2022-2023

UNDERGRADUATE CATALOG

STEVENSON UNIVERSITY

Academic Continuity Policy, Notice of Nondiscriminatory Policy and Catalog Disclaimer

ACADEMIC CONTINUITY POLICY

The University sets forth and upholds standards and policies and prioritizes the integrity of the academic experience. In the event that temporary adjustments must be made to the policies or processes included in the Catalog, information will be posted to the Registrar's Office Page on the SU Portal and shared with students via the Office of the Registrar.

NOTICE OF NONDISCRIMINATORY POLICY

Stevenson University admits students of any race, color, sex, religion, and national or ethnic origin to all of the rights, privileges, programs, benefits, and activities generally accorded or made available to students at the University. It does not discriminate on the basis of race, color, sex, religion, disability, and national or ethnic origin in the administration of its education policies, admission policies, scholarship and loan programs, and other university-administered programs. The University is committed to providing all students with an educational environment free of bias, discrimination, intimidation, or harassment. In this regard, Stevenson University complies with all relevant federal, state, and local laws. The University also complies with all applicable laws and federal regulations regarding prohibition of discrimination and accessibility on the basis of age, disability, veteran status, or otherwise.

CATALOG DISCLAIMER

Stevenson University reserves the right to add, revise, or drop programs and courses; to implement new policies and procedures; and to change published calendars as it deems necessary. Efforts have been made to assure the information contained in this catalog is accurate as of the date of publication; however, Stevenson University reserves the right to add, revise, or modify its contents when necessary. Such changes, which will appear in the online catalog, will be applicable to all students who are enrolled at the time the changes occur. The online version of the Stevenson catalog is the governing version, and students should refer to the SU website for the most up-to-date information.

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CATALOG PUBLICATION DATE

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Academic Calendar: Fall 2022 - Summer 2023

This calendar is subject to change as Stevenson University complies with all public health and safety guidelines related to the COVID-19 pandemic.

Fall Semester 2022

Aug. 29	First day of classes
Sept. 5	Labor Day—University closed
Sept. 6	Last day to add/drop 16-week undergraduate courses
Oct. 5	Yom Kippur —University closed
Oct. 10 - 11	Fall Break — University open
Oct. 17	Midterm grades available to students in Student Planning
Oct. 31	Registration for Spring 2023 begins
Nov. 3	Last day to withdraw from a 16-week class with a "W"
Nov. 23 - 27	Thanksgiving holiday—University closed
Dec. 12 - 18	Final examinations
Dec. 21	Final grades due
Dec. 23 - 25	Christmas holiday—University closed
Dec. 31 - Jan. 1	New Year's holiday—University closed

Winterim 2023

Jan. 3	Winterim begins
Jan. 16	Martin Luther King Day—University closed
Jan. 22	Winterim ends

Spring Semester 2023

Jan. 23	First day of classes
Jan. 31	Last day to add/drop 16-week undergraduate courses
Mar. 13 - 19	Spring Break - University open
Mar. 13	Midterm grades available to students in Student Planning

Apr. 3	Registration for Fall 2023 begins
Apr. 6	Last day to withdraw from a 16-week class with a "W"
Apr. 7 - 9	Easter holiday—University closed
May 8 - 14	Final examinations
May 15-18	Commencement Week
May 19	Final grades due
May 29	Memorial Day—University closed

Summer Session 2023

Summer sessions will be held between **May and August.** Multiple sessions are available. Please consult the *Summer Schedule of Classes* for details on the sessions and classes available or contact the Registrar's Office at 443-334-2206.

Academic calendar information for students enrolled in accelerated undergraduate, master's and doctoral programs can be found in the Enrollment Calendar available on the Registrar's Office portal page,

President's Letter

Welcome to Stevenson University. However you come to us—new or returning student, prospective student, or simply exploring—thank you for taking time to learn more about Stevenson, our community, our academic programs and course offerings.

The *2022/2023 Stevenson University Undergraduate Catalog* provides you with a detailed overview of our curriculum, services, policies, and student clubs and organizations to help you get ready for the year ahead. Use it to work with your advisor and professors to plan a successful academic year—one in which you move forward personally, intellectually, and professionally.

The entire Stevenson community, led by our dedicated and talented faculty and staff, is here to help you grow, develop, and achieve your greatest aspirations. Our goal is to provide you with exceptional experiences, connections to careers, and a close-knit, supportive community focused on helping you realize your academic and professional goals. At Stevenson, you will find guidance, resources, mentors, and individualized support to help you do this. Just ask—we are here for you.

Producing career-ready graduates has always been central to our mission. Through the Stevenson Career Connection, we connect you with career paths and foster the skills and mindset needed for professional advancement. When you walk across the commencement stage as a graduating senior, you will have more than just a degree from Stevenson. You will have career direction and the knowledge, skills, and confidence needed for success in your chosen field.

There is much to look forward to in the coming academic year, and I encourage you to take full advantage of all the opportunities that Stevenson offers you. This is your university and this is your community. It is yours to discover and explore.

With best wishes for the academic year.

Elliot Hirshman, Ph.D.
President

The Stevenson Approach

About Stevenson

Founded in 1947 as Villa Julie College, Stevenson University serves more than 2,700 undergraduate students at its campus in Owings Mills, Maryland, as well as doctoral students in its Doctor of Psychology (Psy.D.) program at its campus in Stevenson, Maryland, and more than 1,000 online graduate and bachelor's students through Stevenson University Online. Stevenson is known for providing a supportive community, individualized attention, exceptional experiences in and out of the classroom, and creating connections to careers that collectively foster the academic, social, and professional success of our students.

Learning and Living

Motto: "Pro Discendo, Pro Vivendo" (For Learning, For Living)

The motto on the University's seal reflects a long-standing commitment to prepare students to become reflective and accomplished people committed to lifelong learning and contribution. The simple premise on which the Stevenson approach rests is that the main ingredients of a good education are good teachers, the opportunity for personal attention and interaction between students and teachers, current and engaging curricula, learning by doing, a warm and supportive community, and an intentional connection to career.

In a vibrant campus environment conducive to intellectual growth and personal self-discovery, Stevenson University offers curricula that give students a strong foundation in the liberal arts and sciences, plus skills and knowledge in their major fields, in a mentoring environment of small classes and personal attention and support by faculty. All students complete Stevenson Educational Experience (SEE) courses that develop skills in writing, communication, and math and provide a basic understanding of the key disciplines in the liberal arts and sciences. Courses in the majors provide opportunities to acquire proficiency in a specific discipline that will prepare students for employment in their chosen field of study or for graduate school.

Applied and Experiential Learning

Experiential learning is a dynamic process of learning, doing, and reflecting. Experiential learning empowers Stevenson students to connect ideas and experiences from a variety of contexts, synthesizing and transferring what they have learned in the classroom to situations beyond the classroom. Stevenson offers students a variety of experiential learning opportunities, including internships, practicums, clinicals, undergraduate research, service-learning, and international and off-campus learning opportunities. The Stevenson Career Connection Center also advertises numerous non-credit internships in all disciplines through an online recruiting system. Every Stevenson student is required to complete at least one internship or culminating practical experience as part of their academic program of study.

The Stevenson Career Connection

Since Stevenson University's founding 75 years ago, connecting students to a meaningful career has been at the heart of our mission.

In the classroom, through experiential learning, and through professional preparation, Stevenson fosters the development of each student's career readiness and sets the stage for their success after college. Supporting students along the way is a network of individuals including student success coaches, career advisors, faculty mentors, and internship coordinators, who help keep them on track to meeting their goals during each year at Stevenson.

In the freshman and sophomore years, the focus is on foundational experiences and career exploration that introduce students to the career options tied to their desired path of study through career-focused first-year seminars, foundational courses in their majors, pre-professional courses, and workshops offered by the Stevenson Career Connection Center.
In the junior and senior years, students put their experience into practice through upper-level coursework, required internships in each major, and Professional Minors that can be added to their majors to acquire additional career competencies. Career fairs and on-campus recruiting, networking opportunities, mock interviews, employer site visits, and mentoring organized through the Career Connection Center prepare our students for successful job searching and interviewing as they establish their professional brand.

Stevenson's attention to Career Connection helps our students create strong paths to their post-college careers as evidenced by our most recent graduating student data, which shows that an impressive 94 percent of Stevenson graduates are employed or are pursuing further education within six months of graduation.

Stevenson Ideals

Motto: "Pro Discendo, Pro Vivendo" (For Learning, For Living)

Mission and Values

Mission

The University is an innovative, coeducational, independent institution offering undergraduate and graduate students a career-focused education marked by individualized attention, civility, and respect for difference. The University blends the liberal arts with career exploration and planning, complementing a traditional education with applied learning beyond the classroom. The University meets students where they are and supports and challenges them to become reflective and accomplished individuals committed to a lifetime of learning and contribution. Students graduate with the competence and confidence needed to creatively address the opportunities and problems facing their communities, the nation, and the world.

Values

The core values of the University provide a foundation for faculty, staff, and students to fulfill the mission and achieve the vision of the institution. The values are focused on community, learning, integrity, and excellence.

- **Promoting a sense of community**, the University embraces the common bonds and obligations within and beyond the campus while respecting individual and cultural differences.
- **Fostering learning**, the University promotes the pursuit of theoretical and practical knowledge while encouraging a life well-lived - a lifelong philosophy of informed, critical thinking to meet evolving challenges and opportunities.
- **Instilling integrity**, the University requires acting with dignity and honesty while adhering consistently to the University's ethical codes.
- **Achieving excellence**, the University lauds superior performance while recognizing the importance of persistence toward goals.

Diversity and Inclusion Statement

Stevenson University commits itself to diversity as it relates to awareness, education, respect, and practice at every level of the organization. The University embraces people of all backgrounds, defined by, but not limited to, ethnicity, culture, race, gender, class, religion, nationality, sexual orientation, gender identity or expression, age, physical ability, learning differences, and political perspectives. The University believes its core values are strengthened when all of its members have a voice and representation. The resulting inclusive organizational climate promotes the development of broad-minded members of the University who positively influence their local and global communities.

History of Stevenson University

University Timeline

1947

Villa Julie College is founded by the Sisters of Notre Dame de Namur at "Seven Oaks," an 80-acre estate in Greenspring Valley, formerly the home of the George Carrell Jenkins family. The College opens its doors on October 1, specializing in medical-secretarial training.

1954

Official approval as a two-year college is granted by the Maryland State Department of Education. In that same year, a new classroom facility, Founder's Hall, is opened.

1967

Villa Julie becomes an independent institution that is no longer affiliated with the Catholic Church. Control is vested in a newly formed Board of Trustees comprised of business, civic, and professional leaders.

1971

In response to increasing enrollment, the College builds a multi-million dollar complex consisting of an art wing, learning resource center, and student center. Evening and summer sessions are inaugurated this same year.

1972

Villa Julie becomes co-educational, admitting its first full-time male student.

1984

Villa Julie becomes a four-year college offering a bachelor's degree in computer information systems.

1985-1986

While the College continues to offer two-year programs, academic offerings are augmented to include new majors and programs that provided a wider choice of professional career possibilities and support the changing requirements of the business and professional communities in the region.

1988

The Middle States Association reaffirms the College's accreditation, this time as a four-year college offering bachelor's and associate's degrees.

1991

A cooperative education program is initiated for junior and senior students, making it possible for them to experience firsthand a working environment directly related to their fields of study.

1993

Off-campus housing for students in garden-type apartments opens a short distance from the College. The cooperative education program is also expanded and opens to all students in the baccalaureate programs.

1994

Villa Julie is awarded membership in NCAA Division III.

1995

The College begins the first phase of the construction of an Academic Center, Inscape Theatre, Student Union and gymnasium, and Science Center on the Greenspring campus.

1996

The Maryland State Department of Education (MSDE) grants approval for programs for the preparation of elementary and early childhood teachers.

1997

The College celebrated its 50th anniversary. The Academic Center, Inscape Theatre, and Art Gallery opens in August, and in November, the Student Union and gymnasium opens.

1999

President Carolyn Manuszak and Dean Rose Dawson retire with a combined 65 years of service to Villa Julie College.

2000

The new decade brings the inauguration of Villa Julie's fifth President, Kevin J. Manning, Ph.D.

2002

The School of Graduate and Professional Studies is created to accommodate the needs of adult learners. Through this school, adult students could enroll in master's degree programs, evening/weekend bachelor's degree programs, or accelerated bachelor's degree programs. Additionally, the College begins offering an accelerated B.S. to M.S. degree in advanced information technology, enabling students to earn both a bachelor's and a master's degree in five years.

2003

The College breaks ground on its first campus-owned student housing complex in nearby Owings Mills

2004

Apartment-style housing for 550 students and a community center opens in Owings Mills. The college also leases classroom space on the same piece of land, allowing students to live and attend classes at the same location for the first time in Villa Julie history. Those moves, along with the purchase of the former Baltimore Ravens training facility and the office building where the college leased classroom and office space, gave Villa Julie more than 80 acres of land at the Owings Mills campus. Also in 2004, the Board of Trustees begins discussing the possibility of transitioning to university status because of the growth in student population and the addition of a second campus.

2006

Rockland Center opens in October to provide a student dining center, offices for Student Affairs, and a banquet hall for functions organized by on- and off-campus groups. The Caves Sports and Wellness Center, the new name for the renovated facility formerly used by the Baltimore Ravens, opens. In August, the College begins offering an online Master of Science in Forensic Studies degree. The Board approves university status in November 2006 and later establishes a committee to oversee a study of name options for the institution.

2007

In May, the College breaks ground on the next new building for Owings Mills, a 60,000-square-foot academic building to house the newly formed Brown School of Business and Leadership. Villa Julie celebrates its growth through the 2007-2009 academic year as part of its 60th anniversary, inaugurating a new tradition on October 1, 2007, by celebrating Founders Day to commemorate the day the College first opened.

2008

On June 11, 2008, the Board votes unanimously to change the name of the institution, and the name Stevenson University is unveiled the next morning.

2009

Additional expansion of the Owings Mills campus includes Wooded Way, which houses specialized student learning communities as well as the Office of Career Services. In March 2009, the University Restructuring Plan is adopted by the Faculty Council. The plan creates four new schools: the School of Humanities and Social Sciences; the School of Design; the School of Education; and the School of the Sciences. The Brown School of Business and Leadership and the School of Graduate and Professional Studies remains as originally configured.

2010

A new entrance to the Owings Mills campus is opened. Stevenson is named to the President's Higher Education Community Service Honor Roll, the highest federal recognition a college or university can receive for its commitment to volunteering, service learning, and civic engagement.

2011

Two new residence halls welcome an additional 500 students on the Owings Mills campus, and the new 3,500-seat Mustang Stadium opens in early September. In November 2011, the University purchases the Owings Mills site of Shire Pharmaceuticals. The 28-acre site—which today includes the School of Design and the Manning Academic Center—comprises the University's Owings Mills North location.

2012

The University Archives establishes the Maryland Bible Society Collection at Stevenson to house the society's historic 400-year-old first edition of the King James Bible. In December 2012, the Greenspring Valley Orchestra, conducted by Stevenson music professor Robert Suggs, celebrates its 10th Anniversary Concert.

2013

The men's lacrosse team wins the first NCAA national championship for VJC/Stevenson athletics, the NCAA 2013 Division III National Championship game, beating the Rochester Institute of Technology's Tigers at Philadelphia's Lincoln Financial Field on May 26.

2014

Apple co-founder Steve Wozniak visits campus to address a crowd of middle school, high school, and Stevenson students. In April, Stevenson unveils the iconic 12-foot-tall, bronze mustang statue, "Victory," outside of Mustang Stadium. The University opens an Athletics Hall of Fame, located in the Owings Mills Gymnasium, which is later named in honor of Dick Watts, the University's former Director of Physical Education.

2015

The new School of Nursing and Health Professions is created, comprising the Department of Nursing and the Medical Laboratory Science Program, bringing Stevenson's number of schools to seven.

2016

President Manning announces his plan to retire after 16 years of leadership. In August, the university dedicates the new 200,000-square-foot academic building at Owings Mills North as the Kevin J. Manning Academic Center (MAC). Stevenson also receives naming gifts for two of schools housed in the MAC: the Sandra R. Berman School of Nursing and Health Professions and the Beverly K. Fine School of the Sciences.

2017

Stevenson opens the Center for Student Success on the Owings Mills Campus to provide student resources and academic support services in one central location, including the Office of Student Success, the John L. Stasiak Academic Link, and the Experiential Learning Center. In March 2017, the Board concludes its presidential search and names Elliot Hirshman, Ph.D., President of San Diego State University (SDSU), as the new President of Stevenson as of July 2017. The School of Graduate and Professional Studies' name is changed to Stevenson University Online.

2018

In January, the Garrison Hall Student Activities Commons opens. The commons includes rooms for student clubs and activities, clubs' sports offices, three meeting rooms, and a fitness center. The Center also serves as the home for Stevenson's eSports team with a dedicated eSports room. Work is completed on the new Owings Mills Quad, a green space connecting the School of Business and Leadership, Garrison Hall, and Rockland Center. In the fall, the Reading Room is opened in Garrison Hall, giving students a quiet area for studying. The University's first Professional Minors are offered in management and organization leadership, entrepreneurship and small business development, human resources, real estate, and software design and coding.

2019

The University introduces two new undergraduate programs, Cybersecurity and Digital Forensics and Biomedical Engineering, starting in Fall 2019. In November, Stevenson senior Patrick Watson crosses the finish line at the 2019 NCAA DIII Cross Country Championships, becoming the first student-athlete in Mustang Athletics history to capture an NCAA individual national championship. In the fall, Stevenson celebrates its 25th anniversary in NCAA athletics.

2020

In February, Stevenson announces that it receives a $2 million naming gift from the Philip A. Zaffere Foundation for the new library to be constructed on the Owings Mills campus. The university also receives a gift from faculty member Dennis Starliper to create an Applied Finance Lab in the Brown School of Business and Leadership. In March, Stevenson announces the launch of its first doctoral program, the Doctor of Psychology (Psy.D.) Clinical Psychology. On March 16, Stevenson transitions undergraduate programs to online remote learning in response to the COVID-19 pandemic. On Sept. 25, Stevenson assumes ownership of Parcels 1 and 2 of the former Rosewood Center property after concluding its agreement with the State of Maryland. Under the Owings Mills East, LLC, the property will be developed as an athletic and recreational hub providing space for the expansion of Stevenson's current facilities.

2021

After the first year of the COVID pandemic, President Hirshman announces in March, Stevenson's plans to return to fall in-person classes, student events and activities and intercollegiate athletic competition for the 2021-2022 academic year.

2022

The university holds a ceremonial groundbreaking for the new 42,000 square-foot Philip A. Zaffere Library, slated to open in Fall 2023 at Owings Mills North.

In September, for the fourth year in a row, Stevenson University is named among the nation's "Best Value Schools" by the U.S. News and World Report. Stevenson also dedicates the new Dennis A. Starliper Applied Finance Lab in the Brown School of Business, named after faculty member Dennis Starliper who donated funds to create the digital lab where business students can experience and participate in real-time stock market trading.

In February, the new Cordish Family Tennis Bubbles opens on the Greenspring campus. The Bubble will be used annually between November and March as the winter practice facility for the men's and women's tennis teams. The new acrobatics & tumbling team begins its first season with its inaugural match against Frostburg.

In March, site preparation and grading begins for the construction of the new Zaffere Library at Owings Mills North.

In April, the university completes the new outdoor track and turf field for the field hockey on the new Owings Mills East campus. This new athletic and recreational hub for Stevenson Dill, club, and intramural sports will be fully open by Fall 2022 with new fields, courses, and facilities for softball, baseball, field hockey, soccer, lacrosse, outdoor track and field, and cross country.

Accreditations

Institutional Accreditation and Authorization

- Middle States Commission on Higher Education (MSCHE), 3624 Market Street, Philadelphia, Pennsylvania 19104, 267-284-5000.
- Maryland Higher Education Commission (MHEC), 6 North Liberty Street, Baltimore, Maryland 21201, 410-767-3301.

Programmatic Accreditation and Approvals

- American Bar Association (ABA), Standing Committee on Paralegals and Approval Commission, 321 N. Clark Street, Chicago, Illinois 60654. 800-285-2221 (Legal Studies Program).
- Commission on Collegiate Nursing Education (CCNE), 655 K Street, NW, Suite 750, Washington, DC 20001. 202-887-6791 (Nursing Programs).
- Council for Standards in Human Service Education (CSHSE), 3337 Duke Street Alexandria, Virginia 22314. 571-257-3959 (Counseling & Human Services Program).
- International Accreditation Council for Business Education (IACBE),11960 Quivira Road, Suite 300, Overland Park, Kansas. 913-631-3009 (All Business Programs).
- Maryland Board of Nursing (MBON), 4140 Patterson Avenue, Baltimore, Maryland 21215-2254. 410-585-1900 (Nursing Programs).
- Maryland Higher Education Commission (MHEC), 6 North Liberty Street, Baltimore, Maryland 21201. 410-767-3301 (All Programs).
- Maryland State Department of Education (MSDE), 200 West Baltimore Street, Baltimore, Maryland 21201. 410-767-0600 (Teacher Education Programs).
- National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Road, Suite 720, Rosemont, Illinois. 60018, 773-714-8880 (Medical Laboratory Science Program).
- National Council for State Authorization Reciprocity Agreements (NC-SARA), 3005 Center Green Drive, Suite 130, Boulder, Colorado 80301. 303-848-3275 (Distance Education Programs).
- U.S. Department of Veterans Affairs, State Approving Agency (VA-SAA), Maryland Higher Education Commission, 6 North Liberty Street, Baltimore, Maryland 21201. 410-767-3300 (All Programs).

Life at Stevenson

Life at Stevenson

Student Life

Athletics at SU

Stevenson's athletic facilities are among the best in Division III. To accommodate its growth and expansion, the University opened its Owings Mills campus in 2004. Two years later, it acquired the former headquarters and practice facility for both the NFL's former Baltimore Colts and two-time Super Bowl champion Baltimore Ravens.

The Caves Athletics Complex, a 60,000 square foot modern facility, is located on the Owings Mills campus and serves the needs of more than 800 NCAA and Club Sports, student athletes as well as the general student body. On-campus facilities include the Caves Sports and Wellness Center, Garrison Student Center, Owings Mills Gymnasium, Beach Volleyball Courts, Club Bermuda Grass Field, and Mustang Stadium.

The first floor of the Caves Sports and Wellness Center features a fully-equipped fitness center, racquetball court, athletic offices, and athletic training room and team rooms. The second floor is dedicated to classrooms, a commuter student lounge, and a student computer lab as well as faculty and staff offices. It also houses the Caves Wellness Center. The Owings Mills Gymnasium is located adjacent to the Caves Sports and Wellness Center on the Owings Mills campus. Designed to host NCAA Division III playoffs, the gym is 15,000 square feet, has a hardwood floor, and seats approximately 1,500 spectators.

Opening in Fall 2022 the Owings Mills East Athletic Campus which is a 117 acre addition that will provide 2 additional Bermuda grass fields designed for soccer, a Kentucky bluegrass field for general use, a baseball stadium, softball stadium, an 8-lane track with an astro-turf field hockey surface. These additions will serve more than 350 Varsity and club student-athletes along with use by the general student population, recreation and intramural use.

There are two fitness centers available for student use. The first is located in the Caves Sports and Wellness Center, and the second is located in Garrison North in the new Garrison Student Center. To access each fitness center, students must have their SU One card.

Intercollegiate Athletics

Stevenson University participates in NCAA Division III as a member of the Middle Atlantic Conferences with the exception of men's and women's ice hockey, which compete concurrently in the MAC and the United Collegiate Hockey Conference (UCHC), women's beach volleyball, which competes as an independent, and acrobatics & tumbling, which competes in the National Collegiate Acrobatics & Tumbling Association (NCATA). The Mustangs are also affiliated with the ECAC for all sports, which provides for additional post season opportunities besides the NCAA championships. Those interested in participating on one of Stevenson's 27 intercollegiate athletic teams should contact the head coach of that sport using the staff directory under "Inside Athletics" on GoMustangSports.com. There is also information on the paperwork required by athletic training and compliance information for transfers and first-year student athletes there as well.

Club Sports

For students who wish to keep competing in college but are not taking part in one of the University's NCAA

teams, a club sports team could be an excellent choice. All club teams have a coach, multiple structured practices each week, and compete against other colleges and universities on the weekends. Club sports are open to all Stevenson full-time undergraduate and graduate students.

Current club sports include baseball, men's basketball, cheerleading, dance team, men's ice hockey, men's soccer, women's soccer, and women's volleyball. Students who are interested in joining any of these teams, or learning how to start a team, should contact Matt Grimm (Assistant Athletic Director, Campus Recreation) by e-mail at mgrimm@stevenson.edu or by phone at 443-352-4280.

ESports

Stevenson currently offers three competitive teams in League of Legends, Overwatch, and Rocket League that operate very similarly to a Club Sports team. Each gaming platform has a coach, multiple practices a week, and competition against other college and university teams. For questions about ESports, please contact Jordan Sheets (Coordinator, Esports) by e-mail at jsheets@stevenson.edu or by phone at 443-352-4445.

Intramural Sports

The Intramural Sports program consists of leagues and tournaments that are played against other members of the Stevenson community (students, faculty, and staff). Most sports offer three divisions: men's, women's, and co-ed. Games are typically in the evenings after classes, and schedules are made based on facility and team availability. All leagues and tournaments are scheduled on campus and are officiated by SU students. Some of the intramural sports offered include flag football and basketball. For more information on which sports are being offered or how to register, please contact Brittany Bizila (Coordinator, Competitive Sports) by email at bbizia@stevenson.edu or by phone at (443)352-5540

Clubs and Organizations

Clubs are established in response to student interests and requests. The following organizations are recognized by the Student Government Association.

Academic & Pre-Professional

47 House: In order to prepare students for the work force, '47 House aims to give members hands-on experience in the fields of marketing, advertising, and public relations. 47house@stevenson.edu

Accounting Association: The Accounting Association provides accounting students with the opportunity to interact with fellow accounting students and professional accountants. This club provides advice to students seeking employment and helps integrate university coursework and on-the-job experience. Each semester members are encouraged to participate in professional, community service, fundraising, and recreational activities. accounting@stevenson.edu

Professional Association for Design, (AIGA): AIGA is a national professional association for designers. The Stevenson University AIGA Student Group, associated with the AIGA Baltimore Chapter, provides opportunities for serious art and design students to meet other students in the major, network with design professionals, and learn more about design technologies through club-sponsored workshops. Major activities include Adobe Crash Course Workshop, trips off-campus to professional design events and service projects, portfolio peer reviews, and more. AIGA@stevenson.edu

Alpha Phi Sigma: The Alpha Phi Sigma is a criminal justice honor society that provides students with the opportunities to experience an international network of criminal justice employees and students. This organization is a certified member of The Association of College Honor Societies and affiliated with The Academy of Criminal Justice Sciences. APS@stevenson.edu

American Chemical Society (ACS): The American Chemical Society helps its member's network, explore chemistry career options, and learn about science by participating in local and national American Chemical Society events. The society organizes chapter events, including research seminars, social events, community service, and more. ACS@stevenson.edu

American Society of Biochemistry and Molecular Biology: Building a national community of undergraduate students and faculty members for the advancement of biochemistry and molecular biology research education and outreach. asbmb@stevenson.edu

Association of Black Psychologists: The Association of Black Psychologists aims to liberate the African mind, empower the African character, and enlighten the African spirit. The mission of ABP is to promote and advance the profession of Black Psychology and develop programs in which psychologists of African descent can 1) Influence and affect social change, 2) Assist in solving problems in black communities and other ethnic groups. As a student chapter at Stevenson, ABP's student circle intends to 3) Promote, advance, and discuss the profession of African/Black psychology, 4) Educate the importance of cultural competency within the mental health/psychology field to the Stevenson community, 5) Promote and discuss an approach to psychology that is consistent with the experience of Black people, and to 6) develop support systems for Black psychologists, students of psychology, and other related fields. abpclub@stevenson.edu

Criminal Justice Student Association (CJSA): The Criminal Justice Student Association is an organization formed for students planning to work with the law, corrections, or courts. The group hosts events, study time, public speakers, and small group discussions focused on criminal justice as a major and as a career. CJSA@stevenson.edu

Fashion Apparel & Design (F.A.D.): The Fashion Club is a student organization that provides Stevenson University students with opportunities to be involved in fashion-driven and fashion-related activities. The club appeals to students at Stevenson University studying in various areas such as fashion merchandising, fashion design, business, business communication, photography, and art. The activities in the Fashion Club will expand students' knowledge by helping students understand the fashion

retail business through activities, workshops, field trips, charities and events. FAD@stevenson.edu

Financial Management Association (FMA): The FMA promotes the knowledge of finance, including financial literacy, and elevates the understanding of the relationship between finance and business among peers, and provides members with professional development resources and opportunities related to finance. FMA also enhance the quality and relevance of education in finance and provide opportunities for professional interaction. FMAClub@stevenson.edu

Forensic Science Club: The Forensic Science Club strives to provide unity within the forensic science program at Stevenson by giving both graduate and undergraduate students in the program, as well as the faculty members, a chance to interact and participate in various campus events as a group. The club also fund raises to host networking sessions with various external forensic science organizations. forensicclub@stevenson.edu

Human Services Club: The Human Services Club parallels strongly with the major. It sponsors charitable, educational, and social activities. Students conduct service projects that benefit needy families, such as donating Christmas gifts to needy children through the Giving Tree Project. The club members will also be able to hear from speakers, such as admissions officers from graduate programs in counseling and social work, and representatives from non-profit organizations like Catholic Charities. Social gatherings include parties as well as recreational field trips. HSC@stevenson.edu

Legal Society: The Legal Society Club provides and encourages an environment that accommodates: learning, using, and applying the law in our country. This is achieved through various activities like Law and Constitutional day, trips to the center of government both state and federal, provide comprehensive mentoring and advice with classes, and facilitate networking between professionals and students through speaker serious and various activities conducted throughout the year. legalsociety@stevenson.edu

Marketing Connections: The Marketing Connections Club enhances students' personal brands and career connections through the use of marketing skills, developing marketing futures, creating personal, social and professional connections.

National Broadcasting Society/ Film Moving Image Club (NBS/ FMI): NBS/ FMI is a student-ran organization which promotes The National Broadcasting Society and the Film and Moving Image program while exercising creative film making talents of the student of Stevenson University. NBS-FMIclub@stevenson.edu

National Student Nurses Association (NSNA): The Stevenson University chapter of the NSNA is a professional club that focuses on issues of interest to students preparing to join the nursing profession. As members of this national organization, students have the opportunity to network with nursing professionals, meet and plan activities with students from area chapters in Maryland, and enjoy the support and camaraderie of other students in the nursing field. NSNA members are involved in education and service activities locally. Activities include co-sponsorship of a day-long professional conference, social events, and a blood drive. The NSNA is also involved in a variety of fundraising projects to support the many activities they participate in during the year. NSNA@stevenson.edu

Pre-Health Student Union (PHSU): The goal of the Pre-Health Student Union (PHSU) is to provide fellowship and support for those who want to pursue careers in a variety of healthcare professions. The organization strives to build a pre-health student community dedicated to providing resources and information to future health professionals. PHSU will provide workshops, guest speakers, and volunteer opportunities to assist students preparing to apply to health professions programs. PHSU@stevenson.edu

Psychology Club: The Psychology Club gathers to discuss issues related to the field of psychology, such as applying to graduate school, research possibilities, and careers in psychology. The club co-sponsors health awareness events, coordinates volunteer activities in the community, and hosts social activities to increase camaraderie. psychclub@stevenson.edu

Teachers of Tomorrow (TOT): The purpose of Teachers of Tomorrow is to promote the inherent rights, education, and well-being of all children, in home, school, and community; to work for desirable conditions, programs, and practices for children from infancy through early adolescence; to raise the standard of preparation for all those actively involved with the care and development of children; and to encourage continuous professional growth of educators. Membership in the Stevenson branch is open to any person affiliated with Stevenson University whose interests are in harmony with the purposes of TOT. TOTS@stevenson.edu

Cultural

African Student Union (ASU): African Student Union is a club that aims to create a community and atmosphere for the members to build, learn more about, and share African culture. Open to all Stevenson University students, ASU is a great place to build friendships, speak freely, and make history. AfricanStudentUnionClub@stevenson.edu

Anime Club: The Anime Club promotes involvement with students in the Stevenson community who are interested in anime, and Japanese culture. The club promotes skills such as graphic design, technological skills, and artistic skills as they relate to Japanese culture. anime@stevenson.edu

Asian Culture Club: The Asian Culture Club represents students who express interest in Asian cultures, as well as those who have Asian origins. Social and educational values will be applied to meetings as well as celebrating cultural events hosted by the club. acclub@stevenson.edu

Black Student Union (BSU): The Black Student Union promotes racial and ethnic understanding on campus and fosters cultural awareness among the University community through informal discussions, panel presentations, guest speakers, and community service projects. The BSU also hosts one of the most popular traditions on campus, the BSU Fashion Show, every

spring. The club is open to all students. BSU@stevenson.edu

Organization for Latin American Students (OLAS): OLAS provides a support group for Latin American students where they can embrace and celebrate their culture. The mission of the group is also to educate and inform the Stevenson community about the Latin American culture through educational and social programs as well as to make contributions to the greater Latin American community throughout the Baltimore area through partnerships with organizations. OLAS@stevenson.edu

The Q Group: The Q Group promotes acceptance and support for gay, lesbian, bisexual, transgender, queer, ally, and other students on the campus. The group plans to educate students about the GLBTQA community and encourage a sex-positive environment on the SU campus. The group offers events and activities embracing the GLBTQA students on campus. qgroup@stevenson.edu

Programming

Commuter Student Association (CSA): The Commuter Student Association represents the interests and needs of the commuting students attending Stevenson University. Through programming events and activities, representing commuters and in their dealings with the University, it is the hope of CSA to help the commuting student become an integral part of the campus community. commuter@stevenson.edu

Mustang Activities and Programming Board (MAP): Mustang Activities and Programming is a branch of Student Activities that provides every Stevenson University student with an exciting, enriching, and unforgettable college experience. A diverse selection of high-quality campus activities that are low-or-no-cost are offered to students. MAP aims to serve the SU community by being reliable, friendly, and responsive to feedback. All students are welcome to join MAP. map@stevenson.edu

Environment

Environmental Club: The Environmental Club promotes waste reduction and awareness of environmental issues at Stevenson and beyond. All students are invited to become members. Students in science-related programs are especially encouraged to participate. environmentalclub@stevenson.edu

Faith Based

CRU (Campus Crusade for Christ): CRU is a non-denominational Christian fellowship group. The ministries in which students participate include weekly meetings with music, Bible study, and fellowship. The club also sponsors outreach and service projects. CRU@stevenson.edu

Fellowship of Christian Athletes (FCA): Fellowship of Christian Athletes is here to leave their footprint at Stevenson University, and create an open space for student athletes to share. fca@stevenson.edu

Muslim Student Association: The mission of the Muslim Student Association is to have a place for Muslim students on the Stevenson University campus to go to feel comfortable while sharing Islam tradition and values with other students on campus. The organization is open to all students to join and enjoy activities and learn more about Islam in a friendly and comfortable environment. It is also a platform for Muslim students at Stevenson to reach out to Muslims in surrounding college campuses and come together.

Governance

Student Government Association (SGA): The mission of the Student Government Association, or SGA, is to improve the quality of student's academic, professional, social, and personal development while at Stevenson University; to serve as the democratic voice on campus and as a liaison between the student body and the faculty, staff, and administration; to advocate the incorporation of student views and opinions in the formulation of policies and procedures governing Stevenson University; and to provide a forum for the exchange and development of ideas in various areas of student concerns. SGA@stevenson.edu

Fraternity & Sorority Life

Alpha Kappa Alpha Sorority, Incorporated (AKA): AKA is an international service organization that was founded on the campus of Howard University in Washington, D.C. in 1908. It is the oldest Greek-lettered organization established by African-American, college-educated women. Stevenson University's undergraduate chapter of AKA, Tau Theta, was chartered on April 3, 2011. Its members are distinguished young women who boast excellent academic records, proven leadership skills, and are involved in the community through advocacy and service. AKA@stevenson.edu

Phi Beta Sigma Fraternity, Inc.: Phi Beta Sigma Fraternity, Inc., an international organization of college and professional men, was founded on January 9, 1914 at Howard University on the principles Brotherhood, Scholarship and Service. These principles are exhibited by the fraternity motto, "Culture for Service and Service for Humanity." pbsf@stevenson.edu

Phi Mu Sorority: Founded in 1852, is the second oldest sorority in the nation. Established in 2020, the Phi Pi chapter at Stevenson University contributes to Phi Mu's growing memberships and benefits from the supportive environment cultivated to foster a lifetime of development. We are committed to excellence, serving others, and lifelong friendships. Our sisterhood is centered around encouraging each other to achieve and be our personal best.

Phi Mu Delta Fraternity: Founded nationally in 1918 as the first national fraternity to accept men regardless of their race or religious affiliation, Phi Mu Delta provides a positive fraternity experience for today's college man, encouraging high personal standards and to help its members live the ideals of our Founders: democracy, brotherhood and service. We seek to redefine fraternity by cultivating and curating a culture of lifelong civic engagement and fellowship. pmdf@stevenson.edu

Phi Sigma Sigma Sorority: Stevenson's chapter of this national and international sorority endeavors to promote friendships and cooperation among college women of all

races and creeds, to provide service, to raise the standard of university ideals, and to promote philanthropic efforts. Members sponsor social events and fundraisers and participate in activities with other area chapters. phisig@stevenson.edu

Health & Wellness

Active Minds: Active Minds is an organization that utilizes peer outreach to increase awareness of mental illnesses to all members of the Stevenson community. The organization sponsors educational and service events that provide a helping hand and a safe environment and are open to all participants. The organization also encourages students to seek help as soon as it is needed and to meet with counselors in the Wellness Center at Stevenson University. activeminds@stevenson.edu

Leadership

Sigma Alpha Pi (SAP): The Society of Leadership and Success, Sigma Alpha Pi, is dedicated to creating lasting positive changes in people's lives. The society is an organization that helps people discover and achieve their goals. Membership in the society offers life-changing lectures from the nation's leading presenters and a community where like-minded success-oriented individuals come together and help one another succeed. The society also serves as a powerful force of good in the greater community by encouraging and organizing action to better the world. SAP@stevenson.edu

WORTH (Women of Resilience, Tenacity, and Humility): WORTH will engage in meetings, activities, and events while unlocking their leadership potential. WORTH will connect young women of different cultural backgrounds across campus to inspire one another through mental, physical, and emotional support. This group focuses on building a sisterhood and creating a sociable environment for all women. worthclub@stevenson.edu

Service

Food Recovery Network: The Food Recovery Network (FRN) is a student-led movement against food waste and hunger. FRN volunteers' package left over foods from campus marketplaces and transport them to hunger fighting facilities around the Baltimore area. All Stevenson University students are welcome to join. This is a great opportunity to receive service hours on campus and make a positive impact in the community. foodnet@stevenson.edu

Mission: I'm Home (MIH): Mission: I'm Home is an organization focused on rehabilitating damaged or destroyed houses enabling displaced families to return home. MIH organizes annual alternative spring break trips to New Orleans, Louisiana, where members partner with the St. Bernard Project and Habitat for Humanity in an effort to restore residential areas devastated by Hurricane Katrina. mih@stevenson.edu

R.E.A.C.H.: R.E.A.C.H. is a club for anyone who is passionate, genuine, and determined to make a difference in the world. The goals of R.E.A.C.H is to incorporate the five following core values. Restoration. Experience. Acceptance. Community, and Humility. R.E.A.C.H provides members with opportunities to be hands on with various organizations in the community. R.E.A.C.H seeks to do more than just engage, but to build intentional connections that will have a lasting impact on the lives of individuals and families. reachclub@stevenson.edu

Stevenson Enactus: Enactus is a social entrepreneurship club. Its mission is to connect students and business leaders to empower and transform the world around them through real, sustainable business projects. enactus@stevenson.edu

Special Interest

Allure Models: Allure Models is a modeling club that aims to recruit members to be apart of a modeling team. Members will plan a fashion show every spring, promote team bonding and dedication to give creative outlet to dancers and models on campus.

Anime Club: The Anime Club strives to bring together members of the Stevenson community by creating a space for those with an interest in anime. AnimeClub@stevenson.edu

Best Buddies: Best Buddies strives to enhance the lives of people with intellectual disabilities by providing opportunities for one-to-one friendships and integrated employment. Membership is open to all students. bestbuddies@stevenson.edu

Ethical Hackers: The creation of this club is based on the necessity for a cybersecurity community on campus. This club provides a social outlet for those students who desire to become proficient in their field through practice, competition, and collaboration. ethicalhackersclub@stevenson.edu

It's On Us: The mission of It's on Us is to build the movement to combat campus sexual assault by engaging all students, including young men, and activating the larges student organization of its kind in grassroots awareness and prevention education programs.

Mustang Mentors Club: The Mustang Mentors Club aims towards encouraging the youth to pursue a higher education while being led in a positive direction by Stevenson University students. Within our mentoring program, Stevenson University will be partnered with a local middle school. Through a consistent interaction between both communities, we will build positive relationships, display a collegiate experience, and have events to act as a support system and show the value of hard work. mustangmentorsclub@stevenson.edu

Photo Club: Stevenson University's Photo Club looks into the relationship between the eye, the camera, and the artistic creativity. The club provides an encouraging and sociable environment for all members with all different types of experience and enjoyment for photographic imagery. The club offers a manner to share ideas and knowledge with one another. photoclub@stevenson.edu

Ravens Flock: The Ravens Flock's goal is to bring the Stevenson community together by spreading their love for football through an environment in which students learn more about the professional sports industry by utilizing a partnership with the Baltimore Ravens. ravensflock@stevenson.edu

Stevenson University College Republicans: The College Republican club raises awareness about the political process in the United States. In addition, the club fosters meaningful dialogue throughout the campus regarding critical issues occurring in the nation. crclub@stevenson.edu

Ultimate Frisbee Club: This club has a goal of encouraging new friendships. Ultimate frisbee is a competitive sport and this club will promote social interaction while getting outdoor exercise.

Student Publications

The Villager is published online weekly during the school year. Its staff consists of journalism students and other contributors from the university community. Its purpose is to report university news and features on students, faculty, and local activities while representing diverse views and acting as a channel of information. The villager provides a laboratory environment in which those interested in journalism can gain skills in writing, editing, and layout. Students on staff receive academic credit for their work.

The Greenspring Review: A Literary, Art, and Media Magazine is a digital literary magazine run by Stevenson University students and produced by the English Language and Literature program. Launched in fall 2016, this online publication features fiction, creative nonfiction, poetry, photography, art, video, and other forms of media. The magazine hosts literary events throughout the year and accepts submissions for its fall and spring issues each semester. Read the latest issue at greenspringreview.org.

Arts Alive! Stevenson

While the Baltimore area has a wide variety of cultural attractions, Stevenson University offers its own array of events. Through professional artist exhibitions, theatre productions, and musical performances, students are able to gain a greater appreciation for the arts without ever having to leave campus. Arts Alive! programming encourages all students to engage with the arts regardless of major or experience level.

Each year, the University hosts a series of art exhibitions highlighting diversity of artist and content in the Greenspring Art Gallery, the Kevin Manning Academic Center Gallery, and the School of Design Gallery, The exhibition spaces provide a significant venue for artists and collectors in the region and give students, artists, and the community a chance to see established and emerging talents, and to learn through gallery talks and lectures. Student work in-progress fills the School of Design hallways, and the academic year culminates in graduating senior exhibitions and showcases.

The 326-seat proscenium main stage in the Inscape Theatre hosts a pair of stage productions annually, presented by Stevenson's Theatre and Media Performance Department. Plays, including student-directed works, are also staged in the more intimate, 60-seat studio theatre. All students are invited to audition for roles or to serve as crew for productions.

Students interested in filmmaking have the opportunity to perform in student-produced projects and work alongside professional filmmakers on the faculty. Stevenson students have served as cast and crew for several productions in the Baltimore area, such as HBO's "VEEP" and Netflix's "House of Cards." The School of Design also sponsors periodic screenings of works by Stevenson's Film and Moving Image majors.

While the University does not offer a formal music major, it does offer a Music minor. Arts Alive! and the Music Department sponsor significant music events throughout the year. The Greenspring Valley Orchestra presents two concerts each year under the direction of Dr. Harlan Parker. Additionally, students and faculty with musical interests can participate in the University's marching band, concert or pep band, or the University Singers led by Beverly Gandolfo. These groups present a variety of music at several performances both on and off campus throughout the year.

Finally, outstanding speakers from a variety of fields visit the campus every year to share their expertise and experience. The topics are keyed to the interests and issues of today.

Reserve Officer Training Corps (ROTC) Programs at Johns Hopkins University and the University of Maryland

Stevenson University offers the Army Reserve Officers' Training Corps (ROTC) in conjunction with Johns Hopkins University's Blue Jay Battalion. The JHU Army Reserve Officers' Training Corps (ROTC) was among the first to be established by Congress in 1916 and is routinely ranked at the top of the nation's 273 programs. More than 3,000 students have received Army officer commissions through the program, with over 40 attaining the rank of general officer. Students can enter the program with as little as two years remaining as an undergraduate or may complete the requirements while pursuing a graduate degree. Upon graduation, students are commissioned as a second lieutenant in the U.S. Army. Some are selected to attend a funded law school or several medical programs, while others serve in the active Army, the Army Reserve, or the Army National Guard. ROTC basic classes are open to all students. The Leadership and Management class specializes in leader development and is an excellent course for students aspiring to become leaders on campus and beyond. Additional information on military science or ROTC can be obtained by asking a current cadet, and by calling 1-800-JHU-ROTC or 410-516-7474. You can also email rotc@jhu.edu or visit the JHU ROTC website at jhu.edu/rotc. Students from Stevenson University who participate in the Johns Hopkins ROTC program are able to do it at no cost for tuition for classes since SU and JHU ROTC are members of the Baltimore Student Exchange Program (BSEP).

Students interested in Air Force Reserve Officers' Training Corps (AFROTC) may participate with the University of Maryland's Det 330 program. AFROTC provides students the opportunity to earn a commission as a second lieutenant in the United States Air Force while completing their undergraduate or graduate degree. It is highly recommended that students seeking a commission contact the AFROTC department for full program details before registering for classes. The email

address is afrotcdet330@umd.edu. Students may call (301) 314-3242, or visit the Det 330 website at afrotc.umd.edu. Please note the University of Maryland is not a member of the BSEP program; therefore there are charges for this program with the University of Maryland.

Campus Resources and Services

Campus Technology

Stevenson University is committed to providing all active students, faculty, and staff with secure and reliable technology and network infrastructure and services. The Office of Information Technology (OIT) is responsible for many of the technologies across all campus locations. This includes the computer labs, classrooms, residence halls, faculty and staff offices, and administrative areas.

OIT operates two data centers, one on each campus, to achieve a high level of availability and performance. Both campuses have hard-wired and wireless networks with many classrooms and residence halls connected at gigabit speeds. Our dedicated digital connection to the Internet is rated at 3000 Mbps and provides fast and reliable access shared among the Stevenson community.

Among the dedicated computer labs on campus, several labs are open for general use at varying times. These labs offer Mac and PC computers with the latest software needed for academic work.

Computer Logins

Each student, faculty, and staff member must have an individual SU Single Sign-On account to use the computer equipment and network resources. All users must have read and electronically signed the Information Technology Acceptable Use Agreement before using their account. The complete agreement can be found on the SU Portal and the university's Consumer Information page. Students, faculty and staff should never share their ID or password with anyone, including the members of Tech Connection or OIT. All account holders will be held responsible for all activity conducted under their login.

Access to Technology Services

Stevenson University offers the capability for students, faculty, and staff to connect to various services on the University's network from off-campus via the Web. This access includes, but is not limited to, Blackboard, Email, Microsoft Office 365 programs, and Self-Service.

Resident Student Technology Support

Resident students may use computers, tablets, smartphones, game systems and media devices on the Resident Hall campus network. Students are not allowed to connect servers, wireless access points, routers, gateways, or any other similar devices to the wired or wireless network. Unauthorized devices detected on the network will be blocked and denied access.

Personal Device Support

OIT support for personal devices is limited to basic troubleshooting to access Stevenson University's services, network, and systems. For more involved troubleshooting or repairs to devices not owned by Stevenson University, it is highly recommended that all students, faculty, and staff maintain service plans through the manufacturer/vendor. Tech Connection staff can only provide limited support for these types of issues. While OIT offers general assistance to resolve any software issues, staff will not install software on personal devices.

Technology Helpdesk and Contact Information

Tech Connection has walk-in support centers on the Owings Mills campus in the Brown School of Business and Leadership, Room 100, and on the Owings Mills North campus in the Kevin J. Manning Academic Center, Room N159. Any technology-related assistance can be acquired at these facilities by students, faculty, staff, and administrators or by calling 443-334-3000 or x3000 from on campus or toll free at 1-866-344-8190.

Students may also contact Tech Connection by sending an email to helpdesk@stevenson.edu or a support request can be submitted directly through the OIT Helpdesk system by navigating to Helpdesk

Technology assistance is available by phone during the days and evenings when the University is open. For updates on all unplanned outages or service interruptions, please visit outage.stevenson.edu.

Dining Services

Stevenson University Dining Services offers dining options on all Stevenson campuses. Hours of operation can easily be found at each respective dining location, as well as on the Sodexo dining website. Students with a meal plan can use their meal swipes or Flex dollars at every dining location. Flex dollars, which are currency attached to the student ID, can also be used at on-campus retail locations, on-campus sporting event concessions, and at designated off-campus partner locations. On-campus dining and retail locations also accept cash, debit, and credit card payments.

Located on the Owings Mills campus, students can choose to dine at the Rockland Marketplace, Pandini's, or swing by the Garrison Coffee House, located in Garrison Hall, or Jazzman's-Zone located in the Ratcliffe Community Center. Rockland Marketplace, located in Rockland Center, provides an innovative, all-you-care-to-eat dining experience. With over ten unique food stations, students with all different dietary lifestyles can easily find a delicious meal. Offerings include Simple Servings (special dietary needs station), a vegan station, vegetarian station, deli, grill, sauté station, pasta action station, pizza station, Hometown (comfort food), salad bar along with a Belgium waffle bar.
Stevenson Dining has late study nights covered with Pandini's, an Italian-style eatery featuring hand-made pizzas, pastas, and sandwiches, along with a Pandini's original: the Labretti, a pizza-sandwich hybrid that is a student favorite.

Coffee is a quintessential necessity for any college campus. The Garrison Coffee House, which proudly serves Starbucks products, offers brewed coffee, Frappuccino, refreshers, and more, including bottled beverages and scrumptious pastries. Students can also find Simply To-Go sandwiches and other grab-and-go snacks. Ratcliffe Community Center's Jazzman's location is also home to "The Zone" – a student convenience

store (C-Store), where snacks, personal items, and other items can be purchased. Stop by Jazzman's Brew and Bakery to enjoy fresh-brewed signature coffee and tea beverages, along with a variety of freshly baked items, in a relaxed, soothing environment. Grab-n-go items like sandwiches, yogurts, salads, and sushi are available at Jazzman's as well.

On the Greenspring campus, students can find the "Mustang Corral", Simply To-Go sandwiches and salads. Café North, located on the Owings Mills North campus, offers made-to-order breakfast sandwiches, made-to-order deli and grill stations, a salad bar, and a Hometown-style station offering freshly-made entrees and soups each weekday. Located within Café North is a retail wall where students can purchase salads and sandwiches to go, freshly prepared sushi, snacks, and beverages. The off-campus partners include great options such as Qdoba, Dunkin' Donuts, Tropical Smoothie Café and CVS. New partners are frequently added for students to enjoy using their Flex Dollars. To see all of the off-campus partners and their locations, check out the Sodexo dining website.

*In order to meet local and state guidance on COVID-19 response planning, all dining locations and hours are subject to change. For additional information about Dining Services, please check out the dining website, Stevenson.SodexoMyWay.com or call 443-394-9354.

Career Connections

The Career Connection Center (CCC) provides all students with a variety of career-focused programs, services, and resources to ensure student success during their college career and beyond. Students are introduced to the CCC and our career and professional developmental model beginning in their first year at the University.

The Career Connection Center Tools

The Career Connection Center maintains a comprehensive career website and portal page which host information on Career Pathways for majors at Stevenson University, job and internship opportunities, on-campus recruiting, job success tips, résumé samples, interviewing resources, career assessments, a calendar of events, mock interviews, and many other tools related to career development. In addition, the CCC maintains an online Career Management System (CMS), Handshake. Handshake includes internships, and full-time job opportunities, and part-time jobs. Career advisors are available to review resumes which students may upload to the Handshake system.

To assist with major and career exploration, the Career Connections Center provides a diverse menu of career assessments to meet student needs. Assessments that help to identify strengths, interests, values, and personality include the MBTI, and the Strong Interest Inventory. Staff offer online career assessment and exploration using FOCUS 2. The CCC embraces Clifton Strengths for Students, which identifies student's key strengths providing a framework for powerful branding to open up possibilities for meaningful careers.

Appointments with Career Advisors

The Career Connection Center staff works with all students at the undergraduate and graduate level to develop the skills, experiences, and confidence needed for success. Students are strongly encouraged to meet with their career advisor each year to monitor progress toward goals and review the steps they have taken in their career planning. Coaching sessions include: deciding your major, career direction, researching careers and jobs, mock interviews, resume and cover letter reviews, internship and job search assistance, networking and career fair preparation, personal brand development, graduate and professional school preparation. Appointments can be made over the phone or on our online career management system. Career Advisors conduct satellite, drop-in advising in academic centers; the schedule is posted on the CCC website.

Career Peer Advisors

Drop-in appointments with trained student Career Peers available weekdays In the CCC and through drop-in hours at various campus locations, as advertised on the CCC website.

Career Fairs, Networking Events, and Information Sessions

Students are encouraged to participate in a variety of career related events where they can meet and network with employers. Employer events are listed on our CMS and in the Career Connection Center portal and webpage and include: on-campus recruiting for internships and full-time jobs, career seminars and workshops presented by business and community leaders, career fairs and industry networking events, business etiquette seminars, and many other programs. The CCC collaborates with Alumni Relations, Residence Life, Student Groups, and Faculty to support the career development and life experiences that develop Stevenson University students into prepared and skilled emerging professionals for the workplace.

Executive in Residence Program and Classroom Presentations

Students also have the opportunity to meet with executives in various industries through the Executive in Residence program. The executives are dedicated and highly skilled professionals who volunteer their time to discuss various career related issues with students. Topics range from interviewing to managing expectations in the workforce. They also provide meaningful advice on career pathways, as well as make connections to others in industry. Through partnerships with faculty, the Career Connection Center also coordinates introductions to faculty for industry professionals to serve as subject matter experts in the classroom.

Library Services

The Stevenson University Library supports the students, faculty and staff of the SU community as they pursue their learning and career goals.

The Stevenson University Library (SU Library) supports the university's learning community by providing research services and resources at our three on-campus locations

and through the library's website at stevensonlibrary.org. Students can visit one of our on-campus locations ;the Owings Mills Library, the Learning Commons in the Manning Academic Center, and the Greenspring Campus Library. Whether students are working alone, reading recreationally, or studying with a group, they can find a place that meets their needs at the SU Library locations.

Through scholarly subscription databases encompassing many disciplines, students enjoy remote access to more than 70,000 full-text magazines, journals, and newspapers, over 200,000 eBooks, high-quality images, and streaming video. OneSearch on the library home page (stevensonlibrary.org) makes it easy to search most of the library's resources using a single search box.

The Owings Mills Library, located in the Brown School of Business and Leadership, holds a print collection that covers a wide range of topics. This library also houses the print legal collection for Legal Studies students.

The Greenspring Campus library holds the bulk of our print and film collections. The Stevenson University Archives are housed in the GS library as well as a Children's Collection for Education students. There is a browsing collection at both the Greenspring and Owings Mills library locations for leisure reading. The Learning Commons at Owings Mills North is an active, flexible space supporting collaborative work and interdisciplinary research. The Learning Commons features a computer teaching lab, 3 study rooms and a presentation practice room.

To expand the information available for student research, the SU Library is a member of local academic library cooperatives. Courier services deliver books from local academic libraries (Johns Hopkins, Goucher, Loyola-Notre Dame, the University of Maryland libraries and others) five days a week. In addition, The SU Library's interlibrary loan service is a free service provided to all students. This service extends the digital and physical library collections available for research.

Our librarians are always ready to help the SU Learning Community through in-class instruction, responses to research questions via chat, email, phone or reference appointments. SU Librarians are knowledgeable about all things research and have subject area expertise. Each academic program at Stevenson has an assigned librarian who knows the area of student and works with faculty and students to provide the best resources and research help when needed. Visit the SU Library website (stevensonlibrary.org) to learn more about the SU Library's services and staff.

University Store

The Starting Gate: Stevenson University Campus Store

Located in Garrison Hall South adjacent to Garrison Coffee House. *The Starting Gate* has available required and recommended books for both traditional courses and courses offered through Stevenson University Online (SUO), as well as supplies for classroom use. A wide variety of other goods and services are for sale, including accessories, a large selection of Stevenson-imprinted clothing, gift items, and magazines. During the semester, The Starting Gate's hours of operation are Monday through Friday 8:30 a.m to 4:30 p.m. and Saturday from 8:30 a.m. to 1:30 p.m. Additional hours are scheduled before the beginning and end of each semester. Please note hours are subject to change. *The Starting Gate* also follows the University's holiday schedule and emergency closings. Students may also purchase merchandise and textbooks online at University Store for traditional and SUO course. Specific ISBNs for ALL textbooks can be found on *The Starting Gate's* website.

Francis X. Pugh Courtroom

In 2009, Stevenson University and Stevenson University Online opened a state-of-the-art mock trial courtroom on the Owings Mills campus. Housed within the Brown School of Business and Leadership, the courtroom is based on the high-tech courtroom at William & Mary Law School. The undergraduate legal studies program uses the space for their Mock Trial teams with Stevenson's students being the first undergraduates in the state to have a courtroom for their studies.

The mock trial courtroom features the latest courtroom technology including electronic screens, screen projectors, a SMART Board interactive whiteboard fully integrated into the courtroom technology, touchscreen annotation functions, a portable Polycom HD video conferencing unit, video and audio digital recording using the Mediasite hardware and software platform, fully integrated presentation podium and fully integrated technology when using videotapes, DVDs, slides, electronic presentations, handouts, and live images. The mock trial courtroom technologies help continue the long tradition of providing SU students with a leading edge in the workplace.

Alumni Information

The Stevenson University Alumni Association is composed of a strong and vibrant network of alumni who remain engaged in the life of the university beyond graduation. Members work to advance themselves and the greater Stevenson community by participating in university events and initiatives, connecting with fellow alumni, serving as ambassadors across their professional and personal networks, and making their alma mater a philanthropic priority. The Stevenson University Alumni Association is inclusive of all graduates of the institution's undergraduate and/or graduate degree programs. There is no membership fee.

The Alumni Association is led by the members of the Stevenson University Alumni Association Board (AAB). The AAB builds alumni connections across the Stevenson University community and directly aligns its work with the divisional priorities of the Office of University Advancement. Members of the AAB bring invaluable expertise from a wide range of industries, majors, class years, student experiences, and backgrounds. They are led by an Executive Committee including but not limited to the President, Vice President, and Immediate Past President.

The AAB seeks to recognize, encourage, and mentor undergraduate students. In support of this goal,

members of the AAB launched the Alumni Association Scholarship Fund in spring 2019. The purpose of the fund is to provide financial support and encouragement to a rising junior with financial need who is involved in the Stevenson community through clubs, organizations, and/or community service. The AAB raises money for the fund through personal contributions, annual appeals, and gift components built into alumni event tickets.

Residence Life

Living on campus opens students to all the experiences Stevenson University has to offer. Beyond the rigorous academic curriculum and career preparation programs, Stevenson has created a warm, welcoming environment for students to develop through personal interaction and a variety of campus programs. To that end, the Office of Residence Life and Housing staff empowers students to become engaged community members who act with dignity and honesty and pursue a lifelong commitment to learning and excellence.

The residential experience provides a framework to educate students outside of the classroom. The curriculum is utilized as a way to unite and educate residents. The Residence Life and Housing professional staff identified key needs of Stevenson's resident population and designed these programming opportunities to address those needs, as well as connect students to the four core Stevenson values.

Stevenson's residence halls are located on the Owings Mills campus, a short walk from North and just 6.5 miles from the Greenspring campus. Shuttle service is provided to and from both the Owings Mills North and Greenspring campus daily. In addition, the halls are located within walking distance of retail shops and services. Students who wish to apply for housing must be enrolled as a full-time Stevenson University student and must adhere to any and all policies and procedures regarding campus living and student behavioral expectations. Housing is not guaranteed, but is offered based on availability. Returning residential students have priority in securing housing for the next year. A student's residency and student behavioral history will be taken into account when determining their campus residency eligibility. The University reserves the right to determine each student's final residential assignment.

Full-time resident directors and student resident assistants live and work in the residential complex and help foster a community atmosphere, promote positive student behavior, provide educational opportunities and assist students with daily living issues and concerns. Residence Life and Housing staff members work with Stevenson University Campus Security and Wellness Center staff members to assist students in emergency situations. All residential students and their guests are expected to be familiar with any and all Residence and Housing Life policies and procedures. Additional information regarding campus residential living is available through the Residence Life and Housing website or by contacting the Office of Residence Life and Housing at ResLifeReception@stevenson.edu or in person at the Ratcliffe Community Center.

The Wellness Center

The Wellness Center includes both Student Health Services and Counseling Services. These services are located at the Owings Mills campus on the top level of the Caves Sports and Wellness Center. The Wellness Center staff can be reached at 443-352-4200 or fax 443-352-4201. The Wellness Center is open Monday through Friday from 9:00 a.m. to 5:00 p.m. with extended evening hours on Tuesdays and Wednesdays until 7 p.m.

Student Health Services

The Wellness Center includes both Student Health Services and Counseling Services. These services are located at the Owings Mills campus on the top level of the Caves Sports and Wellness Center. The Wellness Center staff can be reached at 443-352-4200 or fax 443-352-4201. The Wellness Center is open Monday through Friday from 9:00 a.m. to 5:00 p.m. The Wellness Center is committed to providing a welcoming environment where diversity, equity, and inclusion are valued.

Student Health Requirements

All full-time commuter and resident students are required to have the Stevenson University Student Health Profile completed by July 1 for fall entrance and January 20 for spring entrance. All full-time students are required to complete this profile online even if they are turning in other health related records to other departments. Please refer to those specific departments for any health requirement questions, i.e. Athletics, Beverly K. Fine School of the Sciences, and Stevenson University Online (SUO). If a student was previously a part-time student and is now taking 12 or more credits, a Student Health Profile must be completed. Students do not need to resubmit the Student Health Profile every year. Students who have been away from Stevenson University for at least two years and are reapplying for admission as a full-time student must complete another Student Health Profile. Failure to submit a completed Student Health Profile will block a student from registering for future classes and/or lead to removal from housing

In addition, all students living in Stevenson University residential housing are required to be immunized against meningococcal disease (MCV4/Menveo/Menactra). Some students may require a booster dose of the meningitis vaccine prior to moving into the Residence Halls. At this time, the meningitis B (Trumenba/Bexero) vaccination is NOT required for Stevenson students. Commuter students who decide to become a resident are required to comply with additional immunization requirements as stated on the Student Health Profile.

Stevenson requires all new and returning students to be fully vaccinated for COVID-19 before returning to campus. This requirement applies to all undergraduate students, resident and commuter, as well as all Stevenson University Online undergraduate students, and graduate students who access and use campus facilities. Students will need to complete all required doses of their administered vaccine (Pfizer, Moderna, or Johnson & Johnson) and submit record of their vaccination status to the Stevenson Wellness Center.

Counseling Services

Counseling services are free for all Stevenson University students and include short-term counseling and crisis intervention. After an initial intake appointment, the counselor will determine if the student's needs are best met by the Wellness Center staff. Off-campus referrals can be provided if a student's needs are beyond the Wellness Center's scope of service. If deemed appropriate, the counseling staff can also refer students for limited onsite psychiatric care through the Center's Psychiatric Nurse Practitioner. Psychiatric services come with a small fee charged to the student's account.

The University Pandemic Plan

The University has a comprehensive Pandemic Plan in place. It is included as an appendix in the Crisis Management Plan, which can be found on the President's Office portal page under the "Forms and Documents" tab.

Admissions

General Admissions Information

The University offers bachelor's degrees in the following 31 disciplines: accounting, biochemistry; biology; biomedical engineering; business administration; business communication; chemistry; communication studies; computer information systems; counseling & human services; criminal justice; cybersecurity and digital forensics; early childhood education: liberal arts and technology; elementary education: liberal arts and technology; English language and literature; environmental science; fashion design; fashion merchandising; film and moving image; graphic design; health care management; history; interdisciplinary studies; legal studies; marketing; mathematics; medical laboratory science; middle school education: liberal arts and technology (with a concentration in English/Language Arts and Social Studies or Mathematics and Science); nursing; psychology; and theatre and media performance.

Admission to Stevenson University is reserved for applicants who have demonstrated the ability to meet the demands of college-level instruction. The Admissions Committee also examines evidence of a student's potential for achievement within the academic program elected. Students are selected on the basis of educational preparation, intellectual promise, and personal character.

Students who enroll for course work at Stevenson University are classified as either degree students or non-degree students.

A degree student is a student who is seeking a degree from Stevenson University and has been accepted by the Admissions Office as an undergraduate. An undergraduate student may enroll for course work (full-time or part-time) for each consecutive semester as long as they remains in good academic standing at the University. The normal full-time undergraduate course load is 15 to 17 credit hours per semester. Any undergraduate student who is carrying 12 or more credit hours is classified as a full-time student; less than 12 credits constitutes a part-time load.

Non-degree students are those not currently seeking a degree from Stevenson University. Non-degree students are limited to part-time status and are not eligible for financial aid. They must take fewer than 12 credits in a semester. While enrolled, non-degree students must meet the same academic standards for continued enrollment as degree students.

All students admitted as full-time undergraduate students, and all students (full-time or part-time) who intend to major in nursing or medical laboratory science are required to complete a *Student Health Profile*. The form must be returned by July 1 for fall entrance and December 15 for spring entrance. In addition, in accordance with Maryland state law, all students planning to live in Stevenson University student housing must provide proof of receipt of meningococcal vaccination or waiver prior to their taking up residence in the student housing facility.

Admissions Procedures and Processes

Traditional Freshman Students

The Admissions Committee considers a strong college preparatory program in high school to be the best preparation for success at Stevenson. Considerable emphasis is placed upon the rigor of the candidate's course load in any given year (especially the senior year) and participation in accelerated, honors, Advanced Placement, or International Baccalaureate courses.

A minimum of 17 academic units distributed as follows is recommended.

- English — 4 credits
- History/Social Studies — 3 credits
- Mathematics — 3 credits (algebra I, geometry, and algebra II or advanced courses in mathematics)
- Science —3 credits (including at least two laboratory science courses, preferably biology and chemistry)
- Foreign language – 2 credits (in the same language)
- Electives — 2 credits

Candidates, whose high school programs have not followed the recommended patterns but whose total credentials show evidence of potential for success at Stevenson University, are invited to apply with the assurance that their records will be given full and careful consideration in a holistic review process.

For prospective freshmen, application for admission to Stevenson University consists of the following:

1. A completed application through stevenson.edu/apply or the Common Application.
2. A writing sample.
3. Official high school transcript or GED.
4. Optional: Admissions interview, ACT or SAT scores
5. At least one letter of recommendation from a teacher or school counselor. Up to three letters will be considered.

Students may begin at Stevenson in the fall or spring. For the fall semester, applicants are notified of their admission status on a rolling basis. Applications filed after March 1 for the fall semester will be considered on a space-available basis. For the spring semester, applicants are notified of their admission status on a rolling basis. Applications filed after December 1 for the spring semester will be considered on a space-available

basis. Earlier deadlines apply for scholarship consideration. Please see Stevenson Scholarships for details.

Adults Entering as Freshman Students

For persons who are not recent high school graduates and have no previous college experience, attention is given to educational preparation, intellectual promise, and personal character as exhibited in academic records and life experience, including work and military service. Standardized test scores are not required. The application process should be completed no less than four weeks prior to the desired semester start date.

For adults wishing to pursue a degree either full-time or part-time (11 credits or less), application to Stevenson University consists of the following:

1. A completed application through stevenson.edu/apply or the Common Application.
2. An official high school transcript or GED.
3. An interview is recommended for nursing and education majors. An interview is optional for all others.
4. A personal statement discussing career goals and/or academic history.

Transfer Students

Students who have graduated from high school and have subsequently enrolled in college or university classes are considered transfer students. Current high school students taking college classes as part of their high school program are considered freshmen and should follow the application instructions for traditional freshmen. Transfer students are welcome to apply for admission for either the fall or spring semester as full-time or part-time students. Transfer applicants are encouraged to apply by May 1 for the fall semester and December 1 for the spring semester. Earlier deadlines apply for scholarship consideration. Please see Scholarships and Financial Aid

Students who have earned the Associate of Arts (A.A.), Associate of Science (A.S.), or Associate of Arts in Teaching (A.A.T.) degrees from regionally accredited institutions may be automatically admitted to Stevenson University upon receipt of the application and all required documentation. However, acceptance into Stevenson University does not guarantee acceptance into a specific degree program. Students should also be aware that not all transferred credits may be usable toward a specific degree program. The requirements of each degree program must still be met.

Transfer students who have not completed an associate's degree and are seeking admission into the bachelor's degree programs should have a cumulative GPA of at least 2.50 from all colleges previously attended. Transfer students with a 2.00 minimum cumulative GPA may possibly be granted conditional admission to the University. Admission is based primarily on each candidate's performance at the most recently attended college. However, high school transcripts, standardized test scores, and college records may be considered for students who have completed fewer than 28 college-level credits. Applicants are notified of the admission decision on a rolling basis for the fall and spring semesters.

Please note that nursing and medical laboratory science have additional application and admission requirements. Please see the appropriate academic program pages at stevenson.edu for details.

For transfer students, application for admission to Stevenson University consists of the following:

1. Common Application or Stevenson University Application.
2. Official college transcripts from each college previously attended. College-level coursework completed outside of the United States must be evaluated by an organization that is a current member of the National Association of Credential Evaluation Services (NACES). A member list is available on the NACES website. An official NACES member transcript is required. A final transcript must be sent upon completion of any course work in progress at the time of application.
3. Official high school transcript or GED for applicants who have completed less than 28 college-level credits at the time of application. (An SAT or ACT score is optional.

Accelerated Transfer Students

Please refer to the *Stevenson University Online Undergraduate Catalog* for further information on accelerated transfer admissions requirements.

Evaluation of Transfer Credit

Students desiring to transfer from another accredited college or university and be admitted to a degree program at Stevenson University must submit official transcripts of all previously attended institutions. College-level coursework completed outside of the United States must be evaluated by an organization that is a current member of the National Association of Credential Evaluation Services (NACES). A member list is available on the NACES website. An official NACES member transcript is required. Stevenson University will accept a maximum of 70 credits from 2-year institutions. No more than 90 credits can be applied to degree requirements from a combination of 2-year institutions, 4-year institutions and non-direct classroom instruction (including CLEP, AP, and other nationally recognized standardized examination scores).

The courses and credits completed with a grade of "C" or better at other regionally accredited institutions are generally transferable to Stevenson. Some grades of "C-", "D+", or "D" may be acceptable for general education requirements that are not major requirements.

All transferable courses must be comparable to courses offered at this University. Classes that do not transfer include developmental/remedial, personal development, orientation courses and credit given for portfolio work. Some credit may be awarded for internships at the discretion of the department chair upon submission of appropriate documentation. Regardless of the number of transfer credits accepted, students must still complete the academic program requirements as shown in this catalog

and on the student's degree audit. Transfer students have access to their degree audit through Student Planning.

Transfer applicants must be in good standing from their sending institution. Grades and grade point averages earned at another institution do not transfer. The transferred credits apply toward graduation, but the grade points are not used in calculating the academic average required for graduation. Students seeking information on the transferability of credits may contact the Registrar's Office, the transfer admissions web pages, or a transfer admissions counselor.

Credit Evaluation Process

Stevenson University's Registrar's Office facilitates the evaluation of credit for students who have earned college credit from another institution or successfully completed Advanced Placement (AP), International Baccalaureate (IB), or CLEP.

If a student's transfer coursework is coming from a Maryland community college, the Maryland Articulation Systems (ARTSYS) can provide general information on how their credits will transfer from their local community college to Stevenson. If there are any questions about the information in ARTSYS, students may contact the Registrar's Office.

Admitted students who have earned college credit in the United States and submitted official transcripts will receive their transfer credit evaluation shortly after their letter of admission and may access their transfer credit evaluation online through their Student Planning once they receive the evaluation.

If a student has credit from overseas institutions and has submitted documentation of this coursework to a current NACES member, this process is dependent on the receipt of the NACES member evaluation by the Registrar's Office.

Please note that a student's evaluation is preliminary and ongoing. It is the applicant's/student's responsibility to submit additional official transcripts as external coursework is completed.

Block Transfer from Maryland Community Colleges

Students who enter Stevenson with an A.A., A.S., or A.A.T. degree from a community college in Maryland will have met all of Stevenson's general education (Stevenson Educational Experience) requirements. Please note a second composition course is required if the student doesn't have an equivalent course as part of the associate's degree.

Articulation Agreements

Stevenson has established articulation agreements with a number of area institutions. Articulation agreements outline the course-by-course summary of how general education requirements (Stevenson Educational Experience courses) and/or program specific requirements are transferred to an approved academic program of study. For a current list of articulation agreements with Maryland community colleges, please visit Stevenson Articulation Agreements.

Credit By Exam

Advanced Placement

Incoming students who submit Advanced Placement (AP) test scores from the College Board and who achieved satisfactory scores are considered for advanced placement or credit. College credit may be granted for scores ranging between 3 and 5, depending on the subject. See Stevenson AP Tests for details.

For incoming freshmen, the results of these tests are typically received by the Registrar's Office. They are reviewed and, when appropriate, credit is granted. Credit is entered in the student's record and can be viewed in Student Planning. Transfer students who took AP tests in the past should request their scores be sent to Stevenson from the College Board. For questions about AP credit, contact the Registrar's Office.

Students may not earn credit from an AP test and the equivalent college course.

International Baccalaureate

Stevenson University values the International Baccalaureate (IB) Diploma Programme and awards credits based on grades in individual standard and higher level subject examinations. Students who have earned an IB diploma will be granted sophomore status and awarded 30 credits that will be applied toward degree requirements. Information about score requirements for particular tests can be found at International Baccalaureate Scores. Credit cannot be awarded for scores at both the standard and higher level of the same subject or for IB and AP scores for the same subject. For questions about IB credit, contact the Registrar's Office.

CLEP Examinations

CLEP, a program of the College Entrance Examination Board, is a nationwide system of credit-by-examination. Stevenson does grant credit to our students earning Stevenson-designated passing scores on CLEP exams. Students who are interested should contact the Registrar's Office for details about which exams are the equivalent of selected Stevenson courses. If the student achieves the designated passing score on an accepted examination and submits official documentation of the test results, appropriate credit will be awarded. Students may not earn credit for a CLEP test and the equivalent college course. Native speakers may not earn foreign language course credit in their native language.

DSST

The DSST exams are taking by students wishing to earn college credit. These exams are available not only to students in the military but to all students who are interested in earning college credit. The DSST exams are administered on military bases (for military students and their spouses) or at a participating institution. Traditional students who wish to use DSST exams to fulfill degree requirements should contact the Registrar's Office for approval. Stevenson University Online undergraduate

students must consult with their success coach. For information and registration, please visit Prometric.

Acceptance and Deposit

Stevenson University asks that first-year students entering in the fall submit their deposit by May 1. However, students are encouraged to notify the University of their acceptance of admission and to remit the required enrollment deposit as soon as their decision is made. The enrollment deposit is non-refundable after May 1 and will be applied toward the first semester bill.

Students who enter in the spring semester are encouraged to notify the University of their acceptance of admission and remit their enrollment deposit by December 20. The enrollment deposit is non-refundable after December 20 and will be applied toward the first semester bill.

For students who are enrolled at another institution at the time of their acceptance, it is understood that they will maintain the same level of academic achievement and personal integrity through the remainder of their current program. If a student's work falls below a satisfactory level, the acceptance may be rescinded. Accepted students must report any disciplinary action taken by their current institution after being admitted to Stevenson.

International Student Information

U.S. Permanent Residents

Applicants who are currently United States permanent residents must meet all the stated admissions requirements and follow the same application procedures as U.S. citizens; however, permanent residents must also submit a high-quality, color copy of the front and back of their valid U.S. Permanent Resident Card. The Admissions Office will not process the application without this component. Refugees and asylees must provide proof of legal residence in the United States (Form I-94)

All permanent residents and some other eligible non-citizens can apply for federal need-based financial aid programs. Applicants for traditional undergraduate programs are also automatically considered for merit-based scholarship when they meet the stated merit-based scholarship deadlines.

International Students - Important Information and Deadlines

All international students, except documented U.S. permanent residents and other eligible non-U.S. citizens, should submit all application requirements by March 1 for admission for fall semester admission. Transfer students wishing to attend during the spring semester should submit all application requirements by February 1 for fall freshman semester admission. Transfer students wishing to attend during the fall semester should submit all application requirements by April 1. Transfer students interested in the spring semester should submit all application requirements by October 1.

Decisions are released on a rolling basis. Applications completed after the deadline may not be considered for that semester but can be reviewed for the following semester upon written request from the student. Once an international student is accepted to Stevenson, the student will need to follow the directions for submitting the required documents listed in the Required Post-Acceptance Section. In order to best serve the student, all required post-acceptance documents need to be submitted to the Undergraduate Admissions Office no later than the deadlines posted for each of the documents required.

** Some limited enrollment majors have earlier application and deposit deadlines. Please see our Fields of Study* (p. 65) *section for more information.*

International Freshman Applicants

A freshman is defined as a student who has not taken university credits after graduating from secondary school. International students applying as incoming freshman with no post-secondary school education or university credits must submit the following:

1. **Undergraduate International Freshman Applicants:** Students must use the Common Application.
2. **Proof of English Proficiency International:** Students must demonstrate a satisfactory level of English proficiency. Any student whose native language is not English must submit an official TOEFL (Test of English as a Foreign Language) or IELTS (International English Language Testing system) score. The following TOEFL scores are required for admission: 213 or higher (computer-based); 80 or higher (internet-based); or 550 or higher (paper-based). Students who have taken the internet-based TOEFL test should have no individual section score lower than 20. Students who have taken the IELTS should have a minimum overall band score of 6.5 and no individual score lower than 6.0. Students who have earned a score of 550 or higher on the SAT Evidence-Based Reading and Writing Test may possibly be exempt from the TOEFL or IELTS requirement. The website for TOEFL information is ets.org, and the website for IELTS is ielts.org.
3. **Official Transcripts/Diplomas/Graduation Certificates:** Applicants who completed or will complete secondary school outside the United States must submit official transcripts/diplomas/graduation certificates in English from an official at the school. The transcript should include all four of the student's final years of secondary/high school coursework including corresponding course grades. If the transcript does not include the grading scale used at the school, an official from the school should provide this information in a separate letter. This letter should include the name and contact information of the school official who can serve as a point of contact throughout the student's application process.
4. **Letters of Recommendation:** Submit at least one recommendation from a teacher and/or counselor. Applicants can use the downloadable recommendation form on our website.

5. **Essay:** Applicants must submit a response to a single essay question. Essay topics are provided on each version of the application. Please note that the essay should be approximately 500 words, even though the Common Application says responses can be as short as 250 words. In addition, please provide a 100-word answer to the short response question listed on the application.
6. **Optional: SAT/ACT Test Scores:** Stevenson's test codes are as follows: SAT- 5856; ACT-1753

Freshmen Application Completion Deadlines

Fall semester – February 1

NOTE: Canadian citizens should contact an international student advisor for specific instructions regarding their applications at admissions@stevenson.edu or 410-486-7001.

Requirements Post-Acceptance- Freshman Students

In order to receive a Certificate of Eligibility for Nonimmigrant Student Status (Form I-20) and proceed with full-time enrollment of at least 12 credits, please follow the instructions listed under Required Post-Acceptance section following the International Transfer Applicant section.

International Transfer Applicants

International students transferring from another post-secondary college or university must submit the following:

1. **Undergraduate Application for Admission -** Students should complete the Common Application.
2. **Proof of English Proficiency -** International students must demonstrate a satisfactory level of English proficiency. Any student whose native language is not English must submit an official TOEFL (Test of English as a Foreign Language) or IELTS (International English Language Testing System) score. The following TOEFL scores are required for admission: 213 or higher (computer-based); 80 or higher (Internet-based); or 550 or higher (paper-based). Students who have taken the Internet-based TOEFL test should have no individual section score lower than 20. Students who have taken the IELTS should have a minimum overall band score of 6.5 and no individual score lower than 6.0. International students who have completed courses equivalent to ENG 151 and ENG 152 at Stevenson University with a grade of "C" or higher may possibly be exempt from the TOEFL or IETLS requirement. The website for TOEFL information is ets.org and the website for IELTS is ielts.org.
3. **Transcripts and Certificates of Previous Academic Work -** International students who have attended or who are currently attending a U.S. post-secondary institution must submit official transcripts from all institutions. Students who have completed post-secondary academic coursework outside of the United States must submit an official course-by-course transcript evaluation from an organization that is a current member of the National Association of Credential Evaluation Services (NACES). A member list is available on the NACES website. Transfer students who have completed less than 28 college-level academic credits (as determined by a Stevenson University credit evaluation) are required to submit an official U.S. high school transcript or official NACES member evaluation of a non-U.S. secondary school transcript.

Requirements Post Acceptance - All Accepted International Students

In order to receive a Certificate of Eligibility for Nonimmigrant Student Status (Form I-20) and proceed with full-time enrollment, please follow the instructions below submitting each official document to the Undergraduate Admissions Office. Please pay close attention to the deadlines listed for each official document.

1. **Passport Identification page and other forms of eligibility.** A legible, high-quality, color copy of the unexpired passport identification page is required of all international students. International students currently attending high school in the United States must also submit a high-quality, color copy of their current visa. International students currently holding an F-1 or F-2 visa must submit a copy of the Certificate of Eligibility (Form I-20). Please submit this documentation to the Undergraduate Admissions Office before May 1 for the fall semester or before November 1 for the spring semester transfer student entrance.
2. **Official Bank Statements.** All International students holding or intending to seek an F-1 student visa must submit current official bank statement(s) signed by an official from the banking institution. Statements must be in English verifying the student's financial resources in U.S. dollars for the total cost of attendance, including tuition and fees, other academic expenses, living expenses, and transportation for the year of intended enrollment. The current year's Estimated Cost of Attendance Chart is listed on our Financial Aid website. Please submit this documentation to the Undergraduate Admissions Office before May 1 for the fall semester, or before November 1 for the spring semester transfer student entrance.
3. **Financial Resource Statement.** All International students holding or intending to seek an F-1 student visa must complete the International Student Declaration of Finances form, including the Sponsor form if applicable. Please submit this documentation to the Undergraduate Admissions Office before May 1 for the fall semester or before November 1 for the spring semester transfer student entrance.
4. **Enrollment Deposit.** The enrollment deposit of $300 must be submitted before May 1 for fall semester entrance and before December 1 for spring semester transfer student entrance. The deposit is non-refundable after these dates.
5. **Stevenson University Health Profile.** The University's health profile must be completed in its entirety and mailed or electronically sent as an attachment to an email to the Stevenson University Wellness Center

before July 1 for fall entrance and January 2 for spring transfer student entrance. All students planning to live on campus are also required to be immunized against meningococcal disease, per Maryland state law. Beginning Fall 2021, Stevenson is requiring all new and returning students to be fully vaccinated for COVID-19 before returning to campus. This requirement applies to all undergraduate students, resident and commuter, as well as all Stevenson University Online undergraduate students, and graduate students who access and use campus facilities. Students will need to complete all required doses of their administered vaccine (Pfizer, Moderna, or Johnson & Johnson) and submit record of their vaccination status to the Stevenson Wellness Center. For ongoing updates, please visit: https://www.stevenson.edu/student-life/health-wellness/covid-19-safety/

6. **SEVIS Fee.** Accepted F-1 international students are responsible for paying the Student and Exchange Visitor Information System (SEVIS) fee. See fmjfee.com.

Full-time

Undergraduate freshman and transfer students on an F-1 visa must take a minimum of 12 credits each semester.

Scholarships

Freshman and transfer undergraduate students in traditional programs are automatically considered for academic merit scholarships. The scholarship review is based on secondary school performance for freshmen and previous post-secondary school academic coursework and grades for transfer students. Federal financial aid programs are available to documented U.S. citizens, U.S. permanent residents, and some other eligible non-U.S. citizens. While international students can be considered for academic merit scholarships, there are no separately designated scholarships for international students.

SU Online Undergraduate Transfer and Graduate Students

Please refer to the *Stevenson University Online Undergraduate Catalog or the Stevenson University Graduate Catalog* for further information on international admissions requirements.

Additional Enrollment Options

Part-Time Students (Undergraduate)

Part-time students are those enrolled in fewer than 12 credits each semester. They may be degree-seeking or non-degree seeking students. Degree-seeking students apply to the University through the Admissions Office Admissions Traditional Transfer Student (p. 22). Non-degree students must complete the procedures for non-degree students Non-Degree Students (p. 26) as directed by the Registrar's Office.

All part-time students are considered part of the student body of the University. Fees regarding late registration and drop/add procedures apply to part-time students. Tuition is calculated on a per-credit basis, and student fees are charged at a reduced rate. University activities, clubs, and most organizations are open to part-time students with the exception of such organizations as the intercollegiate athletic teams, which are governed by NCAA Division III rules of eligibility.

Non-Degree Students (Undergraduate)

Non-degree students can only be part-time and are not eligible for financial aid. Admission as a non-degree seeking student requires submission of the following:

1. Special Application for Non-degree Status form located on the Registrar's home page. Please go to Campus Services/Registrar for the form.
2. High school transcript - Required only for students who have been out of high school for less than two years and have not attended college.
3. College transcripts - At the time of registration, students who wish to take a course that has a pre-requisite must submit a college transcript verifying successful completion of the prerequisite course. Some departments require the approval of the department chair prior to taking a 200-level or above course.
4. A non-degree student may become a degree student by applying for and being granted formal admission. Application must be made prior to the student's enrollment in the last 60 semester hours of academic credit required for a degree at Stevenson University. For admission as a degree-seeking student, a non-degree student must meet the same criteria as a freshman or transfer student. A student denied admission as a degree student may enroll as a non-degree student only with the approval of the Registrar.
5. New non-degree seeking students may not register for fall until August; January for the spring semester; May for the summer term.

Students Applying to Adult Undergraduate Programs

Information about admission to adult undergraduate programs may be found in the *Stevenson University Online Undergraduate Catalog.*

Graduate Students

Information about admission to graduate programs may be found in the *Stevenson University Graduate Catalog.*

Admission to the Bachelor's to Master's Option for Current Stevenson University Undergraduates

The objective of the Bachelor's to Master's options is to provide qualified Stevenson undergraduate students the opportunity to obtain both a bachelor's and a master's degree in a shorter time frame. Participating master's degree programs and related admissions requirements are listed below.

Biology/Chemistry/Mathematics – BS/MAT - Master of Arts in Teaching

Applied mathematics, biochemistry, biology, chemistry, and environmental science majors may pursue the BS/MAT option. Students who wish to pursue this degree program can earn a bachelor's degree in applied mathematics, biochemistry, biology, chemistry, or environmental science and a masters of art in teaching degree with certification in secondary biology, chemistry, or mathematics with a STEM focus. Students apply for admission to this program during the spring of their junior year. If admitted, students begin taking graduate-level courses in the semester after they are admitted. In order to be admitted to this BS/MAT option, the student must have:

- A cumulative GPA and science and math GPA of 3.00 or better in all work attempted.
- Earned a grade of "C" or better in all science and mathematics classes.
- Completed at least 60 credit hours.
- Completed Calculus II and three additional math courses (Applied Mathematics majors)
- Completed Organic Chemistry II (CHEM 211 and CHEM 211L) and be enrolled in a 300-level science course (Biochemistry and Chemistry majors).
- Completed Genetics (BIO 230) and be enrolled in a 300-level science course (Biology majors).
- Completed Environmental Science (ENV 275) and be enrolled in a 300-level science course (Environmental Science majors).
- Submitted a completed *BS/MAT Request for Permission to Enroll*, including three letters of recommendation prior to March 1.
- Submitted a Graduate School Application by February 15 of the 4th year of the program.
- Additional information can be found in the Stevenson University Graduate Catalog.

Forensic Sciences - BS/MFS

Biochemistry, biology, and chemistry majors may pursue the BS/MFS option in forensic sciences. Students who wish to pursue this degree program can earn a bachelor's degree in biochemistry, biology, or chemistry and a master's degree in forensic sciences.

Detailed information can be found in the Forensic Sciences section under "Fields of Study (p. 97)" in this catalog.

Other Bachelor's to Master's Options

The objective of the Bachelor's to Master's Option is to provide qualified Stevenson undergraduate students the opportunity to obtain both a bachelor's and a master's degree in a shorter timeframe.

Students accepted to this option are able to complete a maximum of six graduate courses (18 credits) as an undergraduate student. A maximum of two graduate courses (6 credits) may fulfill bachelor's degree requirements. Students should consult with their undergraduate academic advisor for academic planning.

Participating master's degree programs and related admissions requirements are listed below.

- MS in Communication Studies
- MA in Community-Based Education and Leadership
- MS in Crime Scene Investigation
- MS in Cybersecurity and Digital Forensics
- MS in Digital Transformation and Innovation
- MS in Forensic Accounting
- MS in Forensic Investigation
- MFS in Forensic Science
- MS in Forensic Studies
- MS in Healthcare Management
- MEd in Integrative Learning
- MA in Teaching (STEM)

Students are encouraged to consult with their undergraduate academic advisor prior to applying for the bachelor's to master's option.

In order to be admitted to the Bachelor's to Master's Option, the student must:

- Have completed at least 60 bachelor's degree credits at the time of application. The student may enroll in graduate courses after earning at least 75 undergraduate credits.
- Transfer students are eligible to apply after completing at least one semester at Stevenson.
- Have a minimum cumulative GPA of 3.00.
- Complete the Bachelor's to Master's application.
- Submit a personal statement.
- Forensic Science and the MAT programs have additional application and prerequisite requirements. This information can be found in the catalog on the specific undergraduate fields of study page, under the "Other Options" tab.

Admitted Bachelor's to Master's Students

Upon acceptance into the Bachelor's to Master's Option, students work with their undergraduate academic advisor to develop an academic plan that includes their chosen graduate courses and ensures all undergraduate degree requirements will be fulfilled appropriately. They must obtain permission from their undergraduate advisor to register for any graduate course, and the appropriate SUO Student Success Coach will complete the student's registration for graduate courses in each session. Students will not be able to register for graduate level courses on their own.

In order to remain eligible for merit scholarships, Bachelor's to Master's students must be enrolled in a minimum of 12 credits that are counting toward their undergraduate degree in every semester until they earn their bachelor's degree. Other types of financial aid may have additional or different enrollment requirements and students are encouraged to consult with the Office of Financial Aid.

It is recommended that students do not register for more than one graduate course per 8-week session (two

graduate courses per semester). Students are not able to enroll in more than six graduate courses (18 credits) while they are still an undergraduate student.

Students are required to register or drop graduate courses prior to the Add/Drop deadline, which is the first week of the traditional semester. A student cannot add any course, including an 8W2 course after this time. If a student drops a course after the deadline, regardless of whether the course is offered in 8W1 or 8W2, the outcome will be considered a Withdrawal and appear on the transcript as a 'W'.

Students must successfully complete a minimum of 120 credits for a bachelor's degree. These credits include program requirements, University SEE requirements and general electives. In the Bachelor's to Master's Option, a maximum of six of the 120 credits may be at the master's level.

Once students earn their bachelor's degree, they are reviewed for admission into the master's program. Upon formal acceptance into the graduate program, students will be recognized as a graduate student and begin paying at the graduate cost per credit rate.

Good academic standing in the Bachelor's to Master's Option requires a minimum cumulative 3.0 GPA for all graduate courses taken for credit. The grade of "C" is the lowest acceptable passing grade in graduate courses. Only one grade of "C" may be applied toward the cumulative GPA in any graduate program. Failure to maintain good academic standing will result in probation and/or suspension as outlined in the Academic Probation/Suspension policy.

Early Enrollment

Advanced high school seniors may apply for early enrollment if they wish to waive their senior year in high school in order to enroll as full-time, degree-seeking students at Stevenson. In addition to meeting the requirements of traditional freshman applicants, early enrollment applicants are expected to:

1. Submit an official high school transcript reflecting successful completion of thirteen college preparatory units and three elective units.
2. Have a cumulative unweighted grade point average of at least 3.00 (B).
3. Submit SAT scores of at least 600 evidence-based reading and writing and 570 mathematics.
4. Submit official documentation from the high school permitting the student to waive their senior year.
5. Attend a personal interview accompanied by a parent or legal guardian.

The priority application deadline including all supporting materials is March 1 for the fall semester. Earlier deadlines apply for scholarship consideration. Students wishing to participate in the early enrollment program may start in the fall semester only.

Parallel Enrollment

Stevenson University sponsors a parallel enrollment program that enables academically talented high school students to take up to two courses during one or both semesters of their senior year.

High school students who wish to apply for parallel enrollment should:

1. Submit a Parallel Enrollment Application.
2. Submit an official high school transcript.
3. Submit a letter of endorsement from their high school guidance counselor.
4. Submit a letter of permission from a parent or legal guardian.
5. Attend a personal interview accompanied by a parent or legal guardian with the designated admissions counselor for parallel enrollment.
6. Have a cumulative unweighted grade point average of at least a 3.00.
7. Submit SAT or ACT scores for placement purposes if the student wishes to enroll in English courses. A minimum 550 SAT evidence-based reading and writing score (44 English + Reading ACT) is required to take ENG 151. A placement test is required for math if the student wishes to take a math course.

The application deadline (including all supporting materials) is June 1 for the fall semester and October 1 for the spring semester.

Placement

Placement assessments are used to determine starting course placements in mathematics, English, and reading. Information regarding placement requirements are sent to all students after they deposit to attend the University. Additionally, more information about requirements and procedures can be found at Stevenson Placement.

Placement Requirements for Mathematics, English, and Reading

First-time Stevenson University students will need to complete one or more Stevenson University placement assessments prior to registration.

Mathematics Placement

All incoming students are required to take the mathematics placement assessment prior to registering for classes unless they have completed a foundational mathematics course at another college/university equivalent to or higher than Stevenson's developmental MATH 005# course and earned a grade of "C" or better, or completed a college credit-bearing mathematics course at another college/university equivalent to or higher than Stevenson's MATH 135 course and earned a grade of "D" or better.

Results of the placement assessment are valid until the end of the add/drop period of the semester in which the student enrolls in the university. Students are not permitted to take the math placement assessment after enrolling in a math course at SU.

English Placement

All students will take a credit bearing English course (either ENG 150 or ENG 151; honors students will have the option of taking ENG 153: Honors Writing Seminar. English course placement will be determined through the use of a placement assessment designed by the SU English department. Students cannot change their course selection (ENG 150 or ENG 151) after completion of the directed self-placement assessment.

Reading Placement

Some students may need to register for ENG 006#: College Reading Lab. Students have the option to test out of this course by completing the Reading Challenge Exam. For more information, visit Student Placement.

Placement Information in Foundational and Co-Requisite Courses

Foundational and co-requisite courses in the areas of mathematics and English (MATH 005#, MATH 035#, MATH 036#, MATH 037# and ENG 006#) are designed to improve skills in these content areas. Placement in and successful completion of foundational and co-requisite courses are required of students who do not demonstrate proficiency in the basic skill areas on the SAT, ACT, or the Stevenson placement assessments. Students who are placed into foundational courses are required to complete them during their first year at Stevenson. These courses do not receive college credit, are not calculated in a student's GPA, nor do they count toward the calculation of dean's list. However, they do count toward enrollment status for financial aid and full-time student status.

Placement for Transfer Students

Transfer students are subject to the same mathematics placement requirements as first-time Stevenson University students Transfer students who are not bringing in credit for ENG-151, will be placed in to ENG-150 if their overall transfer GPA is below a 2.0. Placement assessments (if needed) must be taken prior to registration.

Placement in Foreign Language Courses

Stevenson University offers elementary and intermediate level courses in French and Spanish. First-semester foreign language classes (101) are not open to native speakers or students with two or more years of high school study. Placement is required for second-semester classes (102) and intermediate levels (201 and 202). Incoming freshmen who have scored 500+ on the appropriate SAT subject test or who have completed three or more years of high school language within two years will be placed in an intermediate-level class. Placement can also be determined by scores on the Advanced Placement test, by International Baccalaureate achievement levels, or by a test or interview with an instructor. Full-time students interested in languages other than French and Spanish are eligible to participate in the Baltimore Student Exchange Program (BSEP) at area colleges and universities. Additional information about BSEP can be found in the Courses at Another Institution section under "Academic Information (p. 45)" in this catalog. Specific questions regarding foreign language placement should be directed to the chair of the English department. Native speakers may not earn foreign language course credit in their native language.

Reinstatement and Readmission

Reinstatement

Former Stevenson University students who were academically dismissed at the end of the last semester enrolled must apply for reinstatement to the University and go through the Academic Review Board process. Instructions to apply for reinstatement can be found on the Stevenson Admissions webpage under "Returning Students". Applications must be submitted no later than June 1 for the fall semester and January 2 for the spring semester. Upon receipt of the application, the Academic Review Board will schedule a meeting, interview the student, and make an appropriate recommendation. Reinstatement is not guaranteed.

Readmission

Students who attended Stevenson University and were in good academic standing at the end of their last semester at SU must apply for readmission if absent from the University for three or more consecutive semesters. Students must file the Application for Readmission, which can be downloaded from the Admissions website, with the Admissions Office. If the student attended any other college since leaving Stevenson, they must submit an official transcript from each college or university attended. Readmission is not complete until all official documents are received. Students are encouraged to apply early in order to take full advantage of early registration, advising, and course availability. Recommended deadlines for readmission are May 1 for the fall semester and November 1 for the spring semester. Normal processing time is approximately two weeks. Students who were absent from the University two semesters or less do not need to apply for readmission and should contact the Registrar's Office directly to register for classes. Official transcripts of any work taken at another institution must be submitted directly to the Registrar's Office.

Readmission of Service Members

In compliance with ED 34 C.F.R. 668.18 and the Department of Defense Voluntary Education Partnership Memorandum of Understanding, Stevenson University will promptly readmit students who—because of military service—must be absent from the University for more than 30 consecutive days or for fewer than 30 days if the absence results in a withdrawal from the University. For the purpose of this policy, military service is defined as "service, whether voluntary or involuntary, in the armed forces, including service by a member of the National Guard or Reserve, on active duty, active duty for training, or full-time National Guard duty under federal authority for a period of more than 30 consecutive days under a call or order to active duty of more than 30 consecutive days" (ED 34 C.F.R. 668.18).

Regulations governing the readmission of service members after an absence because of military service can be found in the Code of Federal Regulations. The notification of service and the intent to return to Stevenson required by the federal regulations should be made to Stevenson's School Certifying Official in the Registrar's Office.

Financial Information

Costs

Tuition and Fees (2022–2023)

Tuition and fees at Stevenson University for the academic year 2022–2023 are $38,678. Below is a list of tuition and fees for full-time and part-time students.

Full-time Students (students enrolled in 12 to 18 credits per semester)

Full-time tuition	$36,036
Full-time fees	$2,642
Full-time accident insurance (required) *charged in one term only*	$60
Full-time late payment fee per semester	$100
Full-time overload charge (per credit)*	$425

**Students interested in taking more than 18 credits will need to complete the "Permission for Overload Form."*

Part-time Students (students enrolled in less than 12 credits per semester)

Part-time tuition (per credit)	$900
Part-time fees**	$75
Part-time late payment fees	$100

** Charged per credit hour for students taking less than 12 credits. For current tuition and fee information about master's degree and accelerated undergraduate degree programs, see the *Stevenson University Online Undergraduate Catalog and the Stevenson University Graduate Catalog.*

Miscellaneous Charges

Application Fee (waived for online applicants)	$40
Return Check Fee	$25
Graduation Fee	$25

Annual Housing Charges and Deposits

Housing Charges and Deposits (annual)

SU Apartment	$10,800
SU Suite - Double	$ 9,078
Wooded Way Suite - Double	$ 9,556
Security deposit ($75.00 per semester)	$150

Single rooms are subject to availability and cost $1,600 in addition to the Double Suite price. Freshman B Room Singles cost $1,400 in addition to the SU Suite - Double cost.

Meal plans and cost information are available on the University website; housing charges listed above do not include the cost of the meal plan. Please consult Residence Life for specific information regarding meal plans.

For reservation deposits and information, contact Residence Life at 443-334-2588 or email reslifereception@stevenson.edu

Refund Policy

Tuition is refundable according to the following schedule for traditional undergraduate students. A partial refund may be made to students who withdraw from Stevenson University within the first 28 calendar days of fall or spring semester. Any credit balance remaining after these adjustments to the student's account will be refunded. Tuition and disbursed institutional aid will be adjusted in accordance with the Tuition Refund Policy within the first 28 calendar days of each semester. Federal financial aid will be adjusted in accordance with the Federal Return of Title IV calculation. The Title IV calculation is based on the day of attendance as a percentage of total days in the semester until 60%. Please note, accident insurance is not refundable after the 9th calendar day.

Fall and Spring Semester Tuition Refund Schedule

100%	First day through the 9th calendar day
75%	10th calendar day through 15th calendar day
50%	16th calendar day through the 21st calendar day
25%	22nd calendar day through 28th calendar day
0%	After the 28th calendar day

Summer and Winterim Sessions

100%	First day through drop without penalty date

0%	After drop without penalty date

Refunds are computed as of the date on which a written request for withdrawal is received in the Registrar's Office. Tuition and fees are charged based on course loads as of the last day of add/drop each semester. Charges will not be adjusted if courses are dropped after the last day to add/drop. Tuition refunds will only be processed if a student withdraws from the University within the first 28 calendar days of the fall or spring semester. No adjustment of semester charges will be granted to students who are suspended or expelled for academic or disciplinary reasons. The University reserves the right to suspend or dismiss at any time a student whose academic standing or general conduct is considered unsatisfactory.

Students receiving financial aid should review the refund policies described in the Financial Aid sections: Disbursement of Aid and Return of Title IV Funds Policy (p. 43).

Room and Board Refund Policy

Room and Board charges are refundable according to the following schedule. Written notification is required by completing the Release from Housing Contract Form. Housing releases approved by Residence Life are processed using the later of the date the written request was received and upon the student completing the proper check out procedures. Meal Plan refunds only apply to residents released from housing. Students cannot change meal plans after 9th calendar day. Financial Aid will be reviewed for students released effective within the first 9 calendar days.

Fall and Spring Semester Room and Board Refund Schedule

Daily rate	First day through the 9th calendar day
75%	10th calendar day through 15th calendar day
50%	16th calendar day through the 21st calendar day
25%	22nd calendar day through 28th calendar day
0%	After the 28th calendar day

Refund and Withdrawal Policy for Service Members

Stevenson University students who are called to active duty during the course of a term or session should contact the Assistant Registrar, VA Programs to formally withdraw for military service. For the purpose of this policy, military service is defined as "service, whether voluntary or involuntary, in the armed forces, including service by a member of the National Guard or Reserve, on active duty, active duty for training, or full-time National Guard duty under federal authority for a period of more than 30 consecutive days under a call or order to active duty of more than 30 consecutive days" (ED 34 C.F.R. 668.18).

Students who withdraw from the University for military service during the course of a term or session are eligible for a 100% refund of tuition and fees. Room and board expenses will be prorated based on the official date of withdrawal.

Students must supply a copy of military orders to be eligible for any tuition, fees, or room and board adjustments. Students receiving financial aid will be subject to the refund policies as provided by the federal or state agency sponsoring the aid. Department of Defense Military Tuition Assistance and Veteran's Education Benefits will be returned to the government agency as required.

Students who have to withdraw from the University after the add/drop deadline will receive a grade of W or I, depending on the amount of coursework completed and the expected length of the absence.

Financing Options

Stevenson University offers an option of a payment plan for the fall and spring semesters. Nelnet Campus Commerce serves as the administrator. The payment plan allows students and families to pay amounts due to the University in manageable monthly installments. The payment plan provides the benefits of easy, online enrollment, flexible payment options, no interest charges, and 24/7 easy account access. The enrollment fee is $50. Credit card/debit card and automatic bank (ACH) payments are accepted payment methods. For information visit mycollegepaymentplan.com/stevenson or call 800-609-8056.

Financial Aid

For the most current financial aid information, please refer to the SU Financial Aid Office website at Stevenson Financial Aid.

The website contains detailed information about the types of aid, governing rules, the application process, the Free Application for Federal Student Aid (FAFSA), policies, procedures, and forms. Links to helpful resources such as the U.S. Department of Education and the Maryland Higher Education Commission. Some information and current scholarship announcements are posted on the Financial Aid Office Facebook page.

Financing higher education is an important concern for many students and parents. Types of financial assistance available to students attending Stevenson University include federal grants and loans, Maryland state grants, and donor scholarships.

Stevenson University Scholarship and Grant Programs

Merit-Based Scholarship Program

In an effort to recognize outstanding students, Stevenson University supports a competitive merit-based scholarship

program with merit-aid ranging from $11,000 to $21,000 annually. Consideration for a merit-based scholarship is automatic when applicants meet the stated deadlines. These scholarships are evaluated and offered by the Admissions Office without any separate application. Scholarships amounts are based upon grade point average, high school course work, standardized test scores, and previous college course work for transfer students.

All Stevenson merit scholarships are available for a total of eight semesters as long as the student continues full-time enrollment and agrees to adhere to the Stevenson University ethics code.

Stevenson University merit-based scholarships are offered to students enrolled in traditional undergraduate programs are not transferable to accelerated or graduate programs of study. Stevenson University scholarship recipients who change their program from a traditional program to an accelerated program will forfeit these funds.

The Admissions Office offers additional specialty scholarship programs for freshman and transfer applicants. These scholarships typically have earlier deadlines and require separate applications. Detailed information on current scholarship programs, their application requirements, and deadlines is available at Stevenson Scholarships.

Stevenson Grants

These grants are available to qualified full-time students enrolled in traditional undergraduate academic programs. These grants are for students who demonstrate financial need and/or meet requirements based on our awarding policy.

Endowed Scholarships

Stevenson University offers scholarships from our endowment program. Award amounts start at $1,000. New students will be reviewed and considered for awards based upon meeting endowed-specified criteria. Returning students may apply for several endowed scholarships by completing a single application for those scholarships. The deadline for application is May 1. The application is available on the Stevenson University SU Now Portal.

The Stevenson University Financial Aid Office will inform students on the SU Now Portal of additional outside private scholarships as the application announcements become available.

Stevenson University Endowed Scholarship Funds

Students will be reviewed and considered for Endowed funds based upon specified criteria below. See Stevenson University Scholarship and Grant Programs (p. 32) for more information.

The **Abell Foundation Scholarship Fund** is available to deserving minority students who demonstrate financial need.

The **AEGON USA, Inc. Scholars Fund** provides assistance to an incoming freshman student with financial need who exhibits outstanding academic promise and leadership.

The **George I. Alden Trust Scholarship Fund** provides assistance to deserving students. A portion of this fund is reserved for non-traditional, adult students.

The **American Citizens for Italian Matters Endowed Scholarship** supports sophomore female students of Italian heritage who reside in Maryland and have a minimum 2.6 GPA and demonstrated financial need. Selection will be based on academic performance and participation in activities and leadership roles.

The **Sandra Barkin, RN Memorial Scholarship in Nursing** is offered to junior nursing students with financial need who exhibit a caring nature and involvement in community service.

The **Peter H. J. Bauer Endowed Scholarship Fund** provides support to academically deserving students with financial need within the greater Baltimore area.

The **BDO USA Endowed Scholarship** is offered to students with financial need in the accounting program.

The **Sandra and Malcolm Berman Family Endowed Scholarship in Nursing** provides assistance to nursing students with financial need who exhibit a caring and compassionate character and have a minimum 3.3 GPA.

The **James T. and Francine G. Brady Endowed Scholarship Fund** was created to respond to funding gaps experienced by returning junior and senior students. Candidates must have financial need and a minimum GPA of 2.5. Award is given one time only.

The **Dr. Joseph A. Brusini Scholarship for the Sciences** is offered to a junior student with financial need and a minimum 3.25 GPA. The student must be enrolled in a major in one of the following departments of the Beverly K. Fine School of the Sciences: the Department of Biological Sciences, the Department of Chemistry and Biochemistry, or a major in the physical sciences within the Department of Mathematics and Physics.

The **Bunting Family Foundation Endowed Scholarship** provides support to students with financial need.

The **Helen Fitzgerald Byrnes Endowed Scholarship for Graphic Design** provides support to a student in the visual communication design program with financial need to achieve academic excellence.

The **Maureen Knerr Byrnes Endowed Scholarship for Teacher Education** provides support for a student with financial need who is majoring in elementary education and exhibits leadership and involvement in community service.

The **Tori Chandler Endowed Scholarship** is offered to counseling and human services majors with financial need and a minimum 3.25 GPA. Preference may be given to students who have transferred from Carroll County Community College or another community college.

The **CohnReznick Accounting Scholarship** provides support to students in the accounting program. Recipients are selected based on financial need and an overall GPA of 3.2 or above.

The **Conrow Family Scholarship in History** is offered to students majoring in history with financial need and a minimum 3.5 GPA.

The **Barbara Smith Dannettel '61 Endowed Scholarship** is offered to junior year male students with financial need who exhibit leadership skills through participation in community service activities.

The **Geraldine and Sam Dell Scholarship for Character and Excellence in Business** is offered to an exceptional senior student in the Brown School of Business and Leadership who demonstrates strong ethical grounding and a work ethic resulting in academic and personal success.

The **Geraldine and Sam Dell Scholarship for Character and Excellence in the Sciences** is awarded to an exceptional senior student with a major in one of the following departments of the Beverly K. Fine School of the Sciences: the Department of Biological Sciences, the Department of Chemistry and Biochemistry, or the Department of Mathematics and Physics. Candidates must demonstrate strong ethical grounding and a work ethic resulting in academic and personal success.

The **Duncan-Ellis-McNally Endowed Accounting Scholarship** is offered to full-time, fourth-year students seeing a baccalaureate degree in accounting and is based upon merit and financial need with a strong priority on academic achievement. Candidates must have a minimum 3.5 GPA with a minimum grade of a "B" in ACC 202.

The **Henry and Pamela Felton Endowed Scholarship** provides assistance to students with financial need, a strong work ethic, a record of academic success, and a drive to make a difference in the community.

The **Linda Connolly Fenton Endowed Scholarship in Nursing** is offered to students with financial need and good academic standing enrolled in the nursing program.

The **Judith A. Feustle, ScD, RN Endowed Scholarship** is awarded to sophomore nursing students with financial need and a GPA of 3.2 or greater. Preference may be given to students who are the first in their family to attend college.

The **France-Merrick Foundation Scholarship** provides funds to first-generation collegians with financial need, especially minorities and residents of Baltimore City.

The **Franyo-Ehlers Endowed Scholarship for Counseling and Human Services** is a merit-based funds given to a full-time junior student in the counseling and human services major.

The **Hackerman Foundation Endowed Scholarship** provides tuition assistance to academically talented female students from historically underrepresented groups.

The **Shannon Henretty '14 Nursing Scholarship** supports nursing majors who are sophomores, juniors, or seniors with a minimum 3.2 GPA and financial need. Preference will be given to students involved in charitable causes.

The **Herget Endowed Nursing Scholarship** supports students enrolled in the nursing degree program, with preference given to candidates who express a desire to work for at least two years in a hospital in the state of Maryland after graduation. Recipients must be in good academic standing, have financial need, and demonstrate a high probability of success in the nursing profession.

The **Nancy Hubble Endowed Scholarship for First Generation Collegians** is offered to a freshman student with financial need and great academic promise who is the first in their immediate family to attend college.

The **Joseph S. Keelty Endowed Nursing Scholarship Fund** provides assistance to nursing students with financial need who are judged to have good academic standing and a high probability of succeeding in the nursing profession. Preference is given to students expressing a desire to serve as a nurse at the Greater Baltimore Medical Center for at least two years after graduation.

The **Joseph S. Keelty Endowed Scholarship Fund** provides assistance to students in good academic standing with financial need in any program area.

The **Honorable and Mrs. Francis X. Kelly Endowed Scholarship Fund** provides support to students with academic achievement who are the first in their family to attend college.

The **Knapheide Endowed Scholarship for Counseling and Human Services** is a merit-based fund given to a full-time senior student in the counseling and human services major.

The **M&T Bank Endowed Scholarship in Elementary Education** supports students with financial need enrolled in the elementary education program.

The **Nicholas B. and Mary C. Mangione Family Endowed Scholarship** supports nursing majors with good academic standing and financial need.

The **Kevin J. and Sara G. Manning Scholarship** is offered to an incoming freshman student who is the first in their immediate family to attend college.

The **Carolyn Manuszak Scholarship in Memory of Dr. T. J. Manuszak** provides assistance to incoming freshmen or new transfer students with financial need.

The **M. Carolee Martelle '63 '89 '97 Endowed Scholarship** supports students with financial need and a minimum 3.0 GPA who are pursuing a degree within the Brown School of Business and Leadership or the Beverly K. Fine School of the Sciences.

The **Mary McCarthy-Cohen '81 Scholarship** supports freshmen legal studies majors with financial need.

The **Hilda Lee Menning Endowed Scholarship for Nursing** is offered to students with financial need in the nursing program.

The **Middendorf Foundation Endowed Scholarship in Nursing** supports deserving nursing students with financial need enrolled in the pre-licensure nursing program.

The **Charlotte W. Newcombe Foundation Endowed Scholarship** provides support to students age 25 or above who are pursuing their first bachelor's degree, have earned at least 60 credits toward their degree, and have financial need and a minimum 2.5 GPA

The **Pugatch Family Endowed Scholarship for the School of Design** provides support to a junior student with financial need who lives in one of the university

residence halls. Recipients should have a declared major within the School of Design and demonstrate exceptional academic achievement.

The **Pugh Paralegal Scholarship** is offered to students with financial need and academic achievement in the legal studies program.

The **Gary A. and Joan O. Pyne Endowed Scholarship in Business** is offered to students who are urban youth, preferably from Baltimore City, with financial need and an interest in pursuing a career in business.

The **Donald B. Ratcliffe Endowed Scholarship Fund** provides assistance to students in good academic standing with financial need. Preference is given to nursing students.

The **Jennifer and George Reynolds Endowed Scholarship in Business** is offered to students with financial need enrolled in the business administration program with an interest in communications.

The **Reynolds Endowed Scholarship** supports middle class students with financial need and a minimum 3.0 GPA.

The **James E. Roberts Memorial Theatre Fund** provides a merit-based funds for a junior theatre student.

The **SC&H Group Endowed Scholarship** supports students with financial need in the accounting program.

The **Kimberly Serio Memorial Scholarship** provides assistance to an incoming freshman student who has experienced financial hardship and is determined to continue their education.

The **Susan Palmer Slattery, Ph.D. Endowed Scholarship** is offered to a female senior student with a major in the Department of Mathematics, the Department of Biological Sciences, or the Department of Chemistry and Biochemistry. Recipient must have a minimum 3.7 GPA and complete the competitive application process.

The **James M. and Margaret V. Stine Foundation, Inc. Endowed Scholarship in Support of the Brown School of Business and Leadership** is offered to students demonstrating high academic standards and financial need, and majoring in a discipline within the Brown School of Business and Leadership.

The **Honorable Robert F. Sweeney Scholarship** supports students with demonstrated financial need in the legal studies program.

The **Mary Tourney Emergency Book Fund** provides assistance to students for textbooks. Student need is determined based on federal eligibility requirements.

The **Jo-Ellen Turner, Ph.D. Endowed Scholarship in English** is offered to academically deserving juniors and seniors majoring in English language and literature with a demonstrated interest in literature and writing through course work achievement and participation in extracurricular activities related to the field.

The **Vincent O. Versace Memorial Scholarship** supports a junior student majoring in a STEM program who has financial need and a minimum 3.2 GPA.

The **Sheila A. Walsh '92 '03M Endowed Scholarship** supports non-traditional students with financial need who are committed to acquiring a degree in order to advance their career and are committed to making a positive difference in the world. Preference would be given to a student willing to volunteer with the Dyslexia Tutoring Program of Baltimore or other volunteer program which supports literacy.

The **Bertha G. Wegad, RN Memorial Endowment Fund for Scholarships to Nursing Students** provides support for deserving nursing students.

Stevenson University Annual Scholarship Funds

Students will be reviewed and considered for funds based upon specified criteria below. See Stevenson University Scholarship and Grant Programs (p. 32) for more information.

The **Accounting Association Scholarship** is a merit-based scholarship for junior or senior accounting majors.

The **Asset Strategy Consultants Annual Scholarship** supports deserving students with financial need.

The **Associated Italian American Charities of Maryland** provides scholarships for students of Italian descent in good academic standing with financial need.

The **Bareham, CPA, PA Annual Scholarship** supports a sophomore, junior or senior accounting major with good academic standing and financial need. Preference will be given to female students of non-traditional age.

The **BGE Annual Scholarship** supports students with good academic standing and financial need who agree to adhere to Stevenson's code of ethics.

The **Brotman Financial Group, Inc. Emergency Scholarship Fund** supports junior and senior students who fall short of the funding needed to return to Stevenson University for their studies. Preference is given to students from the Brown School of Business and Leadership, as well as English language and literature majors. This scholarship is given one time only.

The **Capitol Office Solutions Annual Scholarship** supports students with good academic standing and financial need.

The **Cigna Annual Scholarship** supports students with good academic standing and financial need.

The **Clearview Group Annual Scholarship** supports a full-time undergraduate rising junior or senior in the accounting program with demonstrated financial need, a minimum 3.0 GPA, and with active participation in at least one extracurricular activity.

The **Jo-anna Conrey '62 '86 '92 Annual Scholarship** is offered to a first-generation college student with demonstrated financial need, with preference for an incoming freshman and minority student.

The **Lisa Dobbs Derryberry '77 Annual Scholarship** supports students with financial need who are pursuing a major in the Brown School of Business and Leadership and have a minimum 2.5 GPA. This scholarship is given one time only.

The **E. C. Wareheim Foundation** provides a scholarship to deserving students with financial need.

The **Element Financial Corporation Annual Scholarship** is offered to a student with financial need and a

minimum 3.0 GPA who is majoring in business administration or business communication.

The **Linda Connolly Fenton Annual Scholarship in Nursing** is awarded to students in the nursing program with financial need and academic achievement.

The **R.H. Fewster Painting Annual Scholarship** is offered to a full-time undergraduate student with financial need and a minimum 3.0 GPA.

The **Frankel Sims Law Emergency Scholarship** is for junior or senior students who fall short of the funding needed to return to Stevenson for their studies. This scholarship is given one time only.

The **Dr. Gerald and Carole '85 Glowacki Annual Scholarship for Science and Mathematics Education** supports junior students with financial need and a minimum 3.5 GPA who are majoring in middle school education with a concentration in math and science.

The **Gross Mendelsohn Annual Scholarship** supports junior or senior accounting majors with financial need and a minimum 3.0 GPA. This scholarship is given one time only.

The **Hahn-Waidner Scholarship** is a merit-based funds given to the top four academically performing students in both the junior and senior classes of the legal studies program.

The **Handwerger, Cardegna, Funkhouser & Lurman Annual Scholarship** supports accounting majors with financial need and a minimum 3.0 GPA.

The **Herbert J. and Martha Ginn Hoelter Scholarship** is offered to students majoring in criminal justice with financial need and a minimum 2.5 GPA.

The **Susan Fisher Humphries '70 Scholarship for Future Educators** is offered to students with financial need and a minimum 3.0 GPA who are pursuing a degree within the School of Education.

The **Ebony Hypolite '06 Annual Scholarship** is offered to junior or senior students with a minimum 3.5 GPA, significant involvement in community service, and financial need.

The **Independent College Fund of Maryland (I-Fund)** provides a variety of designated and competitive scholarships for students attending Stevenson University and Maryland's other independent institutions.

The **Diane Jacobs Scholarship** provides funds for students with financial need who have overcome personal challenges to continue their education.

The **Brenda Bowe Johnson, Ph.D. Scholarship for Women in Science** is awarded to female students with financial need and a minimum 2.5 GPA who are majoring in biology, chemistry, or biochemistry.

The **Kahlert Foundation Annual Scholarship** benefits full-time undergraduate students with financial need and a minimum 2.5 GPA who are pursuing a degree in Biomedical Engineering in the Beverly K. Fine School of the Sciences.

The **Deborah J. Leather Business Administration Academic Leadership Scholarship** is a merit-based funds that provides tuition support to students pursuing a degree in business administration. The purpose of the scholarship is to assist a student who has demonstrated exceptional academic individual or team leadership. This leadership will be demonstrated through formal academic mentorship to other students; progressive development of academic leadership aptitude or professional skills as observed by a member of the Department faculty; significant increase in one's personal academic identity and positive visibility in class or in other academic settings; and/or providing key academic oversight in a sponsored student academic competition. Depending on the competitive pool, more than one scholarship may be awarded for the year.

The **Loats Foundation Annual Scholarship** is offered to a deserving student from Frederick County, Maryland, with financial need and a minimum 3.0 GPA. Preference will be given to an orphan or member of a single-parent household pursuing a degree in public service.

The **Bradley and Shirley MacDonald Annual Scholarship** supports students with financial need and a GPA between 2.0 and 3.0. Candidates should also be dedicated, hardworking, have overcome obstacles to achieve success, and committed to making a difference for good in the world. The scholarship is given one time only.

The **Maryland CIO Roundtable Annual Scholarship** is a merit-based funds for junior or senior students with financial need and a minimum 3.0 GPA who are pursuing a degree in business information systems or in computer information systems. Recipients must possess leadership qualities and a desire to work in the field of IT management after graduation.

The **Whitley A. Mayo Scholarship for Minority Women in Forensic Science** is offered to an African-American female enrolled as a full-time student in the Forensic Science Master's Program with financial need and a minimum 3.0 GPA. The recipient must be a resident of Maryland and must be on track to complete the Master of Forensic Science Program by the end of the academic year in which the student receives the scholarship.

The **MedStar Franklin Square Medical Center Nursing Scholarship** is offered to a senior nursing student who wishes to participate in a practicum at Franklin Square Medical Center. Recipients must complete a competitive application and interview process and agree to a two-year employment commitment at Franklin Square Medical Center.

The **Mercy Medical Center Nursing Scholarship** is offered to a senior nursing student who wishes to participate in a practicum at Mercy Medical Center. Recipients must complete a competitive application and interview process and agree to a two-year employment commitment at Mercy Medical Center.

The **Merritt Properties Annual Scholarship** supports incoming freshman students with great financial need who are also deemed at-risk due to environment or family situation, with preference given to students who are orphans or are aging out of the foster care system.

The **Mister, Burton Annual Scholarship in Accounting** is offered to sophomore, junior, or senior students who are majoring in accounting and have financial need and a minimum 3.5 GPA. Award is given one time only.

The **Claire Moore Scholarship** is offered to a senior student with financial need and involvement on campus.

The **Mount Royal Printing and Communications Annual Scholarship** supports students with good academic standing and financial need who are pursuing a major within the School of Design.

The **Sheela Murthy and Vasant Nayak Scholarship** is offered to a student who is a legal studies major, has financial need, maintains a minimum 3.0 GPA, and demonstrates a strong work ethic.

The **PMM Companies Annual Scholarship** provides one or more scholarships to students with financial need.

The **RCM&D Foundation Scholarship** supports students enrolled in a major within the Brown School of Business and Leadership with financial need and good academic standing.

The **Rotary Club of Baltimore Student Scholarship** is available to students with financial need living in the Baltimore metropolitan area, who have demonstrated academic excellence and involvement in community activities.

The **Herman and Walter Samuelson Foundation Scholarship for Nursing** is offered to nursing students. Recipients must complete a competitive application and interview process and agree to an employment commitment at Sinai Hospital.

The **Paul Mark and Peggie Sandler Legal Studies Scholarship** is offered to junior or senior students who are legal studies majors with financial need and a minimum 3.0 GPA. The scholarship is given one time only.

The **Sandy Spring Bank Annual Scholarship** is granted to deserving students with financial need.

The **Eugene and Jeanne Savage Scholarship** supports students with financial need and a minimum 3.0 GPA. Preference may be given to students with demonstrated participation in service activities.

The **Jason Schneider Memorial Scholarship** is a merit-based scholarship for students majoring in criminal justice with a minimum 3.0 GPA who are Maryland residents.

The **Dennis A. Starliper Annual Scholarship** supports accounting majors with financial need and a minimum 3.0 GPA.

The **James and Jacqueline Stradtner Scholarship for Early Childhood Education** is offered to students majoring in early childhood education with financial need and a minimum 3.0 GPA who reside in Maryland.

The **Stephanie Giles Suit '05** is granted to students with financial need and a minimum 3.0 GPA who are pursuing a degree within the Beverly K. Fine School of the Sciences, or majoring in Medical Laboratory Science.

The **Superior Supply Ltd Annual Scholarship** is offered to junior or senior first-generation college students with financial need and good academic standing.

The **University of Maryland/St. Joseph Medical Center Nursing Scholarship** is offered to a senior nursing student who wishes to participate in a practicum at St. Joseph Medical Center. Recipients must complete a competitive application and interview process and agree to a two-year employment commitment at St. Joseph Medical Center.

The **Judith Waranch Annual Scholarship** is offered to a female sophomore, junior, or senior student with financial need and a minimum 2.5 GPA. Candidates must demonstrate a commitment to community activism and problem-solving through past or current actions and/or future ambitions, as well as determination, creativity, and leadership.

The **Judith Waranch Scholarship for International Study** is offered to female students with financial need and a minimum 2.5 GPA who participate in an SU-approved study abroad experience.

The **Marcella Wood '93 '97 Annual Scholarship** is offered to female students with financial need and an approximate 2.5 GPA. Preference given to students involved in charitable causes.

The **Young Forever Annual Scholarship** supports a student with financial need and a minimum 3.0 GPA, with a preference for an incoming freshman.

More information about Stevenson scholarships and grants is available from the Financial Aid Office.

Federal Financial Aid Programs

The **Federal Pell Grant Program** is offered based on exceptional need as defined by the federal government. It is free money and does not have to be repaid. Pell Grants are offered to eligible undergraduate students who have not earned a bachelor's degree. The aid amount depends on the student's Expected Family Contribution (EFC) and full- or part-time enrollment. Maximum grants for the 2022-2023 academic year are $6,895. A student can apply for a Pell Grant by completing the ***Free Application for Federal Student Aid (FAFSA)***. A student's 'lifetime' eligibility for a Federal Pell Grant is limited to 12 semesters total (or its equivalent).

The **Federal Supplemental Educational Opportunity Grant Program (FSEOG)** provides financial assistance to undergraduate students who are enrolled at least half-time and demonstrate exceptional financial need. Priority is given to Pell Grant recipients pending fund availability. The ***FAFSA*** is required.

The **Federal Direct Student Loan Program** allows eligible students to borrow low-interest subsidized and unsubsidized loans to help finance their educational expenses. The lender is the U.S. Department of Education. All borrowers must enroll at least half-time (6 credits) and complete the ***FAFSA***. New direct loan borrowers must also complete online entrance counseling and a ***Master Promissory Note (MPN)***.

The maximum amount a student can borrow each year depends on the class level and whether or not a student is classified as a dependent or independent student.

Class Level	Dependent Student	Independent Student
1st -year undergraduate	$5,500	$9,500
2nd- year undergraduate	$6,500	$10,500
3rd- and 4th-year undergraduate	$7,500	$12,500
Graduate	NA	$20,500 (all unsubsidized)

The Federal Direct PLUS (Parent) Loan Program is for the biological or adoptive parent of dependent students. The stepparents of dependent students are also eligible if their financial information is included on the ***Free Application for Federal Student Aid (FAFSA)***. The U.S. Department of Education requires all students to complete the ***FAFSA*** to be considered for PLUS loans. The U.S. Department of Education is the lender for this loan program rather than a bank or other financial institution. Direct subsidized loans are for students with demonstrated need, as determined by federal regulations. No interest is charged while a student is in school at least half-time, the first six months after leaving school (referred to as a grace period), and during a period of deferment (a postponement of loan payments). Direct unsubsidized loans are not based on financial need; interest is charged during all periods. *Note: If a students received a Direct Subsidized Loan that was first disbursed between July 1, 2012, and July 1, 2014, the student will be responsible for paying any interest that accrues during the student's grace period. If a student chooses not to pay the interest that accrues during the grace period, the interest will be added to the principal balance.

The **Federal Work-Study Program (FWS)** provides on- and off-campus employment for students with financial need to earn money to help pay education expenses. This program allows students to work around their class schedules while obtaining valuable work experience. Students will receive a bi-weekly paycheck for hours worked. Unlike grants and loans, a student cannot apply their FWS to their account for payment of tuition and fees. Jobs are available on-campus and at various community service off-campus sites. Undergraduate students enrolled at least half-time (six credit hours) may be employed under the program.

More detailed information about the federal student aid programs is available on the Financial Aid Office website at Stevenson Financial Aid.

Maryland State Programs

The Maryland Higher Education Commission (MHEC) sponsors numerous grant and scholarship programs for Maryland residents. The state of Maryland offers an on-line inquiry system that allows students to view the status of their financial aid application and/or grant information.

The Howard P. Rawlings Educational Assistance Grant is for current high school seniors and full-time, degree-seeking undergraduates may apply for this need-based grant by completing the FAFSA by March 1. Students and their parents (if the student is dependent) must be Maryland residents. Audited courses cannot be used to reach the minimum credit hours required for full-time status. Late applicants are placed on a wait list. Grants ranging from $400 to $3,000 may be renewed annually if the student maintains satisfactory academic progress, completes the FAFSA by March 1, continues to show financial need, and successfully completes 24 - 30 credits. The Howard P. Rawlings Guaranteed Access Grant is available to current high school seniors who will complete a college preparatory program with a minimum, cumulative, unweighted 2.5 high school GPA. Applicants must enroll at a Maryland college or university as a full-time, degree-seeking undergraduate student; meet certain income requirements, (which change yearly and are posted on MHEC's webpage) and complete the FAFSA. To renew MHEC funding, students must maintain satisfactory academic progress, submit the FAFSA by March 1, continue to demonstrate financial need, and successfully completes 30 credits.

The Senatorial Scholarship Program is offered to current high school seniors and students enrolled at least half-time in a degree-seeking, undergraduate or graduate program. Applicants must complete the FAFSA by March 1 and contact their senator in February for further instructions.

The Delegate Scholarship Program is offered to current high school seniors and students enrolled at least half-time in a degree-seeking, undergraduate or graduate program. Applicants must complete the FAFSA by March 1 and contact their delegates in February for further instructions. A detailed list of all state of Maryland financial aid assistance programs and applications is available on the web site of the Maryland Higher Education Commission at mhec.state.md.us. State financial aid assistance is based on the availability of funds. Information about grants and other financial aid programs for residents of other states can be found at finaid.org and select the link for "US State Government Aid."

The Teaching Fellows for Maryland Scholarships is for students who are enrolled or plan to enroll at an eligible institution in an undergraduate or graduate program who are seeking to pursue a course of study or program in an academic discipline leading to a Maryland professional teacher's certificate must fulfill the following requirements.

- Be a Maryland resident or have graduated from a Maryland high school.
- Be currently enrolled in high school and have an overall GPA of 3.3 on a 4.0 scale or its equivalent after completion of the first semester of the senior year or be currently enrolled as a full-time undergraduate student at an eligible institution.

- Have a cumulative GPA of 3.3 on a 4.0 scale and have made satisfactory progress toward a degree in an academic discipline leading to a Maryland professional teacher's certificate.
- Achieved a score 500 on the reading and math portions of the SAT, with a combined score of at least 1100 or achieved a composite ACT score of 25; or achieved a score of 50% on the GRE and have demonstrated an exceptional dedication to or aptitude for teaching.
- The students must agree to work as public school or public pre-kindergarten teachers in the state. For more information please visit: MD Teaching Fellows

A recipient is eligible to receive an scholarship amount of 100% of the annual tuition and mandatory fees of a resident undergraduate student or graduate student, as appropriate, at the University of Maryland College Park (UMPC) and 100% of the room and board of a resident undergraduate student or graduate student, as appropriate, at the institution; or 50% of the annual tuition and mandatory fees of a resident undergraduate or graduate student, as appropriate, at the institution and 100% of the room and board of a resident undergraduate student or graduate student, as appropriate, at the institution. A private nonprofit institution must provide a matching scholarship in an amount equal to the state scholarship provided for tuition and fees only.

The Cybersecurity Public Service Scholarship Program supports students who are pursuing an education in programs that have been identified by the Secretary of Higher Education as being directly relevant to cybersecurity.

To be eligible for this scholarship students must fulfill the following requirements.

- Eligible for in-state tuition under the provisions of Education Article, Title 15, Annotated Code of Maryland.
- Enrolled full-time at a public or a private non-profit institution in the state in an approved credit-bearing degree or an approved credit-bearing certificate program and be within two years of graduation from the student's program.
- Maintain a cumulative GPA of at least a 3.0 while enrolled at the institution in an approved cybersecurity field. Student cannot be receiving a Federal Cyber Corps Scholarships for Service.

The amount of the Cybersecurity Public Service Scholarship shall be in the amount prescribed by MHEC and may be used to pay for education expenses as defined by MHEC, including: tuition and mandatory fees; and room and board. For more information please visit: Cybersecurity Scholarship Program.

Veterans' Benefits

Stevenson University is approved by the Maryland Higher Education Commission for the training of veterans under the Veterans Readjustment Benefits Act of 1966, Public Law 89-358.

A veteran desiring to determine eligibility under any of the VA chapters may obtain information and an application at How to apply for VA benefits. After the veteran has received the Certificate of Eligibility, the student should contact the School Certifying Official (SCO) in the Registrar's Office at veteransbenefits@stevenson.edu to request certification of enrollment. The veteran will email the SCO their Certificate of Eligibility. Each semester, veterans should complete the Declaration of Intent. This form is available through the Student Menu in WebXpress under forms link. The submission of the form signals the student's intent to receive veterans' benefits for the upcoming semester.

If a student who receives VA benefits changes their enrollment status (dropping, adding, or withdrawing from a course) it can impact those benefits. It is critical that the student contacts the SCO in the Registrar's Office to determine the impact, if any, of these changes. Attendance will be verified at midterms. If a student is reported as not attending, they will be contacted and advised of the repercussions of non-attendance. Please note: the VA does not pay for grades of FX. FX grades are assigned when a student stops attending classes prior to the withdrawal deadline, yet fails to officially withdraw. Students who do not attend classes and are awarded grades of FX will be reported to the VA and will be required to repay benefits to the VA and Stevenson University.

According to the Veterans Benefits and Transition Act of 2018 section 3679 (e) of Title 38, United States Code, a covered individual is any student who is entitled to Veteran Readiness & Employment (VR&E, Chapter 31) or Post-9/11 GI Bill® (Chapter 33) education benefits. Stevenson University will permit any covered individual to attend or participate in the course of education from the date on which the individual provides to the University a certificate of eligibility for entitlement to educational assistance under Chapter 31 or Chapter 33 and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution.
2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Stevenson will not impose any penalty, including assessment of late fees or the denial of access to classes. libraries, and other institutional facilities, on any covered individual who is unable to meet financial obligations to the institution due to delayed disbursement of funds from the VA under Chapters 31 or 33. Stevenson will not require covered individuals to borrow additional funds. Stevenson University reserves the right to follow normal collection procedures for any difference between the amount of a covered individual's financial obligation and the amount of the VA education benefit disbursement.

To qualify for this provision, students must provide a Certificate of Eligibility or VA Form 28-1905; a Declaration of Intent, which can be accessed under the forms section of the Student Menu on WebXpress; and any additional information required to properly certify enrollment.

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at http://www.benefits.va.gov/gibill.

Post 9/11 GI Bill® and Yellow Ribbon Program

The Yellow Ribbon program is part of the Post 9/11 GI Bill® specifically designed for students wishing to attend private colleges and universities. This program allows institutions of higher learning to fund tuition expenses that exceed the Department of Veteran Affair's annual cap. For the 2022 - 2023 academic year, the VA will pay a maximum of $26,381.72 to any private college or university, based on a student's percentage of eligibility. For eligible students, Stevenson and the VA will divide any remaining tuition and fee charges 50/50 so that they are covered in full. Please note that tuition and fees do not include on-campus housing or meal plan charges; these expenses need to be paid by the student.

Stevenson currently offers unlimited enrollment to eligible students. Only veterans entitled to the maximum benefit rate (based on service requirements) or their designated transferees may receive this funding. Starting August 1, 2022, you may become eligible for the Yellow Ribbon Program if you're currently an active-duty service member who qualifies at the 100% level (you already served on active duty for at least 36 months) or if you're a spouse using the transferred benefits of an active-duty service member who meets these qualifications.

Veterans interested in using veterans' educational benefits should submit their application online through the Department of Veterans' Affairs website. The VA will determine eligibility and will send the student a Certificate of Eligibility (COE) which will indicate their percentage of benefits (50-100% based on length of service), as well as the amount of time awarded. For information on how to apply to transfer benefits to dependents, visit the GI Bill's® website: VA Transfer of Benefits. The student should forward the COE to the school certifying official located in the Registrar's Office as soon as it is received. Any questions regarding the use of educational benefits should be directed to the school certifying official located in the Registrar's Office.

''GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at benefits.va.gov/gibill."

Tuition Assistance (TA) and Maryland National Guard Benefits

Tuition Assistance (TA) is a benefit paid to eligible service members. TA is available for courses offered in the classroom or online and is part of an approved academic program or certificate. Students should submit the appropriate documents to the Student Accounts Office certifying that they have approval for TA. Active duty service members must speak with their Educational Service Office (ESO) or counselor within their military service prior to enrolling. A joint education agreement also exists between the Maryland National Guard and Stevenson University. Active Guard members enrolled in a traditional undergraduate program can receive a maximum of a 50% tuition discount for the first six credit hours per semester. The cost of the first six credit hours will be based on the traditional undergraduate part-time per credit rate. The appropriate paperwork should be submitted to the Student Accounts Office to qualify for this discount. Service members desiring information about courses and degree requirements should contact the School Certifying Official in the Registrar's Office.

Qualifying for Need-Based Aid

Financial aid programs were created by the federal government and based on the premise that the primary responsibility for paying for college rests with the student and their family. Need-based financial aid is available to families who demonstrate a need for additional resources to help pay college costs. Stevenson University is committed to helping students cover their college costs through a variety of grants, work-study, and loan programs.

The formula used to determine whether a student is eligible for need-based aid is: Cost of Attendance (COA) <minus> Expected Family Contribution (EFC) = Financial Need.

Aid Application Procedure

In order to apply for federal aid, the student must

- Apply for admission to Stevenson University and be an accepted student to receive a financial aid offer.
- Complete the online Free Application for Federal Student Aid (FAFSA) at FAFSA.gov.
- The Stevenson University federal school code is #002107 and the priority filing deadline for the fall semester is February 15.

Financial aid offer letters are valid for one academic year. Students must reapply for aid by filing the FAFSA every year between October 1 and February 15 for the following year to ensure maximum consideration of aid.

Student Eligibility Requirements

In general, to receive aid from the federal student aid programs, students must:

- Be a U.S. citizen or eligible non-citizen. Have a high school diploma, General Educational Development (GED) certificate, or have completed a high school education in a home school setting that is recognized as a home school or private school under state law.
- Enroll in an eligible program as a regular student seeking a degree or certificate.
- Meet satisfactory academic progress standards set by Stevenson University.

The Financial Aid Office must:

- Certify that the student is not in default on a federal loan or owes money on a federal grant.
- Certify that the student will use federal student aid only for educational purposes.

Additionally, most financial aid programs require at least half-time enrollment (6 credits for undergraduate students; 3 credits for graduate students) each semester.

Most scholarships require full-time enrollment. Please see the individual financial assistance programs for minimum credit requirements.

Stevenson University is responsible for administering the Federal Campus-Based Programs, i.e., Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work-Study, and institutional need-based funds. Offers letters are made reasonably available to all eligible students who meet the program requirements. Individual offer letters consider demonstrated need, program eligibility, and the availability of funds for the payment period. In the event that the number of eligible students exceeds the availability of funds, the University will give preference to those students demonstrating the greatest financial need. The determination of greatest financial need will consider grant and scholarship aid from all public and private sources.

For maximum consideration of aid, students are encouraged to apply for financial aid each year by completing the FAFSA between October 1 and February 15 for the following fall semester.

Offering of Aid

Cost of Attendance and the Expected Family Contribution

Cost of Attendance (COA or budget) represents a reasonable estimate of the cost of attending the university for a 9-month academic year (fall and spring semesters). The Financial Aid Office determines student budgets every year as a basis for offering financial aid funds. The student's budget includes direct costs: tuition, fees, room, and board; and indirect costs: allowances for books, supplies, transportation, and personal/miscellaneous expenses. Direct costs are charges for which the student will be billed directly by Stevenson. Indirect charges are costs incurred as a result of going to college, but for which a student is not necessarily billed. Actual charges vary depending on the choice of program, enrollment, and living arrangements (for example, apartment vs. double occupancy).

The Expected Family Contribution (EFC) is an amount that the student and their family is expected to pay toward the cost of attendance; it is not the bill, is not the amount of federal aid the student will receive, and is not the amount the student will pay. It is a number used by the University to calculate how much financial aid a student is eligible to receive.

The EFC is derived from a formula created by the federal government and is calculated based on the information provided on the student's FAFSA. A family's taxed and untaxed income, assets, and benefits all could be considered in the formula. The family size and the number of family members who will attend college during the year are also considered.

Disbursement of Aid

Funds will post to a student's account after the financial aid census date. The census date typically marks the end of the add/drop period for the semester. This is the date a "snapshot" is taken of all students' enrollment to establish the "official enrollment" for reporting purposes and financial aid eligibility.

The classes for which a student is registered as of the census date determines the amount of financial aid they will receive. Enrollment as of the census date will be compared to the enrollment status on the student's offer letter to determine if the eligibility requirements are still being met for each of the aid programs listed. Offer letter revisions are sent via email to a student's campus address. It is possible for a student's aid to be increased, decreased, or even canceled. Revisions may be necessary because of changes in housing status, academic status, enrollment status, verification, conflicting information, additional resources, fraud, availability of funds, federal or state regulations, and computation error.

If a student increases or reduces the number of credits in which they are enrolled before the census date, the financial aid may be adjusted, as appropriate, for the new enrollment level. If aid is reduced and a balance on the SU account is created, the student will be responsible for payment. If credits are added after the census date, aid will not be increased. Aid may be affected if the student is taking courses that begin after the census date. For example, if a student is enrolled in a traditional undergraduate program and taking a class that starts after the census date, the Federal Pell Grant will not be disbursed until after the last drop date for which the student is enrolled. If the student fails to begin attendance in all classes, the grant will be reduced accordingly. Loans will disburse when the student reaches half-time enrollment. Financial aid may also be affected if a student submits FAFSA information or corrections after the census date.

The Financial Aid Office should be notified immediately concerning any changes in enrollment or campus housing. Please note:

- Accelerated Students - Enrollment status is monitored after the drop date for each of the sessions for which a student is enrolled during the semester. Once half-time enrollment is attained, the Financial Aid Office will disburse loan funds. The student must be enrolled at least half-time at the time of disbursement. Federal grants will post after the LAST drop date for all sessions for which a student is enrolled in the semester.
- At the latest, state scholarships and grants will post upon receipt of the actual funds from the state of Maryland; generally, November for the fall semester, March for the spring semester.
- Work-study earnings are not posted to student accounts. The student will receive a bi-weekly paycheck directly from Stevenson University.
- Private scholarships from independent sources will be credited upon receipt of these funds by the SU Student Accounts Office. Often these scholarships are sent to the University in one check and, therefore, post as a single disbursement for the fall semester.
- Credit Balance - For those students with a credit balance resulting from financial aid, a refund check will be issued by the SU Student Accounts Office after aid is posted from all sources. State aid recipient refund checks may be delayed due to the receipt date of these funds.

Book Vouchers

Under certain circumstances, students may be eligible for a book voucher if their total aid exceeds their total charges. Book vouchers are applied to a student's SUOne card and can only be used, in person, at the University store. For more information, contact Student Accounts at 443-334-3500.

Master Promissory Note, Annual Student Loan Acknowledgement, and Loan Entrance Counseling

To make certain that student loan borrowers are given the most up-to-date information on student loans, all borrowers are required to complete an online entrance counseling session. This information will apply when the student begins repayment of their loans.

First time borrowers are required to complete entrance loan counseling before the Financial Aid Office can process their loan. The purpose of the entrance counseling is to ensure students understand their rights and responsibilities as a new loan borrower as well as the regulations governing each loan program, such as interest rates, grace, deferment/forbearance options, prepayment, consolidation, and other general repayment obligations. Students will be informed of the consequences of not repaying their student loans (default) and of various repayment strategies. Instructions for completing the Entrance Counseling and the Master Promissory Note are included in the publication Financial Aid Guide. For more information on the Direct Loan Program, visit the federal website at student aid.gov.

Annual Student Loan Acknowledgement (ASLA) will have to be completed annually for federal aid to disburse to a student's account. Instructions for completing ASLA are included in the publication *"Financial Aid Guide."*

All student loan borrowers are required to complete exit counseling before graduating or withdrawing from Stevenson University or ceasing to enroll at least half-time.

Financial Aid Verification

All Federal financial aid programs and many state and University aid programs require the submission of the Free Application for Federal Student Aid (FAFSA).

The IRS Data Retrieval Tool can be used to complete the FAFSA if a student choose to use it. This tool allows students and parents to pull tax information directly from the IRS database. Many students and parents complete the FAFSA using estimated taxes. The IRS Data Retrieval Tool should be used after the annual tax returns are filed.

Financial aid applicants may be selected for a process called verification by the U.S. Department of Education and Stevenson University. This review process requires applicants to submit income documents and other information as requested by the University. Selected applicants will be notified by the SU Financial Aid Office in writing. Failure to provide the required documents or successfully complete the IRS Data Retrieval directly through the FAFSA will prevent the student from being officially offered aid. More information about the verification process and the IRS Data Retrieval Tool may be found on the Financial Aid Office website at Stevenson Financial Aid.

Using Federal Financial Aid to Pay for Repeating a Course

Effective July 1, 2012, a student may use federal financial aid only one time to pay for repeating a course previously passed. If the student received a grade higher than an "F", this is considered passing by the Department of Education regulations and they may then only repeat that course one time using federal financial aid. If the student has not received a passing grade previously in the course, there is no limit to how many times the course may be retaken, provided satisfactory academic progress policy guidelines are met. Continually repeating courses may eventually impact the requirements affecting Satisfactory Academic Progress (SAP).

Continued Eligibility

Financial aid offers are valid for one academic year. Students must reapply for aid by filing the FAFSA every year between October 1 and February 15 to ensure maximum consideration of aid.

Financial Aid Satisfactory Academic Progress (SAP)

Financial aid recipients are required to be in good academic standing and maintain satisfactory academic progress (SAP) toward their degree requirements. SAP is the term used to define successful completion of coursework to maintain eligibility for student financial aid. Federal regulations require the SU Financial Aid Office to establish, publish, and apply standards to monitor a student's progress towards a degree. Satisfactory academic progress, as described below, is evaluated annually (end of the spring semester) and cumulatively by the Financial Aid Office regardless of whether financial aid was received at the time. Progress is determined quantitatively (credit hours versus hours earned and maximum time frame) and qualitatively (grade point average). Failure to maintain satisfactory academic progress may result in the suspension of federal and state financial aid eligibility. The Financial Aid Office will notify students who do not meet satisfactory academic progress by mail and by email to their University email account.

SAP for financial aid eligibility should not be confused with the University's academic progress policy. These are two distinct and totally separate policies. It is entirely possible to fail to meet minimum standards of one policy and pass the minimum standard of the other.

Quantitative standard: Undergraduate students receiving financial aid must maintain a minimum cumulative grade point average (GPA) and make steady progress toward the completion of their degree as listed below. The maximum time frame for program completion of a degree program is defined as 150% of the credits required to complete the degree. For example, a typical bachelor's degree at Stevenson University requires 120 credits: 120 x 150% = 180. Therefore, 180 credits is the maximum that can be attempted and receive financial aid.

Students must complete a minimum of 67% of the cumulative courses attempted to remain eligible. Transfer credits accepted by Stevenson University will be included in the progress completion requirement as well as in the maximum attempted credits. Please note, students must graduate with a cumulative 2.00 grade point average.

Credits passed/credits attempted = % completed

Attempted credits include the following:

- Graded credits (A, A-, B+, B, B-, C+, C, D, F, FX, P)
- Incomplete grades (I)
- Withdrawn credits (W, WF)
- Repeat courses (if taken to replace failing grades)
- Audited courses
- Transfer credits
- Foundational courses may be taken up to a maximum of 24 credits only

Qualitative standard: A student must have a minimum of a 2.0 grade point average. Students who fail to meet this requirement at the time of review will have their financial aid eligibility suspended. Students who have been suspended cannot merely skip a semester to regain eligibility. No financial aid will be disbursed during subsequent semesters for students on suspension. There are two ways for a student to regain eligibility:

- The student submits a written appeal in accordance with the appeals process and the Financial Aid Appeals Committee approves the appeal. The student is then placed on financial aid probation, allowing one additional semester in order to bring the academic requirements up to minimum standards.
- The student attends SU during the suspension semester, pays for tuition and fees without the help of financial aid, and does well enough to satisfy all SAP academic standards.

Appeals Process: Appeals of financial aid SAP suspension must be made in writing to the Financial Aid Appeals Committee. This committee will review the appeal and notify the student in writing of their decision.

The appeal letter must address the extenuating circumstance(s) as to why satisfactory academic progress was not made, and what has changed in the student's situation that would allow him or her to now demonstrate satisfactory progress after the probation semester. Extenuating circumstances can include, but are not limited to, illness, death of a family member, family difficulties, financial difficulties, etc. In addition, students must meet with a staff member from SU Academic Advising to create an academic plan. This plan must also be presented with the appeals letter.

If the appeal is approved, the student will be reinstated for financial aid on probation for one semester. The student's academic performance in that semester will be reviewed to determine the status for the upcoming semester. Only if the student is now meeting the overall requirements for SAP or successfully following the academic plan, will the student be permitted aid for the upcoming semester.

Potential Outcomes:

- Students who now meet the Satisfactory Academic Progress guidelines will have their eligibility reinstated.
- Students who fail to meet all conditions set in their academic plan will forfeit their eligibility to receive further financial aid. They can apply to be reinstated once they meet the University's standards. Students who have been given a second chance to receive aid are expected to meet all requirements set forth in their academic plan. Appeals will only be accepted from students who experienced a one-time, unexpected, serious event that precluded them from meeting the conditions of the academic plan.
- Students who met all the conditions of their academic plan but still do not meet the University's regular academic standards may be allowed to continue with financial aid. The Financial Aid Appeals Committee may make changes to the student's original academic plan based on any changes in the student's situation. Students who meet all conditions of their current academic plan will be allowed to continue to participate in the aid programs on a semester-by-semester basis.

Return of Title IV Funds Policy

This Return of Title IV Funds (R2T4) policy applies to anyone who receives federal financial aid, has begun classes, and subsequently either withdraws from the courses the student was scheduled to complete and/or receives all failing grades during the payment period. Fall, spring, and summer are the three payment periods.

Overview

When a student withdraws from their courses for any reason, including medical withdrawals, the student may no longer be eligible for the full amount of Title IV funds the student was originally scheduled to receive. Stevenson University follows the federally prescribed policies and procedures for calculating whether the student has earned all or a portion of their federal financial aid.

The calculation to determine whether any aid must be returned is based on the percentage of earned aid using the following Federal Return of Title IV Funds formula:

- The number of days completed up to the withdrawal date divided by the total days in the semester = percentage of the semester completed. This percentage is also the percentage of earned aid.
- Funds are returned to the appropriate federal program based on the percentage of unearned aid using the following formula:
- (100% of the aid that could be disbursed minus the percentage of earned aid) multiplied by the total amount of aid that could have been disbursed during the semester = aid to be returned.

If a student earned less aid than was disbursed, Stevenson University would be required to return a portion of the funds and the student may be required to return a portion of the funds. When Title IV funds are returned, the student is responsible for any remaining institutional charges on their student account. If a student earned more aid than was disbursed, SU would

owe the student a post-withdrawal disbursement which must be paid within 120 days of the withdrawal. The University must return the amount of Title IV funds for which it is responsible in the following order:

- Unsubsidized Direct Loans (other than PLUS loans)
- Subsidized Direct Loans
- Federal Perkins Loans
- Direct PLUS Loans
- Federal Pell Grants for which a Return of Funds is required
- Federal Supplemental Opportunity Grants for which a Return of Funds is required
- Other assistance under this Title for which a Return of Funds is required

Withdrawal Date

The date used to determine the student's withdrawal is either the date on which the student submits the Withdrawal or Hiatus from the University form; or the date the student otherwise provided official notification to the Registrar's Office of their intent to withdraw; or the student's last date of attendance at a documented academically related activity; or the mid-point of the semester if the student stops attending all classes without notifying the University.

The federal statutory interpretation of the Return of Title IV Funds Policy and all related information represents a best faith effort attempt by Stevenson University and is subject to revision at any time pending federal regulatory changes and interpretation. Any revisions to the Return of Title IV Funds Policy will be posted on the University website. The current policy is located at Stevenson Financial Aid and select the link for "Policies and Information."

Consumer and General Information

Every student applying to the University for admission is encouraged to apply for assistance through the Financial Aid Office. Information about policies, procedures, and most of the information that a student will need to apply for financial aid, including the types of aid available and how to apply, can be accessed through Stevenson University's financial aid website. We strongly encourage all students to spend time reviewing the tools and information there. It is important that students and families are aware of the policies that govern access to financial aid records at Stevenson University as well as the College Loan Code of Conduct, Drug Conviction and Aid Eligibility, *Financial Aid Handbook, Financial Aid Guide,* and various other consumer information policies. In addition, there are a variety of helpful financial aid resources available online. Direct access to their websites is available through the links listed on the Financial Aid website located at Stevenson Financial Aid.

Academic Information

SEE: The Stevenson Educational Experience

The Stevenson Educational Experience (SEE) is academically grounded in the liberal arts and sciences while at the same time integrating experiential scholarship, ethical reasoning, and career readiness, thereby preparing graduates for learning and for living. Regardless of the student's major area of study, SEE emphasizes both intellectual and practical skills, using inquiry-based methods to promote critical and creative thinking into matters ranging from personal to social to national to global. By requiring firsthand experience, SEE assures that graduates will be prepared to synthesize what they have learned and apply it in solving the complex challenges they will face in life. By setting a standard for ethical reasoning, SEE helps students develop patterns of applying those principles personally, academically, and professionally so as to demonstrate their integrity. At its essence, SEE offers students the opportunity to explore diverse perspectives, acquire expertise in an academic discipline, and develop the professional and personal skills necessary for life beyond college.

See it. Do it. Live it.

The SEE Student Learning Goals and Outcomes

SU Goal No. 1: Intellectual Development (ID)

The SU graduate will use inquiry and analysis, critical and creative thinking, scientific reasoning, and quantitative skills to gather and evaluate evidence, to define and solve problems facing their communities, the nation, and the world, and to demonstrate an appreciation for the nature and value of the fine arts.

Outcomes, Goal 1:

The SU graduate will be able to:

- Communicate ideas through fine or performing arts by applying aesthetic principles and engaging in creative thinking.
- Demonstrate quantitative literacy by applying mathematical strategies to analyze, model, and solve complex situations, and use data to communicate effectively.
- Apply critical thinking skills to explore issues, ideas, and/or artifacts by examining evidence, questioning assumptions, and acknowledging different perspectives before formulating conclusions.
- Solve problems using scientific methods by formulating and testing hypotheses, analyzing data, and drawing appropriate conclusions.
- Function effectively as part of a team to solve problems by communicating in constructive ways.

SU Goal No. 2: Communication (C)

The SU graduate will communicate logically, clearly, and precisely using written, oral, non-verbal, and electronic means to acquire, organize, present, and/or document ideas and information, reflecting an awareness of situation, audience, purpose, and diverse points of view.

Outcomes, Goal 2:

The SU graduate will be able to:

- Interpret creative texts and/or works considering multiple interpretative perspectives and ways of reading.
- Demonstrate an ability to adapt messages to contexts, audiences, and purposes using competent communication.
- Use language choices that are thoughtful, appropriate, and generally support the effectiveness of the message being communicated in varied contexts.

SU Goal No. 3: Self, Societies, and the Natural World (SSNW)

The SU graduate will consider self, others, diverse societies and cultures, and the physical and natural worlds, while engaging with world problems, both contemporary and enduring.

Outcomes, Goal 3:

The SU graduate will be able to:

- Examine the complex dynamics of human systems by describing behavioral, interpersonal, or social phenomena both qualitatively and quantitatively and applying multiple perspectives in order to explain those phenomena.
- Examine the complex dynamics of natural systems by describing biological, chemical, or physical phenomena, interpreting data or patterns in data, and drawing conclusions using the appropriate scientific method.
- Examine the complex dynamics of human or natural systems by analyzing texts or cultural artifacts and applying multiple perspectives (cultural, ethical, or disciplinary) in order to communicate perceptions of human experience.

SU Goal No. 4: Experiential Learning (EL)

The SU graduate will connect ideas and experiences from a variety of contexts, synthesizing and transferring learning to new, complex situations.

Outcomes, Goal 4:

The SU graduate will be able to:

- Compare life experiences and academic knowledge to infer situational similarities and differences and connect examples, facts, or theories from more than one field of study or perspective.
- Apply skills, abilities, theories, or methodologies gained in one situation to a new situation.

SU Goal No. 5: Career Readiness (CR)

The SU graduate will demonstrate personal direction, professional know-how, and discipline expertise in preparation for entry into the workplace or graduate studies.

Outcomes, Goal 5:

The SU graduate will be able to:

- Imagine and articulate a personal direction following realistic self-appraisal and reflection.
- Utilize professional skills and tools to navigate challenges and opportunities.
- Demonstrate the discipline expertise necessary to be competitive in a chosen career.
- Demonstrate competency in technology appropriate to the discipline.

SU Goal No. 6: Ethics in Practice (EIP)

The SU graduate will practice integrity in the academic enterprise, professional settings, and personal relationships.

Outcomes, Goal 6:

The SU graduate will be able to:

- Think critically about complex ethical issues.
- Practice the highest ethical standards of a profession.
- Complete academic or professional assignments in an ethical manner.
- Engage in behaviors that constitute a pattern of personal integrity.

Revised Fall 2016

Stevenson Intercultural Knowledge and Competency (IKC)

Nurturing, respecting, and cultivating an atmosphere where individual differences and identities are perceived as valuable strengths is critical to developing an inclusive learning environment for every student at Stevenson University.

The Stevenson Intercultural Knowledge and Competency (IKC) commitment provides students with opportunities to develop cultural competencies by engaging with cross-disciplinary perspectives.

Developing students' intercultural knowledge and competence enables them to meaningfully engage with others, identify familiar and unfamiliar cultural patterns, and respond with empathy to diverse perspectives as articulated by the Association of American College and Universities Civic Engagement VALUE Rubric (2016).

In FYS 100: First Year Seminar, ENG 152: College Writing II and program courses, Stevenson University students learn to:

1. Identify their own cultural rules and biases.
2. Demonstrate an understanding of the complexity of other cultures.
3. Recognize intellectual and emotional dimensions of more than one worldview.
4. Express openness to culturally different others.

University Degree Requirements

Stevenson Educational Experience Requirements

The Stevenson Educational Experience (SEE) is comprised of general education coursework and coursework in a student's major field of study.

The SEE general education requirements, which include writing and communication intensive courses and courses in the distribution areas of liberal arts and sciences, are outlined below. Please note that some programs may require specific courses in some of these areas. Please consult the major program requirements and suggested course sequences for more information. The complete list of these courses can be found on the Registrar's Office portal page.

Writing and Communication Requirement (13 - 15 credits):

All bachelor's degree-seeking students must complete courses that fulfill the SEE Writing and Communication requirement: two writing instruction courses, two writing-intensive (WI) courses, and one communication-intensive (CI) course.

Two writing instruction courses:

- ENG 150 and 152 (6 credits)
- ENG 151 and 152 (6 credits)
- ENG 153 (4 credits)

Two Writing Intensive (WI) courses:

- At least one WI course must be in the student's major area of study.
- One WI course must be at the 200-level.
- One WI course must be at the 300-level or 400 level.

One Communication Intensive (CI) course

Please note: A single course may fulfill either a WI or CI standard. No single course may count as both writing intensive and communication intensive. A single course can fulfill either a WI or CI requirement and a liberal arts and sciences distribution requirement.

Liberal Arts and Sciences Distribution Requirement (31

- 33 credits).

All bachelor's degree-seeking students must complete courses that fulfill the SEE liberal arts and sciences distribution requirement. No single course may count in more than one distribution area for the purpose of fulfilling the SEE requirement. The discipline areas are represented by the course prefix designators that precede the course number in the catalog (e.g., PHIL, REL, MATH).

Humanities (HUM; 12 credits)

Four courses in at least three different discipline areas are required.[1] ENG 151 and ENG 152 may not be used to fulfill this requirement.

Science and Mathematics (SR, SR-L, QL; 10–12 credits)

Three courses in at least two different discipline areas are required. Additionally,

- One course must be a laboratory science (SR-L).
- One course must carry the MATH designation and QL label.

Social Sciences (SS; 6 credits)

Two courses in two different discipline areas are required.

Fine Arts (FA; 3 credits)

One course in the fine arts is required.

Foreign Language (6 credits)

Candidates for the Bachelor of Arts degree must complete two semesters of a foreign language from the point of placement or complete the 202 level of a foreign language.

[1]The discipline areas are represented by the course prefix designators that precede the course number in the catalog (e.g. PHIL, REL, MATH)

Grade Requirements:

- The minimum passing grade for ENG 150, ENG 151, ENG 152 and ENG 153 is a "C".
- Students must earn a minimum grade of "D" in courses that are used to fulfill only SEE requirements.
- Students must earn a minimum grade of "C" in any course that fulfills both a major requirement and a SEE requirement.

Courses that fulfill SEE requirements are identified using the following designations in the course descriptions.

CI – Communication Intensive
FA – Fine Arts
HUM – Humanities
QL – Quantitative Literacy
SR – Scientific Reasoning
SR-L – Scientific Reasoning-Laboratory
SS – Social Sciences
WI – Writing Intensive

Requirements for the Bachelor's Degree

The University offers bachelor's degrees in the following 31 disciplines: accounting, applied mathematics; biochemistry; biology; biomedical engineering, business administration; business communication; chemistry; communication studies, computer information systems; counseling and human services, criminal justice; cybersecurity and digital forensics; early childhood education: liberal arts and technology; elementary education: liberal arts and technology; English language and literature; environmental science; fashion design; fashion merchandising; film and moving image; graphic design; history; interdisciplinary studies; legal studies; marketing; medical laboratory science; middle school education: liberal arts and technology (with a concentration in English/Language Arts and Social Studies or Mathematics and Science); nursing; psychology; and theatre and media performance. Stevenson University also offers accelerated bachelor's degree programs for adult learners through Stevenson University Online. For more information about accelerated bachelor's degrees and graduate degrees, please consult the Stevenson University Online Undergraduate Catalog or the Stevenson University Graduate Catalog.

In order to obtain a bachelor's degree from Stevenson University, a student must:

- Earn a minimum of 120 credits, which must include a minimum of 15 credits at the 300- or 400- level.
- Complete the SEE requirements.
- Complete the courses required by the major. Note – Grades of "I" (Incomplete) must be cleared from the student's record.
- Complete INT 100: Principles of Academic Integrity.
- Achieve a cumulative grade point average (GPA) of at least 2.00; the GPA is calculated on the basis of work done at Stevenson University only.
- Earn a minimum cumulative GPA in the major of 2.00 or higher. Some majors have additional GPA requirements; please consult the "Fields of Study" section for specific requirements.
- Earn at least 30 credits at Stevenson University.
- If completing a BA degree, a student must complete two semesters of a foreign language from the point of placement or complete the 202-level of a foreign language.
- Comply with all policies, procedures, and regulations of the University.
- Submit the official Application for Graduation in accordance with published deadlines.

Minors

In order to enhance the university experience, Stevenson University offers students the option to pursue professional and discipline minors. All students are encouraged to consider pursuing a minor.

Discipline Minors

Discipline minors allow students to expand their professional flexibility, develop skills to be applied to graduate or professional programs, and pursue personal or intellectual interests. Students who wish to minor in a particular field or discipline can structure a minor course of study with the assistance of an academic advisor.

General guidelines for all minors appear below; any additional discipline-specific guidelines for each minor can be found in the minor descriptions within the Field of Study section of the catalog.

General Guidelines for Earning a Discipline Minor

1. A minor consists of at least six courses (for a minimum of 18 credits) in a particular discipline.
2. Up to two courses that are among a student's major requirements can be used toward a minor in another discipline. For example, up to two psychology courses that are required by the nursing major can be used toward a minor in psychology.
3. Students may declare more than one minor; however, no individual course can be counted toward multiple minors regardless of the type of minor.
4. Students must earn a grade of "C" or better in a course for it to be counted toward a minor.

Students can declare a minor by submitting a Declaration of Minor Form, which is available through the Student Menu in WebXpress under the Forms link, prior to their last semester of study. Once this declaration is submitted to the Registrar's Office, students can track their progress in their minor using "My Progress" in Student Planning. Minors may not be requested after a student has graduated. Minors are currently being offered in the following fields:

- Accounting
- Art
- Biology
- Chemistry
- Communication
- Counseling and Human Services
- Criminal Justice
- Cybersecurity
- Economics
- English
- Environmental Science
- Fashion Design
- Fashion Merchandising
- Film and Moving Image
- Finance
- Graphic Design
- History
- Information Systems
- Legal Studies (This minor is not intended to prepare students to work as paralegals and is not approved by the American Bar Association.)
- Management
- Marketing
- Mathematics
- Medical Humanities
- Medical Laboratory Science
- Music
- Philosophy
- Photography
- Psychology
- Religion
- Sociology
- Theatre and Media Performance

Professional Minors

Professional minors are intended to give students additional career options, a competitive edge in the job market, and an opportunity to shape their Stevenson experience to meet their specific career goals. Each of Stevenson's five professional minors described below consists of four courses tied to a specific industry/profession. Professional minors can be paired with many different majors but were designed particularly for students in majors that do not have a pre-determined career path.

General Guidelines for Earning a Professional Minor

- A professional minor consists of four specified courses (12 credits).
- Up to two courses that are among a student's major requirements can be used toward a professional minor.
- Students must earn a grade of "C" or better in a course for it to be counted toward a professional minor.
- Students may declare more than one minor; however, no individual course can be counted toward multiple minors regardless of the type of minor.

Entrepreneurship and Small Business Development
Prepares students to understand the skills and commitment required to start a new venture or build a small business; to organize and write a complete successful business plan that can be used to start a new business and apply for venture capital; and to set appropriate marketing objectives for small business growth.

- MGT 204: Principles of Management
- MKT 206: Principles of Marketing
- MGT 224: Principles of Entrepreneurship
- MGT 324: Entrepreneurial Business Planning

Human Resources
Provides a foundation for careers in the human resources industry through the study of workforce development, compensation and planning, and employee relations.

- MGT 318: Human Resource Management
- MGT 320: Compensation and Benefits
- MGT 321: Employee Training and Development
- INBUS/MGT 347: International Human Resources

Management and Organizational Leadership
Provides a foundation in business management through the study of management fundamentals, employee relations, and organization leadership.

- LAW 325: Employment Law
- MGT 310: Organizational Behavior
- MGT 318: Human Resource Management

- MGT 340: Organizational Leadership

Real Estate
Provides instruction in the basics of the real estate industry and offers core skills for entry-level work in the fields of commercial real estate and development.

- REA 300: Principles of Real Estate
- REA 310: Property and Asset Management
- REA 320: Commercial Real Estate Transactions
- REA 400: Real Estate Market Analysis, Valuation and Finance

Software Design and Coding
Provides a foundation in information systems to prepare students to perform industry-specific IT tasks in the workplace through the study of programming and technology infrastructures.

- IS 135: MS Office Applications
- IS 201: Management Information Systems
- IS 240: Programming Concepts
- IS 345: Java Programming

Second Bachelor's Degrees

The second bachelor's program is designed to meet the needs of graduates who wish to attain proficiency in another major field. To qualify for admission, students must hold a baccalaureate degree from a regionally accredited institution. A maximum of 90 transferable credits from a bachelor's degree program from an accredited institution may be applied toward the second bachelor's degree.

In addition the student must fulfill all major requirements for the new program and must take a minimum of 30 credit hours at Stevenson University. To become fully acquainted with the program and its advantages, students should arrange for an appointment with the appropriate academic program administrator. At that time, questions regarding formal admission, academic requirements, course load, and other topics can be discussed in detail. Students should bring copies of their college transcripts to this appointment.

Double Majors and Double Degrees

Double Majors

A student interested in a double major should discuss their interest with their success coach or academic advisor and then contact the academic program administrator of their declared major for an appointment to discuss options. The student's academic program administrator will work with the student and the academic program administrator in the secondary major to develop a plan of study for the double major. Please note, there are many double major combinations that can be completed within eight semesters, but some major combinations may take longer or may not be available.

Double Degrees

Students who are earning two bachelor's degrees at Stevenson University must complete all program requirements for each degree as well as complete a minimum of 30 credits which count only toward the second bachelor's degree. These courses may consist of program requirements and general electives (if needed). To complete the second degree, students must have earned a minimum of 150 credits.

Bachelor's to Master's Degree Options

Applied mathematics, biochemistry, biology, chemistry, and environmental science majors may pursue the BS/MAT option. Students who wish to pursue this degree program can earn a bachelor's degree in applied mathematics, biochemistry, biology, or environmental science and a master's of art in teaching degree with certification in secondary biology, chemistry, earth space science, physical science, physics, or mathematics with a STEM focus.

Biochemistry, biology, and chemistry majors may pursue the BS/MFS option in forensic science. Students who wish to pursue this degree program can earn a bachelor's degree in biochemistry, biology, or chemistry and a master's in forensic science.

Students may also pursue the bachelor's to master's option in business and technology management, communication studies, community-based education and leadership, crime scene investigation, cybersecurity and digital forensics, forensic accounting, forensic investigation, forensic studies, healthcare management, and integrative learning.

Detailed information can be found in the Stevenson University Graduate Catalog Admission to the Bachelor's to Master's Degree Option for Current Stevenson University Undergraduates.

Master's Degrees

Stevenson University currently offers the following master's degrees.

- Communication Studies
- Community Based Education and Leadership
- Crime Scene Investigation
- Cybersecurity and Digital Forensics
- Digital Transformation and Innovation
- Forensic Accounting
- Forensic Investigation
- Forensic Science
- Forensic Studies
- Healthcare Management
- Integrative Learning
- Nursing
- Teaching (MAT)

For more information about any of these programs, visit the Stevenson website at stevenson.edu or the *Stevenson University Graduate Catalog*.

The Center for Student Success

The Center of Student Success (CSS) is dedicated to the academic achievement, support and engagement of all Stevenson University students. Located in Garrison Hall

South, CSS provides a wide variety of academic programming, resources and services, such as:

- Academic advising and course planning
- Academic support planning
- Connection to campus resources
- Disability support services
- First-Year experience programming
- Group workshops
- Individual and group tutoring
- Mentoring programs for transfer students
- Pre-Health professions advising
- Student success coaching to all freshmen students

The Center for Student Success uses a holistic approach with students that enables them to optimize their academic potential, persist in their studies, and complete their degrees.

Academic Advising

Academic Advising at Stevenson University is a free support service available to all degree-seeking students. Advisors assist with a wide range of academic matters from selecting a major to planning for graduate school.

All first-time freshmen have an assigned Student Success Coach to help them navigate the many aspects of the college experience, including course planning and registration assistance. Student Success Coaches work with each student to develop an individualized plan for their academic, professional, and personal success. Transfer students and continuing sophomores through seniors are assigned to faculty advisors who specialize in a single major. Faculty advisors assist students in a wide array of academic concerns and course planning while also providing students with career and internship guidance within their specific fields. Students who have not selected a major are assigned to advisors in the Academic Advising Office. Students are responsible for fulfilling degree requirements, but advisors are the assisting experts who can help students plan an efficient program of study.

Accessibility & Disability Services

Stevenson University provides reasonable accommodations to qualified students with documented disabilities. To establish eligibility for services, students must register with the Office Accessibility & Disability Services (ADS) and identify the specific accommodations they require. Eligibility for accommodations is determined on an individualized basis, based on the student's documented need. Office of Accessibility & Disability Services (ADS) can be reached at 443-352-5320 or ODS@stevenson.edu.

For the complete policy on Students with Disabilities, see University Policies located on the university website.

John L Stasiak Academic Link Learning Center

Stevenson University's Academic Link is designed to help students achieve success in their academic endeavors. The Link works with students to help them develop the skills that are necessary to be successful at the college level through tutoring, academic test proctoring, and more.

Writing consultants and subject-based tutors are available for many classes offered at Stevenson. Students can also attend group review sessions for select classes through the Peer Assisted Learning program. The Academic Link Testing Center is available for approved accommodated and make-up exams. Please see the Academic Link SU Now Portal page for additional information.

First Year Experience

The First Year Experience (FYE) at Stevenson is an intentionally designed, cross-campus collaboration program that ensures students are receiving the support and encouragement they need to successfully transition to SU both academically and socially. The First Year Experience office collaborates with campus partners to develop major programs for new students including: Mustang Days, New Student Orientation, Convocation, and First Year Seminar and supporting Student Success Coaching initiatives. Throughout these shared experiences, students will connect with numerous individuals across campus (faculty, staff and other students), better understand the campus resources available to them, develop the skills necessary to be successful in college, and make a smooth transition to college life.

Additional Learning Opportunities

Experiential Learning

Experiential learning involves a process of learning, doing, and reflecting and provides Stevenson students with the opportunity to acquire first-hand experience. Experiential learning empowers students to connect ideas and experiences from a variety of contexts, synthesizing and transferring what they have learned in the classroom to situations beyond the classroom. Stevenson offers students a variety of experiential learning opportunities, including internships, practicums, clinicals, undergraduate research, service-learning, and study abroad.

International and Off-Campus Study

Stevenson University offers exciting international and domestic study opportunities for academic credit. Students can choose from SU faculty-led travel courses or approved "SU In" and affiliate programs in a variety of countries around the world, including the United States. Terms include fall and/or spring semester, Winterim, summer and spring break. Participation requires an application be submitted by stated deadlines. Costs vary, with many options allowing financial aid and scholarships to be applied. It is recommended that students confer with their academic advisors early on in their time at SU to plan an international or domestic study experience into their overall academic program. Engaging in off-campus programs directly enhances Stevenson's mission to graduate students with the competence and confidence needed to address creatively the

opportunities and problems facing their communities, the nation, and the world.

Questions regarding international and off-campus study should be directed to the Office of International and Off-Campus Study. studyabroad@stevenson.edu. For more information, please see the Office of International and Off-Campus Study's portal page or the SUGlobal site at Study Abroad at Stevenson.

Internships

All majors at Stevenson require students to participate in at least one internship or career-focused capstone or experiential learning course. Consult each program section in the *Fields of Study* section of this catalog for more detailed information.

Students can also explore internship opportunities through Handshake, an online employment database maintained by the Career Connection Center. The CCC staff is available to assist students with resume and cover letter writing and interview preparation skills, as well as techniques for searching for internships. Internships.com is another resource available through Blackboard. All credit-bearing internships must be approved by the appropriate academic program administrator. Students must secure an internship and register for the coordinating course prior to the semester in which they plan to complete the internship.

Service-Learning

Service-learning is an intentional teaching and learning strategy that integrates meaningful service with academic instruction and reflection. Through service-learning, students, faculty, and community partners collaborate to address real-life needs, locally, and globally. Through service-learning courses, students gain a deeper understanding of subject matter as well as complex social issues. Service-learning allows students to become skilled in relating theory with practice while building connections with the community and enhancing their future employment opportunities. Service-learning courses may be offered during the fall and spring semesters, as well as during Winterim from time to time.

Undergraduate Research

Undergraduate research provides an opportunity for students to conduct original, independent research in their academic field under the mentorship of Stevenson faculty or an off-campus mentor. Students apply the knowledge gained from course work to original research questions and hone their critical thinking, technical, and communication skills in the context of a professional research setting. Undergraduate research allows students to experience what it means to be a scholar in their field, working at the forefront of a discipline and advancing knowledge.

Many opportunities exist for students to engage in undergraduate research in many programs, including independent research courses, capstone research experiences, summer research experiences, work study, and research assistant positions. The Office of Sponsored Programs and Research also offers information on many off-campus summer research opportunities.

Summer Sessions

The summer session at Stevenson University offers opportunities to take accelerated online classes as well as traditional on-site classes. Often students use this opportunity to explore a subject that they have not had the opportunity to do as well as use it to lighten their course load for an upcoming semester. During the summer session, any student with a GPA of 2.00 or better is permitted to enroll in one 8-week one course and/or one 8-week two course. No permission is required. No traditional student is permitted to enroll in more than one online course per 8-week summer session.

Students in traditional undergraduate programs are not eligible to take accelerated, eight-week online courses offered by the Stevenson University Online in fall or spring, although students may enroll in 15-week online courses.

Winterim

Winterim gives students an opportunity to take courses that fulfill SEE or program requirements in just three short weeks. Courses are offered on-campus and off-campus. Students may only take one course during Winterim. Additional information can be found on the Registrar's portal page at Winterim.

Courses at Another Institution

Baltimore Student Exchange Program

Stevenson University students have the opportunity to participate in the Baltimore Student Exchange Program (BSEP), which generally allows them to enroll at other local colleges and universities without incurring additional tuition charges, though some fees may apply. The course credits and grades will be calculated into the student's GPA as if the courses were taken at Stevenson. Students must be full-time at Stevenson and can take no more than two courses per year at another participating institution on a "space available" basis. The limit on courses does not apply to those students who are taking ROTC courses at Johns Hopkins. Students who participate in the BSEP must comply with all deadlines and other regulations at the visiting institutions. The Baltimore Student Exchange Program Registration Form is available through the Student Menu in WebXpress under the Forms link. Registration for BSEP courses typically occurs just prior to the start of a given semester.

Students will find a complete list of other colleges and universities participating in this program at BSEP.

Other Institutions

After degree-seeking students have matriculated at Stevenson University, transfer of courses from other institutions requires advance approval on the "Request to Take Courses at Another Institution" form that is available through the Student Menu in WebXpress under the Forms link. Even though the course may be on the "Approved Off-Campus Course List", the request form must still be completed by the student.

Approval of these requests is based on clear evidence that such courses are comparable to the Stevenson

University courses. Courses included on the Approved Off-Campus Course List located on the Registrar's Office portal page have already received thorough vetting by the appropriate academic program administrator. Approval of courses not appearing on the list is made by the academic program administrator of the department offering the course. Students are strongly advised to consult with their advisors prior to seeking permission to take a course at another institution to determine how the course applies to their degree audit. Credit may not be given for courses that are taken at another institution when the student has not gone through the course approval process

The following guidelines apply:

1. Students may take no more than 3 courses at another institution once they have begun attendance at Stevenson. Lecture/laboratory courses count as one course. Baltimore Student Exchange (BSEP) courses and Study Abroad courses are not considered a part of the 3-course limit.
2. Courses may not be taken elsewhere during fall and spring semesters if they are being offered at Stevenson during the same semester.
3. All major requirements must be taken at Stevenson University. Any exception requires permission from the Academic Program Administrator of the student's major.
4. Only courses in which the student has earned the minimum grade as defined by the student's catalog year will be accepted.
5. Courses that are taken elsewhere will appear as transfer credit; a letter grade will not appear on the Stevenson University transcript. The letter grade will not be included in the calculation of the cumulative GPA.

Academic Grading Information

Calculation of Class Level

An undergraduate student's class level is determined by the number of completed credits. Please note class level does not always determine the class level within a particular major.

Class Level	Completed Credits	Class Year
Freshman	0 to 26.5	First
Sophomore	27 to 54.5	Second
Junior	55 to 89.5	Third
Senior	90 or more credits	Fourth

Undergraduate Grading Scale

In general, the grading scale in the table below serves as the basic numeric standard that faculty use in evaluating student performance. Instructors will explain the grading system clearly on the course syllabus.

The academic standing of a student is determined by the quality and quantity of their work. A student's grades are based on the level of achievement in class work and by mastery demonstrated on examinations and other projects. Midterm grades are advisory; the semester grades determine actual academic standing.

Students' final grades are posted in Student Planning at the end of the session or semester.

The grading system for undergraduate students is provided below.

Grade	Numeric Standard	Quality Points Awarded
A	93–100	4.0
A-	90–92	3.7
B+	87–89	3.3
B	83–86	3.0
B-	80–82	2.7
C+	77–79	2.3
C	70–76	2.0
D	60–69	1.0
F	0–59	0.0

FX Student stops attending classes prior to the withdrawal deadline, yet fails to officially withdraw. This is calculated as a grade of "F" in the GPA.

WF Course withdrawal after the specified term deadline. This is calculated as a grade of "F" in the GPA.

W Course withdrawal within the specified term deadline. This is not calculated in the GPA.

AUD Audit (see additional information below). This is not calculated in the GPA.

I Incomplete (see additional information below). This is not calculated in the GPA.

P/NC Pass or No Credit (see additional information below). This is not calculated in the GPA.

Grade Point Average

Academic standing, graduation, and honors are based on the grade point average. To calculate the cumulative GPA, total the credit hours and then the grade points from all semesters. Divide the total grade points by the total credit hours. The grade points allotted to each letter grade are listed in the Grading System section of the catalog.

Auditing of Undergraduate Courses

A student may audit an undergraduate class if it is open for enrollment. Students may change an audit to a credit course only during the drop/add period. Students may change a credit course to an audit until the last day to withdraw with a "W." A student can change a course to audit status by using the Course Audit form that is available through the Student Menu on WebXpress under the forms link. Changing a course to "audit" may have financial aid implications and will also make an athlete ineligible if the athlete is no longer full-time. The VA does not pay for audited courses for those students who receive VA benefits. Courses that are audited are the same cost as courses that are taken for credit, and no academic credit is given for an audited class. Students who change a course to audit status are expected to attend the class.

Incompletes

A grade of incomplete (I) will only be granted by written request by the student and is subject to the approval of the faculty member and the academic program administrator of the major in which the course resides. The Request for Incomplete Grade form that is available through the Student Menu in WebXpress under the Forms link and must be used; an email is not sufficient to request an incomplete. Incompletes are granted only when a student has completed at least 75% of the semester or session and circumstances such as illness, death in the family, or a documented crisis situation prevent the student from completing the course by the end of the semester or session. A grade of incomplete must be requested no later than the last day of classes at the end of the semester or session in which the student is taking the course. A student must submit to their instructor the work outlined on the submitted Request for Incomplete Grade form no later than 30 days after the last day of the semester or session. The instructor then has five days to submit a change of grade to the Registrar's Office. If the grade is not changed within this time frame (35 days from the last day of the semester or session), the grade of "I" will automatically convert to a grade of "F". Exceptions to this policy require special review by the dean of the school in which the course resides.

Pass/No Credit Option

Students may take two pass/no credit courses outside of the major requirements unless otherwise stipulated by the major. Students may take only one pass/no credit course per semester for a total of two courses on the student's transcript. A passing grade in this option equates to a "C" or better, and pass/no credit courses do not have an impact on the student's GPA. Students may register for pass/no credit and may switch to credit no later than the published add/drop date. A change from credit to pass/no credit must also take place during the published add/drop date. The pass/no credit option encourages students to take electives for intellectual exploration. This option does not affect classes that already have department pass/fail or pass/no credit. Additional information is available in the Registrar's Office.

Grade Appeals

For information regarding grade appeals, please see University Policies located on the Stevenson University website. Please note a student has seven calendar days from the date grades are posted to submit an appeal.

Academic Standing

Good Academic Standing

Earning a bachelor's degree from Stevenson University requires students to earn a minimum 2.0 cumulative grade point average on all undergraduate level work attempted at Stevenson University. At the end of each semester, student grades are reviewed. Students whose semester grade point average and cumulative grade point average are 2.0 or higher are in good academic standing. Certain majors require a higher minimum grade point average for progression and continuance in the major, and these requirements are specified in the program's policies.

Students make adequate progress toward earning a degree when they remain in good academic standing and maintain a 2.0 or higher grade point average on all baccalaureate level work attempted at Stevenson University. Students receiving federal financial aid are held to Satisfactory Academic Progress (SAP) standards, which fall under a separate monitoring and notification process managed by the Office of Financial Aid.

As a university focused on student success, Stevenson lets students know when their academic performance is below the university's minimum required for graduation and offers guidance and support to students in improving their academic performance.

Academic Standing Notice

Students whose semester grade point average is below a 2.0 receive an academic standing notification letter after the grade review process has been completed. The notice encourages students to take appropriate action to improve their academic performance and provides guidance and requirements on how to do so. Academic standing notices are sent to students whose cumulative grade point average is 2.0 or higher, but semester grade point average falls below a 2.0.

Academic Warning

Students whose cumulative grade point average falls below 2.0 are in academic warning status. Students receive an academic warning notification letter after the grade review process has been completed. The academic warning notice encourages students to take appropriate

action to improve their performance and provides guidance and requirements on how to do so. Students are in academic warning status for the semester following the issuance of the warning. Students in academic warning status are restored to good academic standing when their cumulative grade point average returns to a 2.0 or higher on all undergraduate level work attempted at Stevenson University.

Academic Probation

Students in academic warning status whose cumulative grade point average remains below 2.0 are placed on academic probation the following semester. Academic probation status is reflected on the transcript. Students receive an academic probation notification letter after the grade review process has been completed. The academic probation notice encourages students to take appropriate action to improve their performance and provides guidance and requirements on how to do so. Students on academic probation are required to earn a semester grade point average of 2.0 or higher. Students earning a semester grade point average of 2.0 or higher in their first semester of probation whose cumulative grade point average remains below 2.0 are permitted a second semester of probation to bring their cumulative grade point average to a 2.0 or higher. Students in academic probation status are restored to good academic standing when their cumulative grade point average returns to a 2.0 or higher on all undergraduate level work attempted at Stevenson University.

Academic Suspension

Students on academic probation whose cumulative grade point average remains under 2.0 for a second consecutive semester are placed on academic suspension for one full semester, and they are not permitted to enroll in courses at Stevenson. Academic suspension status is reflected on the transcript. Students receive an academic suspension notification letter after the grade review process has been completed. If a student believes extenuating circumstances exist, then they may appeal their suspension through the Academic Review Board process. Specific instructions and deadlines for appeals to the Academic Review Board are outlined in the notification letter.

Academic Dismissal

Stevenson University affords students many opportunities to attain good academic standing. Repeated failure to maintain good academic standing may result in dismissal from the University. Students dismissed from the University may apply for reinstatement after a period of one year.

Academic Reinstatement

Students seeking reinstatement to Stevenson University following suspension or dismissal must complete the Application for Academic Reinstatement form found on the Stevenson University Admissions webpage. An application is considered complete when the form is filled out in its entirety and is accompanied by the set of required documents. Instructions on applying for reinstatement are provided in the notification letter the student receives upon suspension or dismissal. The deadline for student submission of the complete application for reinstatement is June 1 for the fall semester and January 2 for the spring semester. The deadline for student submission of the complete application for reinstatement for students in an SU Online undergraduate program is at least 3 weeks prior to the start of the session.

Applications for academic reinstatement are reviewed by the University's Academic Review Board. If the merits of the application so warrant, the Board will schedule a reinstatement conference with the student to discuss their academic status. If the application does not warrant an invitation to meet with the Academic Review Board, then the students are so notified and the suspension or dismissal stands.

Following a meeting with the Academic Review Board, one of the following decisions is made:

1. The student is reinstated on continued academic probation status and must follow specific requirements outlined in the reinstatement letter provided by the Academic Review Board after the meeting.
2. The suspension or dismissal stands.

Upon reinstatement, students must earn a minimum 2.0 semester grade point average on all undergraduate level work attempted at Stevenson University. If students earn a minimum 2.0 semester grade point average in each consecutive semester following reinstatement, then they are permitted to continue at Stevenson until they meet the university's standard for academic good standing. If students earn less than a 2.0 grade point average in any semester following reinstatement, then they are suspended or may face dismissal. Earning a bachelor's degree from Stevenson University requires students to earn a minimum 2.0 cumulative grade point average on all undergraduate level work attempted at Stevenson University.

In cases where a student is seeking reinstatement after an academic misconduct sanction of suspension, the student must complete the Application for Academic Reinstatement form and appear before the Academic Review Board.

Registration and Course Information

Credit Hour Definition

Regardless of course duration, delivery, or instructional method, Stevenson University awards academic credit in compliance with Maryland state requirements outlined in the Code of Maryland Regulations (COMAR) and with the Department of Education's federal credit-hour definition, as defined in the Federal Code of Regulations.

State credit hour definition (COMAR 13b.02.02.16.D) (*1) An in-State institution shall award 1 credit hour for:*

- A minimum of 15 hours, of 50 minutes each of actual class time, exclusive of registration, study days, and holidays;

- A minimum of 30 hours, of 50 minutes each of supervised laboratory or studio time, exclusive of registration, study days, and holidays;
- A minimum of 45 hours, of 50 minutes each of instructional situations such as practica, internships, and cooperative education placements, when supervision is ensured and learning is documented; or
- Instruction delivered by electronic media based on the equivalent outcomes in student learning in §D(1)(a) of this regulation, and may include a combination of telelessons, classroom instruction, student consultation with instructors, and readings, when supervision is ensured and learning is documented.

(2) One quarter hour of credit is awarded for instruction equivalent to 2/3 of the contact hours required for 1 credit hour.

Federal credit hour definition (34 CFR §600.2)
A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

- *one hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or ten to twelve weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time; or*
- *at least an equivalent amount of work as required in paragraph (1) of this definition for other activities as established by an institution, including laboratory work, internships, practica, studio work, and other academic work leading toward to the award of credit hours.*

For additional information please see the Academic Affairs portal page.

Course Load

For full-time status, a student may take 12 - 18 credits each semester; however, the normal full-time undergraduate course load is 15 to 17 credit hours per semester. Credits earned during Winterim do not count toward a student's regular fall or spring course load for the purpose of determining full-time status or financial aid. Students must take a minimum of 12 credits in fall or spring to be considered a full-time student for that semester, regardless of Winterim enrollment.

A student may not register for more than 18 credit hours in any one semester without the permission of the student's advisor and the department chair or program coordinator. There is an additional tuition charge for credits over 18. If the total number of credits taken by a student in any given fall and Winterim semesters exceeds 18, then the student will pay standard tuition rates for any credits taken in excess of 18 in Winterim.

Registration

Registration takes place on the days scheduled in the academic calendar. Students may register on or after their assigned appointment time, and registration is done online using Student Planning, a software package designed for registration. Prior to registration, all students are required to meet with their advisor. It is the advisor's responsibility to check the student off in Student Planning so that registration will be enabled for the student.

There are several circumstances that could cause a student's registration to be blocked. Students who have not completed the required Student Health Profile will not be allowed to register as well as those students who have not met their financial obligations to the University. Those students who have not been cleared by Student Accounts prior to the start of the semester will be removed from their classes.

Courses may be canceled for insufficient enrollment, and students will be notified via email regarding course cancellations.

All prerequisites, including any minimum grade requirements, for a course must be fulfilled prior to starting the course. Students may be removed from a course when the prerequisites have not been met. Students are not permitted to "sit in" on classes for which they are not registered.

For more information about registration, please see the Registration Guide on the Registrar's webpage and information on the Registrar's portal page.

Students in traditional undergraduate programs are not eligible to take accelerated, eight-week online courses offered by Stevenson University Online in fall or spring, although students may enroll in 15-week online courses. During the summer session, any traditional undergraduate student with a GPA of 2.00 or better is permitted to enroll in one 8-week one course and/or one 8-week two course. No permission is required. No traditional student is permitted to enroll in more than one online course per 8-week summer session. Completion of SUO 101 is required for all first-time traditional students taking an online course

Non-Credit Courses

The University offers a non-credit foundational math course that provide support for basic skills. If, as a result of placement testing, a student is required to complete such a course, the course will count for determining charges and course credit load. However, no credit is applied toward the degree requirements.

MATH 005# - Foundations of Quantitative Reasoning is a four credit course for billing and credit hour load, but no credit is applied to the degree requirements. It is designed to review the foundational mathematics which students need to succeed in introductory MATH courses. The University also offers co-remediation courses for all introductory credit-bearing Math courses. If, as a result of placement testing, a student is required to complete such a course, the student will take the credit-bearing course along with the matching co-remediation course. These co-remediation courses will be considered equivalent to two credits when determining fees and course credit load. However, no credit for the co-remediation portion of the course is applied toward the degree requirements.

Course Add/Drop

Students may add or drop classes only during the published add/drop period. Course changes during the add/drop period will not be reflected on the student's transcript.

Course Withdrawal

To withdraw from a course, students must complete a Course Withdrawal form that is available through the Student Menu in WebXpress under the Forms link. Students may not withdraw from courses online through Student Planning. Notice to the instructor of intent to withdraw is not sufficient. Students who stop attending and fail to officially withdraw from a class will be given a grade of "FX" which calculates as an "F."

Students may withdraw from a course only during the published withdrawal dates. Students withdrawing from class during this period will have a "W" recorded on their transcript; a grade of "W" does not affect the GPA. The last date for withdrawal from a course without penalty is listed in the enrollment calendar for each semester and is found on the Registrar's Office portal page. Withdrawing from a course after the published withdrawal date results in a grade of "WF." Students may not withdraw from classes during exam week.

Traditional students who withdraw from an accelerated course that is offered any time during the semester must do so during the published drop/add period. After drop/add ends, students will be able to withdraw based on the published schedule, but no refunds of tuition will be given even if the class has not started.

A student may be administratively withdrawn from the University if their absences in a class are excessive.

There may be extraordinary cases in which serious illness, injury or another significant personal situation prevents a student from continuing their classes after the published withdrawal date. If this is the case, students should refer to the Medical/Compassionate Withdrawal Policy that is located in the *Withdrawal from the University* section of the catalog.

Change of Catalog Year

If a student elects to move to a new catalog year, all policies of the new catalog will apply to the student, and the student must fulfill all requirements of the new catalog year. Students may not change to a prior catalog year. If a student desires to change to a new catalog year, the student should discuss this with his/her academic advisor so that all implications of the change are fully reviewed. A Change of Catalog Year form is available through WebXpress under the Forms link.

Repeating Undergraduate Courses

An undergraduate student may not register for the same course more than two times without prior approval of the dean of the school in which the course is offered. Withdrawals and audits count as attempts. If a student repeats a course, only the latter grade will be used in calculating the cumulative grade point average. However, all courses taken will remain on the student's transcript. If a student withdraws from a course that has already been taken, the grade of "W" does not replace the original grade in the calculation of the student's grade point average. If a student receives VA benefits, specific regulations apply to the payment for repeated courses. Please contact the school certifying official in the Registrar's Office.

Attendance

Each student is responsible for their own class attendance and regular attendance is expected. Every student is responsible for the material covered or the skills exercised during scheduled classes. Grades will be based on demonstrated achievement of the objectives of the course, not on attendance in class as such. Although attendance alone does not determine grades, students should be aware that grades may depend on class activities, experiments, discussions, or quizzes for which consistent attendance is necessary. Students who stop attending and fail to officially withdraw from a class will be given a grade of "FX" which calculates as an "F" in the GPA.

Athletic Department Class Conflict Information

Stevenson would like to provide the best education possible for those individuals who have chosen to represent the University in intercollegiate athletic participation. Student athletes will, on occasion, have varsity athletic conference National Collegiate Athletic Association (NCAA) games scheduled at times that conflict with regularly scheduled academic classes. Student athletes should keep in mind their athletic schedules when registering for classes each semester. The NCAA Compliance Officer issues the Stevenson University Athletics Department Class Conflict Confirmation Form each semester to validated student-athletes participating in their NCAA traditional season. The Class Conflict Confirmation Form outlines comprehensive information on student-athlete, faculty, and athletic department staff responsibilities. If a student athlete or faculty member has any questions regarding the form or is in need of further information, please contact the Athletic Department office manager at 443-352-4251.

Final Examinations

All students are required to take final examinations. If a student misses an examination because of an emergency or illness, the student must contact the faculty member as soon as possible. If the student cannot reach the faculty member, the student should contact the Office of Student Success. The faculty member will work with the student to provide an opportunity for the student to take the examination at a rescheduled time. At that point, the student should contact the Academic Link to reschedule the examination. Students will not be permitted to reschedule for reasons other than documented emergencies or illness. A student who is scheduled to take three or more exams in one day should contact the Registrar's Office no later than the Monday of the last week of classes regarding rescheduling an exam. The Registrar's Office will work with the student's faculty to determine which exam will be rescheduled. Requests

received after the Monday of the last week of classes cannot be accommodated.

Leave of Absence

A degree-seeking student who finds it necessary to cease enrollment at the University (for one or more consecutive semesters with the intent of resuming studies at a later date) must complete the leave of absence section of the Withdrawal from the University form that is available through the Student Menu in WebXpress under the Forms - Traditional Students Only link.

This request will ensure that the student will not need to reapply for admission when they return. This leave of absence is effective for two consecutive semesters. A student who is on leave of absence for three or more consecutive semesters must reapply for admission and will be under the requirements of the new catalog year of readmission.

Withdrawal from the University

A degree-seeking student who wishes to withdraw from the University must do so using the Withdrawal from University form that is available through the Student Menu in WebXpress under the Forms link.

Military Service Withdraw and Refund Policy

Stevenson University students who are called to active duty during the course of a term or session should contact the School Certifying Official to formally withdraw for military service. For the purpose of this policy, military service is defined as "service, whether voluntary or involuntary, in the armed forces, including service by a member of the National Guard or Reserve, on active duty, active duty for training, or full-time National Guard duty under federal authority for a period of more than 30 consecutive days under a call or order to active duty of more than 30 consecutive days" (ED 34 C.F.R. 668.18).

Students who withdraw from the University for military service during the course of a term or session are eligible for a 100% refund of tuition and fees. Room and board expenses will be prorated based on the official date of withdrawal.

Students must supply a copy of military orders to be eligible for any tuition, fees, or room and board adjustments. Students receiving financial aid will be subject to the refund policies as provided by the federal or state agency sponsoring the aid. Department of Defense Military Tuition Assistance and Veteran's Education Benefits will be returned to the government agency as required.

Students who have to withdraw from the University after the add/drop deadline will receive a grade of W or I, depending on the amount of coursework completed and the expected length of the absence.

Medical/Compassionate Withdrawal Policy

A student may request a medical or compassionate withdrawal in extraordinary cases in which serious illness or injury (medical) or another significant personal situation (compassionate) prevents a student from continuing their classes, and incompletes or other arrangements with the instructors are not possible. Any student submitting a request for a medical or compassionate withdrawal must have a compelling reason for the request and thorough and credible documentation. Withdrawals after the published last day to withdraw are only allowed for approved medical/compassionate reasons. If, after the last day to withdraw, the student does not complete their classes or leaves the university without obtaining official approval, the student will be assigned a final course grade based upon the assignments completed by the student during the course(s).

Academic Integrity

Stevenson University expects all members of its community to behave with integrity. Honesty and integrity provide the clearest path to knowledge, understanding, and truth – the highest goals of an academic institution. For students, integrity is fundamental to the development of intellect, character, and the personal and professional ethics that will govern their lives and shape their careers.

Students entering Stevenson are required to complete INT 100, Principles of Academic Integrity, a brief online course covering academic integrity. The deadline for completing the course is one week prior to the beginning of Registration. It is the University's vision that with proactive learning engagement in academic integrity potential academic misconduct violations will be reduced. Students who fail to complete the course by the deadline will be unable to register for classes for the next semester until the course is completed.

Stevenson University requires students found responsible for a first violation of academic misconduct to complete an online integrity education course.

For additional information about the Academic Integrity and Academic Misconduct policies, please see University Policies located on the Stevenson University website.

Transcript Requests

Transcripts are sent at the request of the student through Webxpress or through National Student Clearinghouse. The Registrar's Office does not accept email requests. Faxed requests are not accepted, and transcripts are not faxed. All financial obligations to the University (parking violations, library fines, and invoices for lost items) must be met, or official transcripts will be held.

Current students can print an unofficial copy of their transcript from WebXpress or request an official transcript to be mailed from WebXpress by completing the required information on the "Official Transcript Request" page. Current students may also request an official transcript sent electronically by going to National Student Clearinghouse. Alumni or students who have withdrawn from the University must request their transcripts through National Student Clearinghouse.

FERPA: Notice to Students

Stevenson University complies with the provisions of the Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) and any subsequent amendments or regulations. Stevenson University students are afforded specific rights in accordance with FERPA.

- The right to inspect and review their education records within a maximum of 45 days after the request is made. The right to request the amendment of education records if the student believes the records are inaccurate or misleading.
- The right to prevent the unauthorized disclosure of their student records.
- The right to file a complaint with the Department of Education about a violation of FERPA

Please contact the Registrar's Office at 443-334-2206 for additional information about FERPA.

Graduation Information

To earn a degree from Stevenson University (i.e. to qualify for graduation), students must meet all University and program requirements as stated in the University catalog. Students must fulfill catalog requirements in effect at the time of matriculation or students may elect to move to a later catalog year. Students may not split requirements from multiple catalog years. It is the responsibility of the student to fulfill all requirements for graduation. Careful consultation with an academic advisor is strongly encouraged.

Degrees are conferred in May, August, or December. Students who complete degree requirements in a Winterim term will have their degrees conferred in May. Participation in a commencement ceremony does not confer a degree. Diplomas and final transcripts may be withheld for any graduate with unresolved financial obligations or non-compliance with federal financial aid regulations.

The academic record of anyone receiving a degree is closed three months after the end of the semester. Any changes to the academic record must be made prior to the closure of the academic record.

Diploma Information

Diplomas are mailed to the address listed on the application for graduation. They are sent via U.S. mail the month following graduation. Diplomas are sent after all final grades have been received and degree requirements are confirmed complete. Diplomas include the graduate's name, degree, major, and academic honors, if earned. The date listed on the diploma reflects the end of the semester when the degree is officially considered complete rather than the commencement date.

The official academic transcript, not the diploma, is considered the certifying document to verify a degree. Graduates will be issued one diploma. Replacement diplomas may be requested due to the name change from Villa Julie College to Stevenson University, due to an official personal name change, or due to a lost or damaged diploma. The replacement diploma may only be requested in writing by the graduate using the request form located on the Stevenson University website. The fee for a replacement diploma is $50.

Graduation Application

Graduating students are required to submit an Application for Graduation to the Registrar's Office according to published deadlines. At the time of application, a $25 fee is charged.

- December graduates must submit by August 1.
- May and August graduates must submit by January 1.

Failure to apply by the published deadlines may delay the evaluation and awarding of a student's degree. Students may apply online via Student Planning

Graduation Ceremonies

Commencement ceremonies are celebrations held once each year in May. Students may only participate in one ceremony unless they are earning an additional degree. Only bachelor's, master's and doctoral degree candidates may participate in commencement exercises. Certificate program completion does not qualify a student for commencement participation. Additional information regarding commencement is available via the website stevenson.edu/commencement.

Graduation with Academic Honors

Academic honors are conferred upon those undergraduate students who achieve the following cumulative grade point average based on work done at Stevenson University. These honors will be listed on the diploma and the official academic transcript. This may differ from the academic honors announced during the commencement ceremony, which are based on the cumulative GPA prior to the final semester. A student's GPA is not rounded in the determination of graduation honors.

Summa Cum Laude	3.900–4.000
Magna Cum Laude	3.700–3.899
Cum Laude	3.500–3.699

Honors are not awarded for graduate degrees.

Student Rights and Responsibilities and Grievance Procedure

For additional information about academic and student conduct policies, please see University Policies located on the Stevenson University website. Additional information regarding student grievance policies and procedures can also be found there.

Academic Awards

Academic Achievement List

The Academic Achievement List announces part-time undergraduate students who demonstrate outstanding scholastic achievement during each semester. To qualify, a student must earn a cumulative grade point average of 3.50 or better in the semester in which they accumulate 15, 30, 45, 60, 75, 90, 105 or 120 credits. Transfer credits are not included in this computation, and non-degree students are not eligible for this recognition.

Dean's List

The Dean's List announces full-time undergraduate students whose academic achievement is outstanding during each semester. To qualify, a student must earn a grade point average of 3.50 or better and have completed 12 or more credits that count toward degree requirements during that semester. Foundational courses are not included in this calculation. A student is not eligible for the Dean's List while an incomplete grade is in effect.

Who's Who Among Students in American Colleges

Each year, junior and senior students are selected by the University for listing in Who's Who Among Students in American Universities & Colleges. Students are selected on the basis of scholarship, participation, and leadership in academic and extracurricular activities, citizenship, and service.

University Awards for Graduating Students

University Awards for graduating students are presented at commencement to graduating seniors who were nominated by a member of the campus community.

The **Rosemary Elliott Harder '69 Award for Creative Leadership** may be conferred on a graduating woman who has exhibited creative leadership and aptitude in her time at Stevenson University. The successful recipient will have experience where she has encouraged, cultivated, and implemented imaginative solutions and strategies. The student must be a graduating senior with a cumulative GPA of 3.5 at the time of her selection.

The **Marion and Henry J. Knott Achievement Award** may be conferred on one graduating student who has demonstrated the ability to achieve academically, to reach out to the needs of others at the University, and to persevere toward a goal while also managing major primary responsibilities outside Stevenson University life.

The **Elizabeth McWethy Award** may be conferred to one graduating student who has demonstrated exceptional creativity, manifested genuine concern for society, and has actively influenced the lives of others.

The **John Mitchell Award** may be conferred on one graduating student who has demonstrated outstanding service to their community in a way that exemplifies the values of Stevenson University's mission.

The **Dorothy Stang Award** may be conferred on one graduating senior who best exemplifies devotion to the good of the wider community as reflected in the life of Dorothy Stang, a member of the Sisters of Notre Dame de Namur, the founders of Stevenson University. Stang's commitment to bringing social justice to the underprivileged in Brazil led to her murder. The award honors integrity, courage in the face of adversity, and a willingness to act on convictions without regard to consequence. Embodying the most cherished values that an education from Stevenson University instills in its students, the recipient of the Stang Award reaches out to members of the community who have financial, spiritual, social, or cultural needs. Our recipient is a "reflective and accomplished individual committed to a lifetime of learning and contribution" (Stevenson University Mission Statement).

The **Orsia F. Young Leadership Award** may be conferred one graduating student from each academic school of the University who has performed in an outstanding manner as a leader in the University community, initiated action, motivated others to do so, and been an agent for positive change in the University.

The **Outstanding Part-time Student Award** may be conferred on one graduating part-time student who has demonstrated commitment to higher education, the determination to succeed, a high standard of academic achievement, and who has contributed in a tangible manner to the University while balancing many other personal and professional obligations.

The **Provost's Award for Exceptional Scholarship** is conferred from time to time on one graduating student who has performed academically in a particularly exceptional way, has demonstrated unique intellectual ability and initiative, and has contributed to the academic pursuits of their peers.

The **President's Award for Scholarly and Creative Achievement** is conferred from time to time on a graduating student whose total performance has been marked in a striking fashion by singular creativity and by the depth of their intellectual interest and performance in all subject areas.

The **SU Pin Award** is the most comprehensive honor the University may confer on one graduating student whose total personal performance is meritorious, including academic achievement, independence and integrity of thought and action, reliability, respect for others, and involvement in University or community affairs.

Awards

Some, but not all, academic departments and schools of the University present awards for academic achievement to students majoring in their disciplines. These awards include the following:

Brown School of Business and Leadership Awards

Accounting Department Awards

The **Outstanding Achievement in Fashion Merchandising Award** celebrates a graduating fashion merchandising student who has demonstrated academic excellence, and outstanding community involvement. This

award recognizes a student whose work is exemplary and shows great promise for success in the fashion merchandising field.

Accounting Department Awards

The **Manisha Patel Book Award** is awarded each year to the third-year accounting student who has manifested the most significant change in commitment to the study of accounting. This award is funded by the Accounting Association.

The **Maryland Association of Certified Public Accountants Outstanding Achievement in Accounting (MACPA) Award** is presented each year to a junior or senior accounting major who has a minimum 3.00 overall GPA, with a minimum of 3.25 GPA in accounting, and demonstrates leadership skills and involvement in campus, community, and professional activities. The MACPA is the statewide professional association serving over 10,000 CPAs. This award signifies MACPA's commitment to and support of accounting education.

School of Design Awards

Communication Department Awards

Award for Academic Achievement in Communication celebrates a graduating communication major who has shown consistent scholastic growth over the arc of the student's tenure as a major in the department. The award recognizes a student whose path to graduation has been marked with passion and perseverance. Through this award, the faculty in Communication Department attest that the recipient made a commitment to learning, engaged the discipline in meaningful ways, and demonstrated academic achievement.

Award for Leadership and Excellence in Communication celebrates a graduating communication major who exemplifies the values of competent communication in practice. The award recognizes a student who has demonstrated outstanding communication skills both inside and outside the classroom through leadership, advocacy, and/or service to the department, the school, and the larger community. Through this award, the faculty in the Communication Department recognize the leadership potential in a diverse world when communication theory is put into practice.

Award for Creative Initiatives in Communication celebrates a graduating communication major who creatively integrates the core foundations of communication with regard to communication theory, writing, business, and design in endeavors both at the university and in related work outside of the university, whether through internships, jobs, or volunteer pursuits. Through this award, the faculty in the Communication Department program recognize the student's creative contributions to the department, university, and higher education, along with personal, professional, and academic achievement.

Fashion Design Department Awards

Fashion Design

The Best Senior Collection Award celebrates a graduating fashion design student who is a visionary and an emerging talent. The award recognizes a student whose work is exemplary and who shows great promise for success in the field. A jury of professionals from the fashion industry selects the recipient.

The **Best in Show Award** celebrates a piece created by a fashion design student who demonstrates outstanding application of garment construction, design thinking, and innovation. A jury of professionals from the fashion industry selects the recipient.

The **Best Construction Award** celebrates a piece created by a fashion student who demonstrates outstanding application of garment construction techniques. A jury of professionals from the fashion industry selects the recipient

The **Most Innovative Design Award** celebrates a piece created by a fashion design student who demonstrates outstanding design innovation. A jury of professionals from the fashion design industry selects the recipient.

Film and Moving Image Department Awards

Film and Moving Image Awards are selected by vote of the full-time Film and Moving Image faculty. Recipients have demonstrated outstanding performance in the selected area and contributed to the department and to the success of fellow students over the course of their time at Stevenson.

The **Film and Moving Image Award for Special Achievement in the Field of Cinematography** recognizes a Film and Moving Image student who has exhibited significant growth and development as a film and moving cinematographer throughout their course of study at Stevenson.

The **Film and Moving Image Award for Special Achievement in the Field of Directing** recognizes a Film and Moving Image student who has exhibited significant growth and development as a film and moving image director throughout their course of study at Stevenson.

The **Film and Moving Image Award for Special Achievement in the Field of Editing** recognizes a Film and Moving Image student who has exhibited significant growth and development as a film and moving image editor throughout their course of study at Stevenson.

The **Film and Moving Image Award for Special Achievement in the Field of Producer** recognizes a Film and Moving Image student who has exhibited significant growth and development as a film and moving image producer throughout their course of study at Stevenson.

The **Film and Moving Image Award for Special Achievement in the Field of Writing** recognizes a Film and Moving Image student who has exhibited significant growth and development as a film and moving image writer throughout their course of study at Stevenson.

Art and Graphic Design Department Awards

The **Award for Outstanding Contributions to the Graphic Design Program** has been established to recognize a student who has contributed greatly to the graphic design program. This award is presented to one Stevenson University student who has consistently reached out to faculty and classmates, contributing time, energy, and support whenever it was needed. The

awardee may have contributed to the department by acting as an unofficial ambassador or taking the initiative to help others without it being asked of them.

The **Graphic Design Department Achievement Award** has been established to recognize a student who has shown incredible growth and development throughout their course of study. The recipient of this award has embraced challenges and realized their full potential through dedication and hard work. This student has consistently applied themselves to academic pursuits, both inside and outside the design studio and has become an outstanding role model, emblematic of the goals of higher education: to broaden one's horizons, to gain confidence and maturity, to build valuable professional skills, and to emerge fully prepared to achieve their future goals.

The **Graphic Design Department Award for Excellence** has been established to recognize an outstanding graphic designer. Finalists are selected based on academic performance (GPA and academic integrity) and asked to submit a digital portfolio for review by the faculty. The award is presented to the student whose portfolio best exhibits their exceptional design and creative problem-solving abilities, effective communication skills, and outstanding overall academic performance. In addition to recognizing extraordinary design, this award has been created to honor a student who has consistently embraced challenges and exceeded the expectations of faculty and peers by cultivating the multi-disciplinary skills (such as technological competency, confidence in presenting, and risk-taking independence) so vital to the success of any designer.

School of Education Awards

Students in the education programs including the Master of Arts in Teaching program are nominated for the following awards from professional associations.

Teachers of Promise awarded by the Maryland State Department of Education is a student to teacher transition program that recognizes teacher candidates who exhibit exceptional performance during their Internship.

School of Humanities and Social Science Awards

Counseling and Human Services Professional Development Award

The **Counseling and Human Services Professional Development Award** is presented annually to two students who demonstrate academic excellence and a strong commitment to the field of human services. The recipients, accompanied by a faculty member, attend a national conference for professionals in human services. Upon their return, they disseminate information about their experience.

Sandra R. Berman School of Nursing and Health Professions Awards

Medical Laboratory Science Awards

The **American Society for Clinical Pathology Student Honor Award** is given by ASCP to recognize those students in the laboratory professions who demonstrate both academic excellence and a commitment to community service and leadership activities. Through this award, the ASCP wishes to acknowledge future laboratory professionals and makes others aware of the contributions of laboratorians.

The **Capital Section of the American Association of Clinical Chemistry Clinical Chemistry Student of the Year Award** is chosen by the medical laboratory science faculty and awarded to a graduating medical laboratory science student, based on academic excellence and achievement in clinical chemistry.

The **Excellence in Medical Laboratory Science Award** recognizes a graduating medical laboratory science student who exemplifies outstanding academic achievement, high professional standards, positive attitude, and service and leadership in the medical laboratory science program.

Nursing Department Awards

The **Department of Nursing Award for Academic Excellence** is given each May to the graduating senior in nursing who has earned the highest cumulative grade point average.

The **Department of Nursing Service Award** is given each May to the graduating senior in nursing who has made significant, sustained contributions to the department and to the school.

The **Shannon Henretty Spirit Award** is given in memory of Sharon Henretty, a 2014 nursing graduate, and is presented to the pre-licensure graduate who exemplifies Shannon's legacy of spirit with which she lived her life. That spirit is characterized by kind, gentle and selfless giving to others, particularly the disadvantaged; a spirit of service, embodied by humility, devotion and joy; and a spirit of dedication to making a difference in the world.

The **Charles Mackey Award** is given to a graduating nursing student who, like Chris, demonstrates potential in teaching students and assisting colleagues.

The **Judith A. Feustle Award** is presented to the graduating senior in nursing who best exemplifies the holistic practice of nursing through excellence in clinical care, critical thinking, leadership, and professionalism.

The **Catherine Nugent Award** is given to the student in the traditional nursing program who has demonstrated outstanding performance in clinical nursing courses. Faculty members decide which student has met the criteria which include therapeutic communication skills with patients, families, colleagues; evidence of critical thinking; evidence of integration of prior knowledge; evidence of manual skills and safe clinical practice; and evidence of leadership among peers.

The **R.O.S.E. AWARD (Recognition of Student Excellence)** was initially presented by the first graduating class in May 1994 to recognize student excellence. This award is presented by the graduating class in nursing to the member of that class who best exemplifies the qualities of peer support and guidance with gratitude from their fellow students.

Beverly K. Fine School of the Sciences Awards

The **Joseph A. Brusini Excellence in Science Award** was established in 2001 by Dr. Joseph A. Brusini, who served as chair of the Villa Julie College Science Division for 20 years. It is given each May to the graduating senior who has best demonstrated exemplary work in scientific or mathematical research and shown great promise for success in the sciences.

Biological Sciences Department Awards

The **Department of Biological Sciences Award for Academic Excellence** is given each May to the graduating senior in biology or environmental science who has earned the highest cumulative grade point average at the level of magna cum laude or higher.

The **Department of Biological Sciences Service Award** is given each May to the graduating senior in biology or environmental science who has made significant, sustained contributions to the department and to the school.

Chemistry Department Awards

The **Department of Chemistry and Biochemistry Award for Academic Excellence** is given each May to the graduating senior in biochemistry or chemistry who has earned the highest cumulative grade point average at the level of magna cum laude or higher.

The **Department of Chemistry and Biochemistry Service Award** is given each May to the graduating senior in biochemistry or chemistry who has made significant, sustained contributions to the department and to the school.

The **American Chemical Society Maryland Section Student Award from Stevenson University** is presented each May to the graduating chemistry major who has best demonstrated overall academic excellence in upper-level chemistry courses and laboratory experiences and has been active in department activities and projects. The recipient is recognized by both Stevenson University and the Maryland Section of the American Chemical Society.

Mathematics and Physics Department Awards

The **Department of Mathematics and Physics Award for Academic Excellence** is given each May to the graduating senior in applied mathematics who has earned the highest cumulative grade point average at the level of magna cum laude or higher.

The **Department of Mathematics and Physics Service Award** is given each May to the graduating senior in applied mathematics who has made significant, sustained contributions to the department and to the school.

Approved Honor Societies

Alpha Chi – National College Honor Society

Alpha Chi is an honor society that promotes only the highest academic excellence and exemplary character among undergraduate Stevenson University students. As a national honor society, Alpha Chi admits only junior and senior students from all academic disciplines who have been endorsed by their faculty and who have achieved a grade point average putting them in the top 10% of their class (including their grade point average from any transferring institutions). Alpha Chi is thus unique in that it draws its members from across all academic disciplines. In addition to recognizing students for their academic achievement, Alpha Chi also offers numerous opportunities for their further growth. The society sponsors a competition for scholarships and fellowships totaling more than $50,000 yearly, mostly at the national level but also at the regional and local levels. Members also have the opportunity to participate in student scholarly and creative presentations and publish scholarly articles at national and regional conventions.

Alpha Phi Sigma-National Criminal Justice Honor Society

Alpha Phi Sigma recognizes academic excellence of undergraduate and graduate students of criminal justice, as well as *juris doctorate* students. The goals of Alpha Phi Sigma are to honor and promote academic excellence, community service, educational leadership, and unity. Alpha Phi Sigma is the only criminal justice honor society that is a certified member of the Association of College Honor Societies and affiliated with the Academy of Criminal Justice Sciences. Stevenson University's Mu Psi chapter of Alpha Phi Sigma recognizes undergraduate criminal justice majors who have completed at least three full-time semesters, have a minimum grade point average of 3.2 overall and in the major, and rank in the top 35% of their class.

Alpha Psi Omega – National Honorary Theatre Society

Membership in Alpha Psi Omega is open to all students at Stevenson who participate regularly in University theatre productions. The local chapter, in conjunction with the theatre department at Stevenson University, extends invitations to those students who have acquired enough points based upon records supplied by the theatre staff and advisors or both. Most chapters operate by point guidelines as outlined in the Alpha Psi Omega constitution. The purpose of Alpha Psi Omega is to recognize and reward those students who have made significant contributions to the theatre.

Beta Beta Beta – National Biological Honor Society

Beta Beta Beta was founded in 1922 as an honor and professional society for students of the biological sciences. Its purposes are to encourage scholarly attainment and cultivate intellectual interest in the life sciences. To be eligible for regular membership, a student must be at least a second-year biology, biochemistry, environmental science, or medical laboratory science major who has completed a minimum of three biology courses, at least one of which must be higher than the introductory level, with a GPA in all biology courses of 3.00 or higher. The society also welcomes associate members who are students at any level in any major who are interested in biology. Students who have multiple academic misconduct findings on their academic record or who have one academic misconduct finding on their record at any time after earning 30 credits at Stevenson University are not eligible for either regular or associate membership.

Delta Alpha Pi – International Honor Society (DAPi)

Delta Alpha Pi - Epsilon Rho Chapter is an academic honor society founded in 2004 for students with disabilities attending colleges and universities across the nation. DAPi offers an opportunity to recognize students with disabilities for their academic accomplishments. High achieving students, registered with disability services are invited to become members. The society provides leadership opportunities through formal meetings and program planning. The Office of Disability Services works in collaboration with Interdisciplinary Studies program to advise these student leaders. The organization focuses on self-worth and advocacy.

Delta Epsilon Iota – National Honor Society for Career Development

Delta Epsilon Iota is an interdisciplinary honor society open to all majors. Delta Epsilon Iota's mission is to educate members about career development, encourage academic excellence, and promote the principles of dedication, enthusiasm, and initiative in all aspects of campus life. The society has embraced these values and is now one of the leading academic honor societies serving higher education. Delta Epsilon Iota works directly with the Office of Career Services. Membership is comprised of students with at least 30 credits and a GPA of 3.30 and above.

Gamma Sigma Epsilon – National Chemistry Honor Society

Gamma Sigma Epsilon recognizes students demonstrating exceptional ability and interest in the field of chemistry. It aims to promote professionalism and scholarship in chemistry and the general welfare of its members. Membership in Gamma Sigma Epsilon is extended to those students who have completed a minimum of 16 credits in chemistry and are enrolled in four additional chemistry credits and who have a minimum GPA of 3.40 in all chemistry courses and a minimum 3.00 overall GPA. Students who have multiple academic misconduct findings on their academic record or who have one academic misconduct finding on their record at any time after earning 30 credits at Stevenson University are not eligible for membership.

Kappa Delta Pi – International Education Honor Society

Kappa Delta Pi is an international honor society open to the top students in the field of education. This honor society promotes leadership and fellowship among educators. Scholarship, leadership and service are the pillars of KDP. Eligible students must be juniors or above, have a minimum of 12 credits in education and a GPA of 3.30 or above, and provide supportive evidence of their commitment to education.

Kappa Mu Epsilon – National Mathematics Honor Society

Kappa Mu Epsilon promotes a knowledge and appreciation of mathematics and recognizes outstanding student achievement in mathematics at colleges and universities whose primary focus is undergraduate education. Membership in Kappa Mu Epsilon is open to students in any major who have taken three mathematics courses at the 200 level or higher, one of which must be in the calculus sequence (MATH 220, 221, or 222), who have attained an average of a "B" or better in all mathematics courses, and who rank in the upper 35% of their class by GPA. Students who have multiple academic misconduct findings on their academic record or who have one academic misconduct finding on their record at any time after earning 30 credits at Stevenson University are not eligible for membership.

Kappa Omicron Nu – Fashion Merchandising and Fashion Design Honor Society

Kappa Omicron Nu promotes empowered leaders who use an integrative approach to enhance quality of living through excellence in scholarship, leadership, and research. Kappa Omicron Nu recognizes high achievement in academics and scholarship. The Nu Alpha Eta chapter of Kappa Omicron Nu at Stevenson University invites students in Fashion Merchandising and Fashion Design who meet the following requirements: at least 60 credit hours completed, with 30 of those completed at Stevenson University, and have a GPA in the top 25% of their major.

Lambda Epsilon Chi – National Honor Society for Legal Studies

Lambda Epsilon Chi (LEX) is open to full-time and part-time legal studies students in good standing who demonstrate superior academic performance by having a cumulative grade point average and a grade point average in their legal studies classes of 3.50 or above and who have completed at least two-thirds of the program. Members are selected by legal studies faculty based on written applications for membership, faculty recommendations, and demonstration of service and dedication to the legal profession.

Lambda Pi Eta – Honor Society of the National Communication Association

Lambda Pi Eta's goals are to recognize, foster, and reward outstanding scholastic achievement in communication studies; to stimulate interest in the field of communication; to promote and encourage professional development among communication majors; to provide an opportunity to discuss and exchange ideas in the field of communication; to establish and maintain closer relationships between faculty and students; and to explore options for graduate education in communication studies. Membership in Lambda Pi Eta is extended to those students with a 3.0 cumulative GPA who have completed 60 credits and have at least a 3.25 GPA in a minimum of four courses in the communication courses in the major. Activities are a mix of social, academic, and community service.

Psi Chi – The International Honor Society in Psychology

Psi Chi, the International Honor Society in Psychology, promotes excellence and scholarship in psychology and works to advance the science of psychology. Students who apply for membership must be psychology majors or minors who have completed at least three full-time semesters; have completed three psychology courses totaling nine credits with a minimum GPA in psychology of 3.0; and rank in the top 35% of GPAs for their academic year, with a minimum cumulative GPA of 3.00.

Sigma Beta Delta – International Honor Society in Business, Management, and Administration

Sigma Beta Delta recognizes scholarship and personal accomplishment for students of business, management, and administration. The society encourages and promotes aspirations toward personal and professional improvement and a life distinguished by honorable service to humankind. Students majoring in Accounting, Business Administration, and Marketing are invited to lifetime membership if they meet the following criteria: a ranking in the top 20% of the program majors for the academic year; at least a 3.50 total GPA on a 4.0 scale; and junior status with completion of at least 30 credits towards the major.

Sigma Tau Delta – International English Honor Society

Alpha Lambda Omicron, Stevenson University's chapter of Sigma Tau Delta, confers distinction upon students of English language and literature in undergraduate, graduate, and professional studies. Students majoring in English language and literature and interdisciplinary studies (with English as one of the focuses), or minoring in English who have an overall GPA of 3.00 or better and have an average in their English classes of 3.00 or better are eligible for membership. Members are recognized for their outstanding achievements and may enrich their educational experience by taking part in chapter activities, competing for national awards and scholarships, and attending the annual Sigma Tau Delta convention. They may also contribute to The Rectangle, the society's literary publication.

Sigma Theta Tau International – Honor Society of Nursing

Rho Epsilon, Stevenson University's chapter of Sigma Theta Tau International, is open to undergraduate and graduate nursing candidates who demonstrate scholastic achievement, academic integrity, and leadership qualities. Student candidates are invited to join the society when they meet specific membership requirements. These requirements can be reviewed at nursingsociety.org. Nurses in the community who demonstrate excellence in practice and leadership may also be nominated. A formal induction ceremony is held during the spring semester. The purpose of Sigma Theta Tau International is to create a community of leaders and scholars in practice, education, and research to enhance the health of all people. The society supports learning and professional development of members to improve nursing care worldwide.

Sigma Xi – The Scientific Research Society

Sigma Xi is an international, multidisciplinary society that promotes the health of the scientific enterprise, rewards excellence in scientific research, and encourages a sense of cooperation among scientists in all fields. Each May election to this international honor society is conferred upon students majoring in the sciences and mathematics who have excelled in conducting independent research and in communicating the results of their work, and who show great potential for a future in research.

Tau Upsilon Alpha – National Honor Society for Human Services

Candidates for Stevenson University's Alpha Chapter of Tau Upsilon Alpha must be counseling and human services majors or minors, have a minimum overall GPA of 3.25, have completed three full-time semesters of university work, and be in the upper 35% of their class. In addition, they must agree to abide by the National Organization for Human Services' Code of Ethics. The mission of this honor society is to honor academic excellence; to foster lifelong learning, leadership, and development; and to promote excellence in service to humanity.

Upsilon Phi Delta - National Honor Society for Healthcare Management

The purposes of UPD are to: elevate the standards, ideals, competence and ethics of professionally educated women and men in health administration and leadership, recognize and encourage scholarship in healthcare administration, recognize students who achieve distinction in healthcare administration studies in universities and colleges, provide financial assistance through scholarships to outstanding students pursuing graduate studies.

Upsilon Pi Epsilon – International Honor Society for Computer and Information Disciplines

Upsilon Pi Epsilon recognizes undergraduate and graduate students. Undergraduate student must have completed 45 credits plus a minimum GPA of 3.3 in the major and a minimum 3.0 GPA overall, while graduate students must have completed a minimum of 18 credits in their degree program and earned an overall GPA of 3.5. Stevenson's chapter objective is the promotion of high scholarship in the various fields of the computing and information disciplines, and to provide community service in the area of Information Technology.

Fields of Study

Accounting

Brown School of Business and Leadership

Program of Accounting

Program Coordinator: Victoria Doby, CPA

Description

The accounting program is designed to provide accounting major graduates with the knowledge required to become successful in today's multi-faceted business world. In addition to technical knowledge of accounting, students will learn to think critically, write purposefully, and exhibit the soft skills needed to work with others.

The program combines accounting courses with information technology and functional activities of business, government, and not-for-profit organizations, while addressing the needs of the business world and providing students with an understanding of contemporary careers, issues, and challenges. The core emphasizes financial accounting at the intermediate level, cost accounting, tax accounting, auditing, finance, and business law.

The Bachelor of Science in Accounting has now received specialized accreditation through the International Accreditation Council for Business Education (IACBE).

Outcomes

Upon completion of the Bachelor of Science in Accounting, graduates will be able to

1. Demonstrate proficiency in the relevant technical knowledge of accounting and related disciplines needed to enter the accounting profession.
2. Apply the ethical standards of the accounting profession to business and accounting contexts.
3. Formulate solutions to problems by synthesizing discipline specific knowledge and critical thinking skills.
4. Demonstrate the appropriate communication skills necessary for accounting professionals.
5. Demonstrate the professional competencies related to contemporary accounting careers.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major.

A course may be repeated once without the special permission of the dean. Accounting majors who do not successfully complete a major course with a grade of "C" or better after a second attempt will not be allowed to continue in the accounting program.

Students required to take developmental courses must complete those courses before enrolling in ACC 140. Transfer students must complete a minimum of six designated ACC courses at Stevenson University to earn a degree in accounting.

Requirements

The courses listed below are required for completion of the bachelor's degree in accounting. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
ACC 140	Financial Accounting	3
ACC 141	Managerial Accounting	3
ACC 201	Intermediate Accounting I	4
ACC 202	Intermediate Accounting II	4
ACC 301	Intermediate Accounting III	4
ACC 302	Advanced Accounting	3
ACC 303	Cost and Managerial Accounting	3
ACC 304	Governmental and Not-for-Profit Accounting	3
ACC 400	Auditing and Attestation	4
ACC 411	Tax Accounting: Individual	3
ACC 412	Tax Accounting: Corporation and Partnership	3
ACC 417	Accounting Internship	3 - 9
ACC 430	Financial Modeling and Analysis	3
ACC 490	Senior Seminar	1
CM 101	Public Speaking	3
EC 201	Principles of Macroeconomics	3
EC 202	Principles of Microeconomics	3
FIN 303	Foundations of Finance	3
IS 135	MS Office Applications	3
LAW 308	Business Law and Legal Responsibilities	3
MATH 136	Introduction to Statistics	4
MGT 204	Principles of Management	3
MGT 210	Business Writing	3
MGT 308	Business Ethics	3
MKT 206	Principles of Marketing	3

Suggested Course Sequence

2022-23 SCS Accounting

Minor in Accounting

A minor in accounting is available. All course prerequisites must be met to be eligible to take the selected course for a minor. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

BS/MS Option: The BS/MS option is available for students majoring in accounting who wish to combine their bachelor's coursework with work toward a master's degree in one of Stevenson's graduate programs. By completing a BS/MS option, students will earn the 150 credit hours necessary for CPA licensing while also earning both a bachelor's and a master's degree in as few as five years. Interested students must formally apply for entrance into a BS/MS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. For more information on this program, see the *Stevenson University Graduate Catalog*.

Course Descriptions

See Accounting Course Descriptions (p. 124)

Applied Mathematics

Beverly K. Fine School of the Sciences

Department of Mathematics and Physics

Chair: Mark A. Branson, Ph.D.

Description

The applied mathematics major provides students with an array of courses that build mathematical skills. Students graduate with a solid background in mathematics and statistics and the ability to use data to solve problems in various disciplines. Critical and analytic thinking skills make applied mathematics majors highly employable in government, the private sector, and education.

In addition to their core mathematics coursework, students choose a track which allows them to pursue their mathematical interests in a particular field. These tracks are actuarial mathematics, which prepares students to work towards careers as actuaries in insurance, financial, and government careers; business mathematics, which prepares students to work in financial, managerial, and business analysis careers; scientific mathematics, which prepares students to work in pharmaceutical, medical, and scientific careers; and interdisciplinary mathematics, which prepares students to work in educational and more general mathematical careers.

Outcomes

Upon completion of the Bachelor of Science in Applied Mathematics, graduates will be able to:

1. Solve problems individually and collaboratively using mathematical techniques.
2. Support and justify results using mathematical reasoning, logic, and proof.
3. Construct, analyze, and interpret mathematical and statistical models.
4. Use technology to investigate and solve mathematical problems.
5. Communicate mathematics clearly in both written and oral formats.
6. Exhibit behaviors consistent with the professional and ethical standards of the discipline.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to take a science or math course* unless they earn a grade of "C" or better in all prerequisite courses.

A student must maintain a science and math GPA of 2.0 or better in each semester in order to remain in good standing within the major. Grades are reviewed each semester and students are notified in writing of their academic status in the major, as appropriate:

- **Probation:** The student who earns a science and math GPA less than 2.0 in one semester will be notified, in writing, by the Department Chair that they are on probation in the Fine School of the Sciences. Students who are on probation will be required to meet regularly with their Success Coach/Academic Advisor for at least one full semester after being put on probation.
- **Dismissal:** The student who earns a science and math GPA less than 2.0 for a second semester will be notified, in writing, by the Department Chair that they are dismissed from the applied mathematics, biochemistry, biology, biomedical engineering, chemistry, or environmental science major.

** Science and mathematics courses are defined as courses with the designation: BIO, BIOCH, BME, CHEM, ENV, FSCI, MATH, PHYS, or SCI.*

Requirements

The courses listed below are required for completion of the bachelor's degree in applied mathematics. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
MATH 220	Calculus I	4
MATH 221	Calculus II	4
MATH 222	Calculus III	4
MATH 312	Mathematical Statistics I	3
MATH 313	Mathematical Statistics II	3
MATH 326	Linear Algebra	3
MATH 418	Mathematical Modeling	3
MATH 425	Scientific Computer Programming	3

MATH 470	Capstone Internship	3
	or	
MATH 471	Capstone Internship	6
MATH 475	Capstone Seminar	3
	3 MATH electives	

Note: Students choosing the 6-credit Capstone Internship (MATH 471) can take one less MATH elective course.

Complete the requirements for the Actuarial Track, Business Track, Scientific Track, or Interdisciplinary Track.

Actuarial Track:

All major requirements and the following electives:

ACC 140	Financial Accounting	3
ACC 141	Managerial Accounting	3
EC 201	Principles of Macroeconomics	3
EC 202	Principles of Microeconomics	3
FIN 300	Principles of Finance	3
MATH 342	Time Series Analysis	3
MATH 420	Actuarial Mathematics	3

Business Track:

All major requirements and the following electives:

ACC 140	Financial Accounting	3
	or	
MGT 204	Principles of Management	3
	or	
MKT 206	Principles of Marketing	3
EC 201	Principles of Macroeconomics	3
MATH 442	Numerical Analysis	3
2 Business electives	in ACC, EC, FMER, INBUS, IS, MGT, and/or MKT	
1 MATH elective	(at 200 level or above)	

Interdisciplinary Track:

All major requirements and the following electives:

MATH 301	Mathematical Structures	3
MATH 321	Introduction to Differential Equations	3
MATH 442	Numerical Analysis	3
PHYS 215	General Physics I with Calculus	4
PHYS 216	General Physics II with Calculus	4
1 MATH elective	(at 200 level or above)	

Scientific Track:

All major requirements and the following electives:

Choose 1 sequence: CHEMISTRY or BIOLOGY

CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
	or	
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
BIO 114	General Biology II: Structure and Function of Organisms	3
BIO 114L	General Biology II Laboratory: Structure and Function of Organisms	1
MATH 321	Introduction to Differential Equations	3
MATH 442	Numerical Analysis	3
2 Science electives	in BIO, BIOCH, CHEM, ENV, and/or PHYS	

Suggested Course Sequence

2022-23 SCS APMATH Actuarial Track

2022-23 SCS APMATH Business Track

2022-23 SCS APMATH Interdisciplinary Track

2022-23 SCS APMATH Scientific Track

Minor in Mathematics

A minor in Mathematics is available. The minor in Mathematics requires successful completion of a minimum of six courses and 18 credits with a MATH prefix. Courses ineligible for the Mathematics minor include all courses at the 000 and 100 level and MATH 205 and 206: Mathematics for Educators I and II.

Please see the Chair of the Department of Mathematics and Physics for further information regarding this minor. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

Mathematics and Physics Department Honors Requirements: Eligible students majoring in applied mathematics may elect to pursue honors within the Department of Mathematics and Physics. The intention to pursue Mathematics and Physics Department Honors must be declared before the start of their last semester before graduation. To declare the intent to pursue department honors, a student must have earned a cumulative GPA of 3.50 or higher and a plan to finish the honors requirements outlined below.

Students graduating with Mathematics and Physics Department honors will have this distinction noted on their official university transcript. In order to graduate with department honors, the following requirements must be met:

Completion of a combination of two experiences in one or both of the following categories and a cumulative GPA of 3.5 or higher at graduation:

- Research experience approved by the department.
- 300-400 level MATH elective that is not being used to fulfill a degree or track requirements in the major.

BS/MAT Option: The BS/MAT option is available for students majoring in applied mathematics who wish to combine their bachelor's coursework with work toward a

Stevenson University master's degree in teaching. For more information on this program please see the *Stevenson University Graduate Catalog* and the *Additional Enrollment Options* in the *Admissions* section of this catalog.

Course Descriptions

See Applied Mathematics Course Descriptions (p. 185)

Art

Stevenson University offers a bachelor's degree in graphic design. Detailed information on this bachelor's degree program can be found in the Graphic Design (p. 100) section of the catalog.

Minor in Art

A minor in art requires successful completion of a minimum of six courses and 18 credits with an ART or PHOTO prefix. Courses ineligible for this minor include:

- ART 241 Creative Development in Young Children
- ART 242 Creative Development in Elementary Education

Students in the Art Minor explore fine art through materials, methods, and histories. Art courses encompass a variety of media and forms, from drawing and design to photography and printmaking.

Students majoring in Graphic Design may not minor in Art. All course prerequisites must be met to be eligible to take the selected courses for a minor. Please see the chair of the Department of Art and Graphic Design for more information. General guidelines regarding minors may be found in the Minors section of the catalog.

Course Descriptions

See Art Course Descriptions (p. 126)

Biochemistry

Beverly K. Fine School of the Sciences

Department of Chemistry and Biochemistry

Department Chair: Jeremy R. Burkett

Description

Biochemistry is a scientific discipline that integrates and applies chemical and biological principles in exploring and understanding the chemistry of living organisms. In the biochemistry major, students are grounded in the chemical, physical, and biological principles that characterize living systems, and they develop an interdisciplinary mindset that prepares them to embrace the interdependent nature of these areas of study. In addition, students develop facility with a wide variety of technical skills required in the modern workforce in both research and industrial environments. By working with modern instrumentation in well-equipped laboratory facilities, students develop excellent laboratory and analytical skills, preparing them for employment in a variety of biochemical fields, graduate study in biochemistry or related areas, and a career in a variety of professional arenas, including pharmacy, medicine, veterinary medicine, physical therapy, and dentistry. Because students first gain a basic understanding of the principles of biochemistry and then are required to explore science independently, through research, internships and/or a capstone experience, graduates from this program will be well-prepared to meet the rapidly changing research, clinical, and technical demands of our modern world.

Outcomes

Upon completion of the Bachelor of Science in Biochemistry, graduates will be able to:

1. Apply knowledge of chemical principles to the understanding of living systems.
2. Describe the ways in which biomolecules contribute to the structure and function of cells.
3. Design and execute scientific experiments using the scientific method.
4. Interpret scientific data and communicate findings.
5. Exhibit behaviors consistent with the professional and ethical standards of the discipline.
6. Evaluate current scientific advances using knowledge of biochemical principles.
7. Evaluate scientific discovery in terms of its scientific merit and its ethical, societal, and global implications.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to take a science or math course* unless they earn a grade of "C" or better in all prerequisite courses.

A student must maintain a science and math GPA of 2.0 or better in each semester in order to remain in good standing within the major. Grades are reviewed each semester and students are notified in writing of their academic status in the major, as appropriate:

- **Probation:** The student who earns a science and math GPA less than 2.0 in one semester will be notified, in writing, by the Department Chair that he or she is on probation in the Fine School of the Sciences. Students who are on probation will be required to meet regularly with their Success Coach/Academic Advisor for at least one full semester after being put on probation.
- **Dismissal:** The student who earns a science and math GPA less than 2.0 for a second semester will be notified, in writing, by the Department Chair that he or she is dismissed from the applied mathematics, biochemistry, biology, biomedical engineering, chemistry, or environmental science major.

** Science and mathematics courses are defined as courses with the designation: BIO, BIOCH, BME, CHEM, ENV, FSCI, MATH, PHYS, or SCI.*

Requirements

The courses listed below are required for completion of the bachelor's degree in biochemistry. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
BIO 230	Genetics	4
BIOCH 327	Biochemistry	3
BIOCH 345L	Integrative Laboratory I	2
BIOCH 427	Advanced Biochemistry	3
BIOCH 470	Capstone Internship	3
	or	
BIOCH 471	Capstone Internship	6
BIOCH 475	Capstone Seminar	3
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
CHEM 210	Organic Chemistry I	3
CHEM 210L	Organic Chemistry I Laboratory	1
CHEM 211	Organic Chemistry II	3
CHEM 211L	Organic Chemistry II Laboratory	1
CHEM 213	Digital Information Literacy for Chemistry	1
CHEM 313	Career Connections in Chemistry	1
MATH 220	Calculus I	4
PHYS 210	General Physics I	4
	or	
PHYS 215	General Physics I with Calculus	4
PHYS 211	General Physics II	4
	or	
PHYS 216	General Physics II with Calculus	4
SCI 215	Writing in the Sciences	3

Elective courses Group 1

Select two from the following list:

BIO 310	Cell Biology	3
BIO 330	Molecular Genetics	4
CHEM 310	Analytical Chemistry	3
CHEM 430	Physical Chemistry	3

Elective courses Group 2

Select three from the following list, at least one course must be at the 300-level or higher:

BIO 203	Microbiology	4
BIO 280	Nutrition Science	3
BIO 313	Virology	3
BIO 322	Human Physiology	4
BIO 332	Epidemiology	3
BIO 335	Immunology	4
BIO 362	Independent Research Experience in Biology	2
BIO 365	Independent Laboratory Research in Biology	3
BIOCH 365	Independent Laboratory Research in Biochemistry	3
BME 314/MATH 314	Biostatistics	3
CHEM 206	Herbal Medicines and Remedies	3
CHEM 221	Inorganic Chemistry	3
CHEM 346L	Integrative Laboratory II	2
CHEM 365	Independent Laboratory Research in Chemistry	3
CHEM 435	Special Topics in Chemistry	3
SCI 201	Medical Terminology	3

Suggested Course Sequence

2022-23 SCS Biochemistry

2022-23 SCS Biochemistry MFS Option

Minor in Biochemistry

A minor in biochemistry is not available.

Other Options

Department of Chemistry and Biochemistry Honors Requirements: Eligible students majoring in biochemistry may elect to pursue honors within the Department of Chemistry and Biochemistry. The intention to pursue Chemistry and Biochemistry department honors must be declared before the start of their last semester before graduation. To declare the intent to pursue department honors, a student must have earned a science/math GPA of 3.50 or higher and a plan to finish the honors requirements outlined below.

Students graduating with Chemistry Department honors will have this distinction noted on their official university transcript. In order to graduate with department honors, the following requirements must be met:

- Completion of one research experience.
- Completion of a second research experience or a 300-400 level CHEM or BIOCH elective that is not being used to fulfill a degree requirement in the major.
- An oral presentation of the research experience to the department.
- A science/math GPA of 3.5 or higher at graduation.

BS/MFS Option: The BS/MFS option is available for students majoring in biochemistry who wish to combine their bachelor's coursework with work toward a Stevenson University master's degree in forensic science in the biology or chemistry track. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into this BS/MFS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors.

Please see the Forensic Science section of this catalog for more information.

BS/MAT Option: The BS/MAT option is available for students majoring in biochemistry who wish to combine their bachelor's coursework with work toward a Stevenson University master's degree in teaching. Please see *Additional Enrollment Options* in the Admissions section of this catalog for more information.

Course Descriptions

See Biochemistry Course Descriptions (p. 131)

Biology

Beverly K. Fine School of the Sciences

Department of Biological Sciences

Department Chair: Wendy L. Kimber, Ph.D.

Description

Students interested in careers in many areas of biology and the biomedical sciences can earn a Bachelor of Science in Biology at Stevenson University. The biology program provides students with a broad biological background in environmental, organismal, cellular, and molecular biology. By choosing additional electives in areas of special interest, students are then able to tailor their studies to suit their future goals. Independent research is integrated into coursework at all levels, and critical thinking and teamwork skills are emphasized.

Our graduates are well prepared for careers in industry or research, admission to graduate school in biology or related fields and admission to medical, dental, veterinary, physical therapy, or other health profession schools.

Outcomes

Upon completion of the Bachelor of Science in Biology, graduates will be able to:

1. Apply knowledge of fundamental biological principles to the description and analysis of living systems.
2. Apply research skills and techniques to the investigation of biological questions.
3. Evaluate scientific issues and findings using appropriate sources.
4. Communicate scientific findings in written and oral formats appropriate to the audience.
5. Conduct oneself in a manner consistent with the professional and ethical standards of the discipline.
6. Apply academic preparation to professional experiences outside the classroom.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to take a science or math course* unless they earn a grade of "C" or better in all prerequisite courses.

A student must maintain a science and math GPA of 2.0 or better in each semester in order to remain in good standing within the major. Grades are reviewed each semester and students are notified in writing of their academic status in the major, as appropriate.

- **Probation:** The student who earns a science and math GPA less than 2.0 in one semester will be notified, in writing, by the Department Chair that they are on probation in the Fine School of the Sciences. Students who are on probation will be required to meet regularly with their Success Coach/Academic Advisor for at least one full semester after being put on probation.
- **Dismissal:** The student who earns a science and math GPA less than 2.0 for a second semester will be notified, in writing, by the Department Chair that they are dismissed from the applied mathematics, biochemistry, biology, biomedical engineering, chemistry, or environmental science major.

** Science and mathematics courses are defined as courses with the designation: BIO, BIOCH, BME, CHEM, ENV, FSCI, MATH, PHYS, or SCI.*

Requirements

The courses listed below are required for completion of the bachelor's degree in biology. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
	or	
BIO 113HL	Honors - General Biology I Laboratory	1
BIO 114	General Biology II: Structure and Function of Organisms	3
BIO 114L	General Biology II Laboratory: Structure and Function of Organisms	1
BIO 115	General Biology III: Ecology and Evolution	3
BIO 115L	General Biology III Laboratory: Ecology and Evolution	1
BIO 218	Career Connections in the Life Sciences	1
BIO 230	Genetics	4
BIO 235L	Diversity of Life	1
BIO 470	Capstone Internship	3
	or	
BIO 471	Capstone Internship	6
BIO 475	Capstone Seminar	3
CHEM 114	General Chemistry I with Problem Solving	3

	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 115S	General Chemistry I SoLVE	0
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
CHEM 116S	General Chemistry II SoLVE	0
CHEM 210	Organic Chemistry I	3
CHEM 210L	Organic Chemistry I Laboratory	1
MATH 136	Introduction to Statistics	4
SCI 215	Writing in the Sciences	3

Biology Electives, (take six courses):

Take six courses from the following courses listed below according to the following criteria:

- A minimum of three courses at the 300- or 400-level
- A minimum of three lab courses
- A maximum of two courses with the BIOCH, ENV or MLS designation
- A maximum of one research course from BIO 362, BIO 365, BIOCH 362, BIOCH 365, ENV 362, ENV 365

BIO 203, BIO 210, BIO 217, BIO 222, BIO 270, BIO 280, BIO 307, BIO 310, BIO 312, BIO 313, BIO 314, BIO 315, BIO 322, BIO 326 BIO 330, BIO 332, BIO 335, BIO 362, BIO 365, BIOCH 327, BIOCH 345L, BIOCH 362, BIOCH 365, BIOCH 427, ENV 213, ENV 255, ENV 260, ENV 275, ENV 280, ENV 285, ENV 310, ENV 320, ENV 330, ENV 360, ENV 362, ENV 365, ENV 375, ENV 410, ENV 415, ENV 420, MLS 210, MLS 310, MLS 310L, MLS 325, MLS 325L, MLS 330, MLS 330L, MLS 338, MLS 338L, SCI 201.

Students can take either BIO 217 or BIOCH 327 but not both. Students can take BIO 322 or BIO 326 but not both.

Suggested Course Sequence

2022-23 SCS Biology

2022-23 SCS Biology MFS Option

Minor in Biology

The minor in biology requires successful completion of a minimum of six courses and 18 credits with a BIO prefix. For biology courses with a separate lab co-requisite, both the lab and lecture for the course must be taken; however, the lab does not count as a separate course toward the minor.

Courses ineligible for the biology minor include:

- BIO 104 The Human Body and Contemporary Health Issues

Please see the Chair of the Department of Biological Sciences for further information regarding this minor. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

Biology Department Honors Requirements:

Eligible students majoring in biology may elect to pursue honors within the Department of Biological Sciences. The intention to pursue biology department honors must be declared no later than the end of the first semester of the junior year. To declare the intent to pursue department honors, a student must have earned a science GPA of 3.50 or higher.

Students graduating with biology department honors will have this distinction noted on their official university transcript. In order to graduate with department honors, the following requirements must be met:

- Completion of a 400-level capstone experience with a grade of "B" or better
- Completion of BIO 440 Seminar Topics in Biology with a grade of "B" or better
- Completion of an Honors Contract Project in an upper-level biology course. A grade of "B" or better must be earned in the course in which an Honors Contract Project is completed. The student must submit a contract project proposal to be approved by department faculty before beginning the project. The final project must be approved by department faculty in order to receive honors credit.
- A science GPA of 3.50 or higher at the time of graduation

BA Option: Students also have the option of completing a Bachelor of Arts degree in Biology. The student must fulfill all SEE requirements, program requirements, and complete two semesters of a foreign language from the point of placement or completion of 202 level.

BS/MFS Option: The BS/MFS option is available for students majoring in biology who wish to combine their bachelor's coursework with work toward a Stevenson University master's degree in forensic science. Students choosing this option may earn their master's degrees in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into this BS/MFS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. Please see the Forensic Science section of this catalog for more information.

BS/MAT Option: The BS/MAT option is available for students majoring in biology who wish to combine their bachelor's coursework with work toward a Stevenson University master's degree in teaching. Please see *Additional Enrollment Options* (p. 26) in the *Admissions* (p. 21) section of this catalog for more information.

Service-Learning Options: Service learning options are offered periodically with some biology courses. Please consult the course instructor or the department chair if you have any questions.

Course Descriptions

See Biology Course Descriptions (p. 128).

Biomedical Engineering

Beverly K. Fine School of the Sciences

Program of Biomedical Engineering

Program Coordinator: Neil S. Rothman, Ph.D.

Description

The biomedical engineering program prepares students to solve important human health-related scientific problems through the application of engineering principles, ideas, methods, and inventions. The program emphasizes critical and creative thinking in addition to technical skills and knowledge and provides students with opportunities to apply these skills and knowledge to the solution of real world problems. A strong foundation in basic sciences and math, including biology, chemistry, physics, and data analysis, coupled with specific biomedical engineering coursework provides students with a broad interdisciplinary background for careers in a wide variety of fields including biomechanics, biotechnology, rehabilitation, medicine, and more.

In addition to science and engineering coursework that emphasizes teamwork and problem-solving, students in this program are immersed in the professional setting and gain practical experience through a required clinical immersion and a two-semester design capstone experience that is tailored to their career interests. As a result, students in biomedical engineering are prepared to play a key role in the research, design, and development of innovations in biomedical procedures and devices. Graduates are also well-positioned to pursue continuing education in the health professions , graduate studies in engineering or science or other professional programs.

Program Educational Objectives

The Biomedical Engineering program at Stevenson University nurtures students to become competent professionals and caring citizens who improve the health and well-being of others by:

1. Being creative problem solvers who exhibit compassion and empathy.
2. Succeeding in a broad spectrum of professional careers such as research and development, medicine, and engineering, including fields such as medical devices and diagnostic systems, biomechanics, biotechnology, or rehabilitation.
3. Pursuing graduate study in biomedical engineering and related fields, health professions, law or other professional programs.
4. Making purposeful and substantive contributions to their organizations, communities, and the biomedical field.

Outcomes

Upon successful completion of the Bachelor of Science in Biomedical Engineering, graduates will be able to:

1. Apply knowledge of mathematics, science, and engineering principles to the description and analysis of living systems.
2. Design and conduct experiments, including the analysis and interpretation of data.
3. Design a system, component, or process that meets desired needs within relevant constraints such as economic, environmental, ethical, safety, sustainability and others.
4. Collaborate effectively to formulate, test and refine an engineering solution to a biomedical problem or issue.
5. Evaluate scientific issues and findings using primary research literature.
6. Communicate scientific and engineering findings or conclusions in written and oral formats appropriate to the audience.
7. Conduct oneself in a manner consistent with the ethical and professional standards of the discipline.
8. Apply academic preparation to professional experiences outside the classroom.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to take a science or math course* unless they earn a grade of "C" or better in all prerequisite courses.

A student must maintain a science and math GPA of 2.0 or better in each semester in order to remain in good standing within the major. Grades are reviewed each semester and students are notified in writing of their academic status in the major, as appropriate:

- **Probation:** The student who earns a science and math GPA less than 2.0 in one semester will be notified, in writing, by the Department Chair that they are on probation in the Fine School of the Sciences. Students who are on probation will be required to meet regularly with their Success Coach/Academic Advisor for at least one full semester after being put on probation.
- **Dismissal:** The student who earns a science and math GPA less than 2.0 for a second semester will be notified, in writing, by the Department Chair that they are dismissed from the applied mathematics, biochemistry, biology, biomedical engineering, chemistry, or environmental science major.

** Science and mathematics courses are defined as courses with the designation: BIO, BIOCH, BME, CHEM, ENV, FSCI, MATH, PHYS, or SCI.*

Requirements

The courses listed below are required for completion of the bachelor's degree in biomedical engineering. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisities are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	

BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
BME 101	Introduction to Biomedical Engineering	3
BME 205	Problem Solving and Design	4
BME 210	Thermodynamics	3
BME 230	Biofluid Mechanics	3
BME 314/MATH 314	Biostatistics	3
BME 315	Biomaterials	4
BME 320	Clinical Immersion	3
BME 335	Instrumentation	3
BME 340	Systems Physiology	4
BME 380	Biomechanics	4
BME 470	Design Capstone I	3
BME 475	Design Capstone II	3
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
CHEM 210	Organic Chemistry I	3
MATH 220	Calculus I	4
MATH 221	Calculus II	4
MATH 222	Calculus III	4
MATH 321	Introduction to Differential Equations	3
PHYS 215	General Physics I with Calculus	4
PHYS 216	General Physics II with Calculus	4
SCI 215	Writing in the Sciences	3

Basic Science Electives:

Select one from the following list:

BIO 217	Principles of Biochemistry	3
BIO 222	Human Anatomy	4
BIO 230	Genetics	4
BIO 310	Cell Biology	3
BIO 322	Human Physiology	4
BIO 330	Molecular Genetics	4
BIOCH 327	Biochemistry	3
BIOCH 427	Advanced Biochemistry	3
CHEM 211	Organic Chemistry II	3
CHEM 211L	Organic Chemistry II Laboratory	1
CHEM 435	Special Topics in Chemistry	3

Biomedical Engineering Electives:

Select two from the following list:

BME 325	Transport Processes	3
BME 330	Bioelectric Systems	3
BME 365	Independent Research in Biomedical Engineering	3
BME 425	Synthetic Biology	3
BME 440	Special Topics in Biomedical Engineering	3

BME 325, 330, and 425 are under development.

Suggested Course Sequence

2022-23 SCS Biomedical Engineering

Minor in Biomedical Engineering

A minor in biomedical engineering is not available.

Other Options

Other options are not available at this time.

Course Descriptions

See Biomedical Engineering Course Descriptions (p. 132)

Business Administration

Brown School of Business and Leadership

Department of Business Administration

Department Chair: Zamira S. Simkins, Ph.D.

Description

The business administration major is designed to give graduates the knowledge, skills, critical thinking ability, and technological competence essential to be successful in business, conduct research, analyze information, and communicate effectively. The business administration major provides a strong foundation in business functions and includes courses in management, marketing, finance, accounting, economics, information systems, international business, and business law. Additionally, students select electives from the disciplines above to develop a greater degree of specialization according to their individual interests and career goals.

The Bachelor of Science in Business Administration including all tracks has received specialized accreditation through the International Accreditation Council for Business Education (IACBE).

Outcomes

Upon completion of the Bachelor of Science in Business Administration, graduates will be able to:

1. Demonstrate knowledge of the functional areas of business.
2. Formulate business solutions.
3. Communicate business information to specific audiences in varied formats.
4. Critique ethical issues and practices that affect business in domestic and global environments.
5. Demonstrate professional competencies related to contemporary business careers.

Entrepreneurship Track Description

The entrepreneurship track option is designed for students who wish to:

- Build and oversee a business venture.
- Obtain necessary skills and abilities to run a successful business enterprise.

- Enhance their knowledge in the areas of resource management, marketing feasibility, business finance, and business networking as required to run a self-owned business.
- Increase their proficiency to communicate and effectively promote innovative business ideas.

Entrepreneurship Track Outcomes

Upon completion of the entrepreneurship track, graduates will be able to:

1. Identify specific business opportunities and construct corresponding entrepreneurial approaches.
2. Utilize the elements of the entrepreneurial process: idea generation, start-up, and growth of a small business enterprise to determine the viability of new business opportunities.
3. Identify and integrate required elements necessary to write a business plan for a new business venture.
4. Demonstrate a working knowledge of specific marketing, finance, human resources, and legal management practices necessary to be a successful entrepreneur.
5. Appraise specific entrepreneurial risks and determine alternate ways to reduce or eliminate such threats.

Finance Track Description

The finance track is designed for students who wish to:

- Enhance their knowledge of the financial aspects of business practices, personal investments, and governmental policies and procedures.
- Learn the theories and practices of finance from the perspective of organizational management, the investing community, and the regulatory agencies.
- Articulate the theories and practices of finance as they relate to the successful operation of a modern organization or to the performance of personal investments.

Finance Track Outcomes

Upon completion of the finance track, graduates will be able to:

1. Apply theories and fundamental principles of finance to business decision-making practices.
2. Appraise risk profiles and asset valuation of businesses using specific financial data.
3. Analyze and interpret the role and operations of the domestic and global financial markets as they relate to the development of personal, stakeholder, and corporate gains.
4. Explain the global financial environment and its processes as they relate to multinational and domestic businesses.

International Business Track Description

The international business track is designed for students who wish to:

- Develop a better understanding of the global business environment.
- Study the impact of the global economy on domestic and foreign companies, trade policy and foreign investment, and aspects of international management, production, and marketing.
- Pursue career opportunities in international business.

International Business Track Outcomes

Upon completion of the international business track, graduates will be able to:

1. Evaluate the effects of globalization on countries and businesses.
2. Assess the political, economic, financial, legal, and cultural factors impacting international business operations, transactions, marketing, and management.
3. Formulate a strategy to reduce risks of doing business in the international environment.
4. Evaluate ethical issues facing international businesses.
5. Recognize cultural differences and challenges of working in a diverse workplace.
6. Demonstrate cross-cultural communication skills.

General Track Description

The general track option is designed for students who wish to:

- Explore different functional areas of business to determine job and career possibilities.
- Enhance their knowledge in select functional area(s) of business - Accounting, Economics, Finance, Fashion Merchandising, Economics, International Business, Information Systems, Management, Marketing, Real Estate, as well as select topics in Legal Studies and Cybersecurity and Digital Forensics.
- Learn theories and practices of business from the perspective of various organizational practices.

General Track Outcomes

Upon completion of the general track, graduates will be able to:

1. Apply models and fundamental principles to areas of business practices that support a wide variety of organizations.
2. Utilize specific area-based tools necessary for responsible decision-making in public, private, and non-profit sector contexts.
3. Identify the requirements for specific business-related responsibilities needed in a changing employment environment.
4. Explain applied functions carried out in specific departments of an organization.

Sport Management Track Description

The sport management track option is designed for students who wish to:

- Provide management and/or marketing support to professional, intercollegiate, or interscholastic sport organizations or resort establishments.
- Oversee and operate recreational programs in municipalities or tourism environments.

- Oversee and operate an exercise or athletic training facility.
- Own a sport-related business.

Sport Management Track Outcomes

Upon completion of the sport management track, graduates will be able to:

1. Identify and evaluate the unique business context of the different sport and recreation industries.
2. Use and adapt specific business strategies in the application of managing a sport-related organization.
3. Apply appropriate legal and economic considerations to managing sport and recreation organizations.
4. Analyze various marketing and promotional strategies to choose appropriate approaches in support of a successful sport business plan.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, track electives, and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course in the major without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course. A course may be repeated once without special permission.

Business administration majors must apply in writing to the Dean of the School of Business and Leadership requesting permission to take a course for a third time. Those who do not successfully complete a major course with a grade of "C" or better after three attempts will not be allowed to continue in the business administration program.

Requirements

The courses listed below are required for completion of the bachelor's degree in business administration. Students must also complete the requirements for the Stevenson Educational Experience (SEE).

Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
ACC 140	Financial Accounting	3
ACC 141	Managerial Accounting	3
EC 201	Principles of Macroeconomics	3
EC 202	Principles of Microeconomics	3
FIN 300	Principles of Finance	3
INBUS	Any International Business Course	
IS 135	MS Office Applications	3
LAW 208	Business Law	3
MATH 136	Introduction to Statistics	4
MGT 204	Principles of Management	3
MGT 210	Business Writing	3
MGT 300/MKT 301	Applied Business Analytics	3
MGT 308	Business Ethics	3
MGT 310	Organizational Behavior	3
MGT 313	Operations Management	3
MGT 422	Strategic Management	3
MGT 430	Business Capstone Seminar	3
MKT 206	Principles of Marketing	3

Students must complete all of the program requirements and one of the following tracks.

Entrepreneurship Track:

All major requirements, MGT/MKT/FIN 417, and the following:

MGT 224	Principles of Entrepreneurship	3
MGT 324	Entrepreneurial Business Planning	3
MGT 323	Social Entrepreneurship	3
	or	
MGT 413	Project Management	3
	or	
MGT 424	Entrepreneurial Development	3
MKT 330	Strategic Marketing for Entrepreneurs	3

Finance Track:

All major requirements, FIN 417, and four of the following electives:

FIN 321	Money & Banking	3
FIN 416	International Finance	3
FIN 420	Investment Theory and Practice	3
FIN 425	Principles of Risk Management and Insurance	3
FIN 435	Applied Corporate Finance	3
FIN 450	Business Valuation	3

General Track:

***All major requirements**, and **MGT** or **MKT** or **FIN** 417 and four business electives from the following subject areas/courses:* ACC, CDF 110 (p. 134), EC, FIN, FMER, INBUS, IS, LAW 325 (p. 183), LAW 345 (p. 183), LAW 470 (p. 185), MGT, MKT, REA

International Business Track:

All major requirements, MGT/MKT/FIN 417, and four of the following INBUS electives:

Note: Business Administration: International Business track majors are required to take one program-required INBUS course, and up to 4 approved track electives. An INBUS course completed as a part of the program requirements cannot be double-counted towards the International Business track elective courses.

INBUS 201	Survey of International Business	3
INBUS 315/MGT 315	International Business Management	3
INBUS 325/MKT 325	International Marketing	3
INBUS 347/MGT 347	International Human Resource Management	3
INBUS 416/FIN 416	International Finance	3
INBUS 420	International Operations Management	3
INBUS 430	International Economics	3

INBUS 470/LAW 470	International Business Law	3

Sport Management Track

All major requirements, MGT 235, MGT/MKT 417, and three of the following electives:

EC 340	Economics of Sports	3
LAW 345	Sports Law	3
MGT 335	Management of Sport Enterprises	3
MKT 315	Sports Marketing	3

Suggested Course Sequence

2022-23 SCS Business Administration

Minor in Business Administration

A minor in business administration is not available; however, students majoring in other fields who have an interest in business may consider earning an academic minor in accounting, economics, management, or marketing, or a professional minor in Management and Organizational Leadership, Entrepreneurship and Small Business Development, Human Resources, or Real Estate. Please see an academic advisor for more information. Specific information regarding minor requirements may be found in the *Academic Information* (p. 45) section of the catalog. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Minor in Finance

The discipline minor in Finance requires successful completion of a minimum of six courses and 18 credits with a FIN prefix. The finance minor is available to students in all majors, except Business Administration: Finance Track. Due to curriculum overlap, students can receive credit for either FIN300 or FIN303 but not for both. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

BS/MS Option: The BS/MS option is available for students majoring in business administration who wish to combine their bachelor's coursework with work toward a master's degree in one of Stevenson's graduate programs. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into a BS/MS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. For more information on this program, see the Stevenson University Graduate Catalog.

Course Descriptions

See Accounting Course Descriptions (p. 124)
See Economics Course Descriptions (p. 146)
See Finance Course Descriptions (p. 160)
See International Business Course Descriptions (p. 174)
See Management Course Descriptions (p. 189)
See Marketing Course Descriptions (p. 192)

Business Communication

School of Design

Department of Communication

Department Chair: Lee Krähenbühl, Ph.D.

Description

The business communication program offers a communication degree with specialized skills and knowledge in business, writing, and design in order to prepare competent communication practitioners. Students majoring in business communication are prepared for a range of career opportunities in positions such as those found in corporate communication, marketing, public relations, and non-profit leadership among others or to enter graduate school. Graduates gain the skills necessary to listen to, appreciate, and empathize with diverse voices and perspectives which enhances their problem-solving abilities and decision-making skills in both the public and private sectors.

Communication courses, along with those in business, writing, and design provide a firm foundation for communication practitioners and the adaptable skills and knowledge needed to succeed in an increasingly diverse, expanding, and dynamic workforce. Students learn the core elements of competent communication to work with or on diverse communication and creative problem-solving and decision-making teams found in today's market. Coursework is enhanced and supplemented with practical application in a required internship. Ultimately, graduates of this program are the people who organizations and communities seek to help collaborate and connect with a myriad of individuals and audiences.

Outcomes

Upon completion of the Bachelor of Science in Business Communication, graduates will be able to:

1. Apply communication concepts, theories and practices to diverse contexts and audiences.
2. Assess competency of communication practices in personal and professional settings.
3. Generate creative solutions to ethical and professional problems through critical thinking and collaborative interaction.
4. Synthesize knowledge and skills in communication, business, writing, and design in professional contexts outside the classroom.
5. Interpret diverse perspectives and advocate with empathy for oneself and others.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of

major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Requirements

The courses listed below are required for completion of the bachelor's degree in business communication. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1

Communication Core Required Courses - (28 credits)

CM 101	Public Speaking	3
CM 115	Interpersonal Communication	3
	or	
CM 211	Intercultural Communication	3
CM 205	Communication Ethics	3
CM 255	Small Group Communication	3
CM 270	New Media Communication	3
CM 290	Internship Preparation	1
CM 310	Conflict Resolution and Negotiation	3
CM 390	Organizational Communication	3
CM 401	Internship	Variable; minimum 3 required
CM 490	Communication Capstone	3

Business Core Required Courses - 12 credits

MGT 204	Principles of Management	3
MKT 206	Principles of Marketing	3
MKT 311	Consumer Behavior	3
MKT 336	Integrated Marketing Communication	3

Design Core Required Courses - 9 credits

GDES 125	Fundamentals of Digital Media	3
GDES 270	Introduction to Corporate Communication Design	3
PHOTO 141	Basic Digital Photography	3

Technology Core Requirements - Choose 3 credits from the following.

ENG 256	Introduction to Digital Publishing	3
GDES 208	Web Design I	3
IS 135	MS Office Applications	3
IS 260	Presentation Theory and Application	3

Writing Core Options - Choose 9 credits - ALL classes also serve as approved electives.

CM 253/ENG 253	Journalism I	3
CM 254/ENG 254	Journalism II	3
CM 303/ENG 303	Feature Writing	3
CM 304/ENG 304	Magazine Writing and Publishing	3
CM 305/ENG 305	Journalism Practicum	3
CM 314/ENG 314	Public Relations Writing	3
CM 323	Writing for the Web	3
ENG 224	Introduction to Creative Writing	3
ENG 324	Creative Writing: Non-Fiction	3

Program Elective Options - Choose 6 credits

CM 120	Human Communication	3
CM 206	Listening and Communication	3
CM 236	Communication Research and Writing	3
CM 260	Business and Professional Communication	3
CM 265	Event Planning and Publicity	3
CM 275	Principles and Practices of Public Relations	3
CM 300	Advanced Public Speaking	3
CM 380	The Advertising Campaign	3
CM 402	Special Topics in Communication	3
CM 440	Persuasion Theory	3
CM 445	Communication and Leadership	3
CM 460	Communicating Identities	3
ENG 225	Topics in Creative Writing	3
ENG 381	Themes in Literature	3
FMI 101	Cinema I: Storytelling	3
FMI 102	Cinema II: Continuity	3
FMI 204	Broadcast Production	3
MGT 224	Principles of Entrepreneurship	3
MGT 235	Introduction to Sport Management	3
MKT 307	Market Research	3
MKT 315	Sports Marketing	3
MKT 316	Principles of Negotiation and Sales	3
MKT 325	International Marketing	3
SOD 395	The Mill - Design Center	3
CM 331	Nonverbal Communication	3

Other courses as approved by advisor and academic program administrator.

Suggested Course Sequence

2022-23 SCS Business Communication

Minor in Business Communication

A minor in Communication is available. Please contact the department chair for more information.

Other Options

BA Option: Students also have the option of completing a Bachelor of Arts degree in Business Communication. The student must fulfill all SEE requirements, program requirements, and complete two semesters of a foreign language from the point of placement or completion of 202 level.

BS/MS Option: The BS/MS option is available for students majoring in business communication who wish to combine their bachelor's coursework with work toward a master's degree in one of Stevenson's graduate programs. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students must formally

apply for entrance into a BS/MS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. A master's degree in communication studies is available. For more information on this program, see the *Stevenson University Graduate Catalog*.

Course Descriptions

See Communications Course Descriptions (p. 143)

Chemistry

Beverly K. Fine School of the Sciences

Department of Chemistry and Biochemistry

Department Chair: Jeremy R. Burkett

Description

Chemistry is one of the three basic areas that form the foundation of all science and is essential for a complete understanding of the physical world. Focusing on the study of matter, the field of chemistry includes a wide variety of basic areas ranging from the study of atoms, the chemical bond, and basic chemical reactions to the exploration of applied topics, including biochemistry, medicinal and drug chemistry, forensic science, physical and quantum chemistry, and instrumentation.

Stevenson University's chemistry program, planned in accordance with the requirements of the American Chemical Society (ACS), offers a broad selection of courses for students in chemistry and provides an excellent background for any scientific or technological career. Laboratory work and research are emphasized throughout the curriculum. With modern instrumentation and laboratory facilities, students develop excellent laboratory and analytical skills, preparing them for employment in the chemical industry, graduate study in chemistry, or a career in a variety of professional arenas, including pharmacy, medicine, and dentistry.

Outcomes

Upon completion of the Bachelor of Science in Chemistry, graduates will be able to:

1. Apply knowledge of chemical principles to the understanding of the world at a molecular level.
2. Plan, design, safely execute and interpret scientific experiments using the scientific method.
3. Communicate scientific knowledge in clear notebook entries, laboratory reports and oral and poster presentations.
4. Evaluate scientific discovery for its scientific merit and in terms of its ethical, societal and global implications using knowledge of chemical principles.
5. Exhibit behaviors consistent with the professional and ethical standards of the discipline.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to take a science or math course* unless they earn a grade of "C" or better in all prerequisite courses.

A student must maintain a science and math GPA of 2.0 or better in each semester in order to remain in good standing within the major. Grades are reviewed each semester and students are notified in writing of their academic status in the major, as appropriate:

- **Probation:** The student who earns a science and math GPA less than 2.0 in one semester will be notified, in writing, by the Department Chair that they are on probation in the Fine School of the Sciences. Students who are on probation will be required to meet regularly with their Success Coach/Academic Advisor for at least one full semester after being put on probation.
- **Dismissal:** The student who earns a science and math GPA less than 2.0 for a second semester will be notified, in writing, by the Department Chair that they are dismissed from the applied mathematics, biochemistry, biology, biomedical engineering, chemistry, or environmental science major.

** Science and mathematics courses are defined as courses with the designation: BIO, BIOCH, BME, CHEM, ENV, FSCI, MATH, PHYS, or SCI.*

Requirements

The courses listed below are required for completion of the bachelor's degree in chemistry. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
CHEM 210	Organic Chemistry I	3
CHEM 210L	Organic Chemistry I Laboratory	1
CHEM 211	Organic Chemistry II	3
CHEM 211L	Organic Chemistry II Laboratory	1
CHEM 213	Digital Information Literacy for Chemistry	1
CHEM 313	Career Connections in Chemistry	1
CHEM 430	Physical Chemistry	3
CHEM 470	Capstone Internship	3
	or	
CHEM 471	Capstone Internship	6
CHEM 475	Capstone Seminar	3
MATH 220	Calculus I	4
PHYS 210	General Physics I	4
	or	
PHYS 215	General Physics I with Calculus	4
PHYS 211	General Physics II	4
	or	

PHYS 216	General Physics II with Calculus	4
SCI 215	Writing in the Sciences	3

Note: Students choosing to take the 6-credit Capstone Internship (CHEM 471) can take one Chemistry elective.

Chemistry Electives:

Select six electives from the list below (at least one or more be either BIOCH 345L or CHEM346L, and at least four must be at the 300-400 level)

BIOCH 327	Biochemistry	3
BIOCH 345L	Integrative Laboratory I	2
BIOCH 365	Independent Laboratory Research in Biochemistry	3
BIOCH 427	Advanced Biochemistry	3
BME 314/MATH 314	Biostatistics	3
CHEM 203	Environmental Chemistry	3
CHEM 206	Herbal Medicines and Remedies	3
CHEM 221	Inorganic Chemistry	3
CHEM 310	Analytical Chemistry	3
CHEM 346L	Integrative Laboratory II	2
CHEM 365	Independent Laboratory Research in Chemistry	3
CHEM 435	Special Topics in Chemistry	3
MATH 221	Calculus II	4
MATH 314/BME 314	Biostatistics	3
MATH 321	Introduction to Differential Equations	3
MATH 425	Scientific Computer Programming	3
SCI 201	Medical Terminology	3

Notes: Special Topics in Chemistry (CHEM 435) may be repeated multiple times with different topics. Research (CHEM and BIOCH 365) can only count as two of the required electives.

Suggested Course Sequence

2022-23 SCS Chemistry

2022-23 SCS Chemistry MFS Option

Minor in Chemistry

The minor in chemistry requires successful completion of a minimum of six courses and 18 credits with a CHEM prefix. For chemistry courses with a separate lab co-requisite, both the lab and lecture for the course must be taken; however, the lab does not count as a separate course toward the minor. Please see the chair of the Department of Chemistry and Biochemistry for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

Chemistry Department Honors Requirements: Eligible students majoring in chemistry may elect to pursue honors within the Department of Chemistry and Biochemistry. The intention to pursue Chemistry and Biochemistry Department Honors must be declared before the start of their last semester before graduation. To declare the intent to pursue department honors, a student must have earned a science/math GPA of 3.50 or higher and a plan to finish the honors requirements outlined below.

Students graduating with Chemistry and Biochemistry Department honors will have this distinction noted on their official university transcript. In order to graduate with department honors, the following requirements must be met:

- Completion of one research experience.
- Completion of a second research experience or a 300-400 level CHEM or BIOCH elective that is not being used to fulfill a degree requirement in the major.
- An oral presentation of the research experience to the department.
- A science/math GPA of 3.5 or higher at graduation.

BA Option: Students also have the option of completing a Bachelor of Arts degree in Chemistry. The student must fulfill all SEE requirements, program requirements, and complete two semesters of a foreign language from the point of placement or completion of 202 level.

BS/MFS Option: The BS/MFS option is available for students majoring in chemistry who wish to combine their bachelor's coursework with work toward a Stevenson University master's degree in forensic science in the chemistry track. Students choosing this option may earn their master's degrees in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into this BS/MFS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. Please see the Forensic Science section of this catalog for more information.

BS/MAT Option: The BS/MAT option is available for students majoring in chemistry who wish to combine their bachelor's coursework with work toward a Stevenson University master's degree in teaching. Please see *Additional Enrollment Options* in the *Admissions* section of this catalog for more information.

Course Descriptions

See Chemistry Course Descriptions (p. 135)

Communication Studies

School of Design

Department of Communication

Department Chair: Lee Krähenbühl, Ph.D.

Description

The communication studies program offers students an opportunity to examine critically how communication functions in personal, public, and professional contexts. Students learn to become ethical and responsible producers and users of messages in response to specific contexts, audiences, and goals, but also learn to think critically about the messages that they consume. The program encourages students to use communication as

an introspective lens and to communicate sensitively and competently as members of groups, communities, cultures, and as global citizens. Empowering students to challenge assumptions, this program prepares students to serve as change agents and advocates for themselves and others through the power of public discourse. Communication studies provides opportunities for students to engage in communication inquiry in order to broaden their own perspectives and to contribute to the general body of communication knowledge and research. Overall, the undergraduate experience in communication studies equips students for entry into careers that value skilled communication practices as well as into graduate fields appreciative of the critical and practical nature of a communication program.

Outcomes

Upon completion of the Bachelor of Science in Communication Studies, graduates will be able to:

1. Distinguish the communication discipline from related areas of study.
2. Apply communication theories, perspectives, principles, and concepts in personal, public, and professional contexts.
3. Create messages appropriate to the audience, purpose, and context using multiple communication modalities and technologies.
4. Critically analyze messages in various communication contexts.
5. Evaluate the ethical elements of communication situations.
6. Utilize communication to embrace difference.
7. Interpret diverse perspectives and advocate with empathy for oneself and others.

Policies

Students must earn a minimum GPA of 2.00 in the major, and the lowest acceptable grade is a "C" in all courses that are program requirements. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Requirements

The courses listed below are required for completion of the bachelor's degree in communication. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
CM 101	Public Speaking	3
CM 115	Interpersonal Communication	3
CM 120	Human Communication	3
CM 205	Communication Ethics	3
CM 206	Listening and Communication	3
CM 211	Intercultural Communication	3
CM 235	Media and Society	3
CM 236	Communication Research and Writing	3
CM 290	Internship Preparation	1
CM 300	Advanced Public Speaking	3
CM 310	Conflict Resolution and Negotiation	3
CM 315	Communication Theory	3
CM 331	Nonverbal Communication	3
CM 390	Organizational Communication	3
CM 401	Internship	Variable; minimum 3 required
CM 440	Persuasion Theory	3
CM 445	Communication and Leadership	3
CM 460	Communicating Identities	3
CM 490	Communication Capstone	3

Suggested Course Sequence

2022-23 SCS Communication Studies

Minor in Communication

Students majoring in Communication Studies may not earn a minor in communication.

Other Options

BA Option: Students also have the option of completing a Bachelor of Arts degree in Communication Studies. The student must fulfill all SEE requirements, program requirements and complete two semesters of a foreign language from the point of placement or completion of 202 level.

BS/MS Option: The BS/MS option is available for students majoring in communication studies who wish to combine their bachelor's coursework with work toward a master's degree in one of Stevenson's graduate programs. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into a BS/MS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. A master's degree in communication studies is available. For more information on this program, see the *Stevenson University Graduate Catalog*.

Course Descriptions

See Communication Course Descriptions (p. 143)

Communication

Minor in Communication

A minor in communication complements a broad spectrum of majors leading to careers in business, government, health organizations, design, education, social and community services. Emphasis is placed on an understanding of the basic nature of communication in

organizations, and on the fundamental knowledge and skills necessary for effective communication in interpersonal, small group, public, and organizational settings. The minor in communication consists of 18 credits earned in courses with the CM prefix. SOD 395 may also be taken as one of the courses for a minor in communication. All course prerequisites must be met to be eligible to take the selected course for a minor. Students minoring in communication are eligible to take courses restricted to communication majors if the prerequisites are met. Courses ineligible for this minor include:

- CM 253/ENG 253 Journalism I
- CM 254/ENG 254 Journalism II
- CM 290 Business Communication Internship Prep
- CM 303/ENG 303 Feature Writing
- CM 304/ENG 304 Magazine Writing & Publishing
- CM 305/ENG 305 Journalism Practicum
- CM 314/ENG 314 Public Relations Writing
- CM 350 Junior Internship
- CM 401 Senior Internship

Students majoring in business communication or communication studies may not earn a minor in communication. Please see the chair of the communication programs for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Communication Course Descriptions (p. 143)

Computer Information Systems

Brown School of Business and Leadership

Department of Computer Information Systems

Interim Department Chair: Zamira S. Simpkins, Ph.D.

Description

The computer information systems (CIS) major is designed for the student who is interested in pursuing a technical career in support of organizations. Employers are seeking highly skilled technology professionals who know how to utilize technology to improve the organization's competitive edge. This major consists of courses in applied programming, network, and database design. The program's in-depth practical application of computer technology prepares the graduate to enter the workplace as a well-versed technology professional. Many graduates of this bachelor's degree program elect to continue their education at the graduate level by pursuing a master's in business and technology management.

CIS students will develop a portfolio of essential skills valued by employers. They will become problem-solvers who know how to think analytically, assess business problems, and design the best technology solutions.

Outcomes

Upon completion of the Bachelor of Science in Computer Information Systems, graduates will be able to:

1. Articulate technology skills learned and applied during their academic career.
2. Perform those information technology tasks essential to their chosen career path in application, network, or database design.
3. Communicate with confidence technology ideas in team meetings and public forums.
4. Demonstrate a professional competency in research, analysis, and business writing.
5. Converse in the languages of application, network, and database design.
6. Assess business problems using analytical and critical thought processes to identify the best technology solution.
7. Pursue an IT career as a well-rounded technology professional, able to leverage talents and interests.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

A course may be repeated twice without special permission. Information systems majors must apply in writing to the department chair requesting permission to attempt a course for a third time. Stevenson University does not grant credits or waivers for technical certifications.

Requirements

The courses listed below are required for completion of the bachelor's degree in computer information systems. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
IS 135	MS Office Applications	3
IS 140	Information Systems Architecture and Design	3
IS 150	Relational Database Design & SQL with MS Access	3
IS 170	Systems Development with UML	3
IS 201	Management Information Systems	3
IS 231	Network Technologies	3
IS 232	TCP and IP Communication Protocols for Windows and UNIX	3
IS 235	Advanced Windows Server Architecture & Administration	3
IS 240	Programming Concepts	3

IS 260	Presentation Theory and Application	3
IS 320	Human-Computer Interaction	3
IS 345	Java Programming	3
IS 350	IS Internship	3
IS 365	Writing for IS Applications	3
IS 431	Exchange Server & Messaging Systems	3
IS 432	Network Security-Firewalls, IDS, and Counter Measures	3
IS 444	Wireless Application Development	3
IS 480	Technology Law	3
MGT 210	Business Writing	3

Take any two of the following business electives:

ACC 140	Financial Accounting	3
MGT 204	Principles of Management	3
MKT 206	Principles of Marketing	3
	One 300-400 level INBUS, MGT or MKT course	

Suggested Course Sequence

2022-23 SCS Computer Information Systems

Minor in Information Systems

The minor in information systems requires successful completion of a minimum of six courses and 18 credits with an IS prefix. All course prerequisites must be met to be eligible to take the selected course for a minor. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

The BS/MS option is available for students majoring in computer information systems who wish to combine their bachelor's coursework with work toward a master's degree in one of Stevenson's graduate programs. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into a BS/MS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. For more information on this program see the *Stevenson University Graduate Catalog.*

Course Descriptions

See Information Systems Course Descriptions (p. 176)

Counseling and Human Services

School of Humanities and Social Sciences

Department of Counseling and Human Services

Department Chair: John Rosicky, Ph.D.

Description

The counseling and human services program is nationally accredited by the Council for Standards in Human Service Education (cshse.org). Graduates of the program are prepared to take the exam for certification as a Human Services-Board Certified Practitioner (HS-BCP) offered by the Center for Credentialing and Education.

The program equips students to assume careers in counseling and human services, working with a broad range of age groups (from infants to seniors) in many different areas, such as administration, business and industry, child welfare, criminal justice and corrections, developmental disabilities, education, gerontology, health care, higher education, and public welfare. The courses also prepare students to further their education in graduate programs such as human services, school counseling, marriage and family therapy, social work, counseling, and related social science disciplines.

The curriculum focuses on theory, research, and application, with field experience as a crucial part of the program. Their coursework gives students a strong background in how individuals and families develop and function. Students also acquire the skills necessary to provide services to people in need. Optional tracks are available in addictions and mental health counseling and child, adolescent, and family services. The courses within the tracks are open to all students who meet the prerequisites.

Addictions and Mental Health Counseling Track

The Addictions and Mental Health Counseling Track prepares students to work with clients who have substance abuse or other mental health issues. This option provides the academic work required for certification by the Maryland Board of Professional Counselors and Therapists as a certified associate counselor-alcohol and drug (CAC-AD). Certification requires additional supervised work experience following graduation.

Child, Adolescent, and Family Services Track

This track is for students interested in pursuing careers directly related to children and families. The track emphasizes social services available to support families such as child protective services, adoption and foster care systems, school-based support, and support for families in need. Emphasis is placed on child development, crisis intervention, coping skills, and resiliency.

Community Health Track

The track in Community Health brings together courses in Community Health, Biology, Human Services, and Communication to prepare students to become effective health educators and program coordinators/managers who support health and wellness for individuals and communities. Community health professionals organize and evaluate programs based on assessed needs of their target populations. Community health workers help medical professionals and educators by interacting with community members, collecting data, and implementing health and wellness programs. Students who complete a Community Health degree go on to work in fields such as health education, fitness and recreation, occupational therapy, and health management, and are prepared to pursue graduate school in nutrition, public health, and health promotion.

Outcomes

Upon completion of the Bachelor of Science in Counseling and Human Services, graduates will be able to:

1. Apply research findings to analyze common problems encountered in the counseling & human services field and develop appropriate solutions.
2. Develop individualized professional development goals and objectives, based on comprehensive self-evaluation and feedback from faculty and supervisors.
3. Exhibit consistent professional attitudes and behaviors in applied counseling & human services settings.
4. Exhibit culturally sensitive behavior in professional human services settings.
5. Exhibit effective and appropriate interpersonal skills in professional counseling & human services settings.
6. Synthesize and appropriately apply key concepts, methods and values in counseling & human services to professional situations, independently and with minimal supervision.

Addictions and Mental Health Counseling Track Outcomes

Upon completion of the addictions and mental health counseling track, graduates will be able to:

1. Act in accordance with the ethical principles and practices of the addiction counseling field (as specified for fulfillment of ethics requirement for certification as a Certified Associate Counselor-Alcohol & Drug).
2. Apply screening techniques in order to identify level of risk, needs, and strengths in individuals.
3. Formulate multidimensional treatment plans.
4. Analyze theories of counseling related to addictions and mental health.
5. Critique the process of intervention and various options for intervention.
6. Demonstrate counseling competencies (including motivational interviewing and multicultural counseling).
7. Describe major categories of psychological disorders and criteria for diagnosis, as described in the Diagnostic and Statistical Manual of Mental Disorders.

Child, Adolescent, and Family Services Track Outcomes

Upon completion of the child, adolescent, and family services track, graduates will be able to:

1. Compare and contrast programs within the child welfare system (child protective services, family preservation services, foster care, and adoption).
2. Interpret the impact of the legal system on the various aspects of the child welfare system.
3. Apply specific strategies for resolving problems and conflicts using effective communication skills.
4. Identify stages in physical, cognitive and emotional development in children.
5. Apply evidence-based strategies to assist children and youth in coping with life stresses.
6. Describe risk, resiliency, and protective factors that help children, youth, and families build capacity to overcome adversity.

Community Health Track Outcomes

Upon completion of the community health track, graduates will be able to:

1. Outline the history, philosophy, and social factors which influence the contemporary view of health.
2. Critically evaluate public health methods used to prevent and control communicable diseases and prevent and manage disasters that affect the health of communities.
3. Compare and contrast methods for changing health behavior.
4. Explain and analyze laws and regulations which influence implementation of health policies.
5. Apply the population perspective and evidence-based methods to define and address health needs of vulnerable groups in the U. S. and the society at large.

Policies

Students must earn a minimum GPA of 2.00 in the major, however, in order to advance to the senior practicum, students must earn a cumulative GPA of 2.50. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Requirements

The courses listed below are required for completion of the bachelor's degree in counseling and human services. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
CHS 101	Family Studies	3
CHS 105	Human Services and Social Policy	3
CHS 217	Professional Development in Counseling & Human Services	3
CHS 220	Diversity and Cultural Competence	3
CHS 224	Research Methods and Writing	3
CHS 270	Psychopharmacology and Addictions	3
CHS 315/515	Group Counseling	3
CHS 340/540	Administration of Human Services	3
CHS 360	Counseling Strategies for Individuals	3

CHS 380	Internship in Counseling and Human Services	3
CHS 430	Family Dynamics and Interventions	3
CHS 440	Practicum in Counseling and Human Services	9
CHS 441	Seminar in Counseling and Human Services	3
MATH 136	Introduction to Statistics	4
	or	
PSY 136	Statistics for the Behavioral and Social Sciences	4
PSY 101	Introduction to Psychology	3
PSY 108	Human Growth and Development	3
SOC 101	Introduction to Sociology	3

Students who do not declare a track must also take **5 focused electives**. At least 2 courses must be CHS courses; please see an advisor for the approved list.

Students also have the option of selecting a track in addictions and mental health counseling or child, adolescent, and family services, or community health.

Addictions and Mental Health Counseling:

All major requirements and the following track courses

CHS 370	Ethics in Counseling	3
CHS 371	Assessment and Treatment of Addictions	3
PSY 215	Psychopathology	3
	Two additional focused electives - 6 credits	

Child, Adolescent, and Family Services:

All major requirements and the following track courses

CHS 275	Services for Children and Youth	3
PSY 206	Child Development	3
CHS 362	Trauma and Crisis Intervention	3
	or	
CHS 365	Coping, Resilience and Growth-Focused Counseling	3
	Two additional focused electives - 6 credits	

Community Health Track:

All major requirements and the following track courses

BIO 280	Nutrition Science	3
BIO 332	Epidemiology	3
CMH 210	Introduction to Community Health	3

CMH 2XX Healthcare Systems and Administration - under development.

CMH 3XX Seminar in Community Health - under development.

CM 2XX Health Communication - under development.

Suggested Course Sequence

2022-23 SCS Counseling and Human Services

Minor in Counseling and Human Services

The minor in counseling and human services requires successful completion of a minimum of six courses and 18 credits with a CHS prefix. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

BS/MS Option: The BS/MS option is available for students majoring in counseling and human services who wish to combine their bachelor's coursework with work toward a Stevenson University master's degree in Healthcare Management or a degree in Community-Based Education and Leadership. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into a BS/MS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. For more information on this program see the *Stevenson University Graduate Catalog*.

Course Descriptions

See Counseling and Human Services Course Descriptions (p. 138)

Criminal Justice

School of Humanities and Social Sciences

Department of Law and Justice Studies

Department Chair: Hillary Michaud, J.D., CPA

Description

The criminal justice program is committed to preparing students through education, research, and public service. The program offers students a state-of-the-art education in criminal justice by providing a comprehensive and critical understanding of the criminal justice system and the society in which it functions.

As part of the School of Humanities and Social Sciences, the program also prepares students for criminal justice careers and postgraduate work as liberal-arts educated, intellectually mature, ethically aware, and culturally sensitive professionals. The program provides students with opportunities to examine critically the broad questions of how justice is administered in American society and globally as well as confront the fundamental issues of criminal justice which they face as professionals and involved citizens.

Students in the program have opportunities to assist faculty engaged in research and scholarship to address local and state issues in criminal justice. In addition, students work in the field and perform internships to prepare for a variety of careers in areas such as law enforcement, corrections, juvenile justice, security, and beyond. The program engages students in discipline-related clubs, activities, events, scholarship showcases, and academic conferences and provides extraordinary experiences through interaction with criminal justice professionals and visits to sites such as prisons and police training facilities. Practitioners throughout the field of criminal justice teach courses in the program, bringing real work experience into the classroom and providing exceptional career preparation and connections for students.

Outcomes

Upon completion of the Bachelor of Science in Criminal Justice, graduates will be able to:

1. Analyze the theories, practices, and policies of the branches of criminal justice including governmental agencies and other institutions of social control.
2. Apply principles of substantive criminal law and procedure to criminal justice practice.
3. Utilize appropriate oral and written communication, critical thinking, and research skills for the criminal justice discipline.
4. Demonstrate ethical decision-making practices while working in the criminal justice field.
5. Apply academic preparation to professional experience in the criminal justice field.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below a "C" is earned in a major course, the student must repeat that course.

A course may be repeated once without special permission. Criminal justice majors must apply in writing to the Dean of the School of Humanities and Social Sciences requesting permission to attempt a course for a third time.

Requirements

The courses listed below are required for completion of the bachelor's degree in criminal justice. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
CJUS 101	Introduction to Criminal Justice	3
CJUS 205	Ethics Principles in Criminal Justice	3
CJUS 210	Writing for Criminal Justice	3
CJUS 220	Criminal Law and Procedure	3
CJUS 275	Corrections	3
CJUS 280	Law Enforcement	3
CJUS 285	Criminology	3
CJUS 345	Victimology	3
CJUS 380	American Courts and the Criminal Justice System	3
CJUS 385	Research Methods in Criminal Justice	3
CJUS 417	Internship	3
MATH 136	Introduction to Statistics	4
	or	
PSY 136	Statistics for the Behavioral and Social Sciences	4
POSCI 205	State & Local Government	3

Take 6 CJUS elective courses for 18 credits; one course must be at the upper-level.

Suggested Course Sequence

2022-23 SCS Criminal Justice

Minor in Criminal Justice

A minor in criminal justice is available. All course prerequisites must be met to be eligible to take the selected course for a minor. A minor in criminal justice requires a minimum of 6 courses (18 credits) with a CJUS prefix. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

BS/MS Option: The BS/MS option is available for students majoring in criminal justice who wish to combine their bachelor's coursework with work toward a master's degree in one of Stevenson's graduate programs. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into a BS/MS option in their sophomore year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. For more information on this program, see the *Stevenson University Graduate Catalog*.

Course Descriptions

See Criminal Justice Course Descriptions

Cybersecurity and Digital Forensics

Brown School of Business and Leadership

Department of Computer Information Systems

Interim Department Chair: Zamira S. Simkins, Ph.D.

Description

The cybersecurity and digital forensics bachelor's degree will equip students with the ability to protect an organization's information technology assets from cyber-attacks, detect and respond to cyber intrusions, and mitigate the effects of such intrusions, as well as uncover digital evidence of criminal or unauthorized activity. The program combines cybersecurity concepts and skills with those of the field of digital forensics, creating a unique degree program. The emphasis of the program is on the prevention, detection, and mitigation of cyber-attacks, combined with the ability to gather digital evidence and conduct electronic crime investigations. Students who complete an associate's degree in cybersecurity or related degree, or a certificate in digital forensics will have CDF 110 (p. 134) waived.

Outcomes

Upon completion of the Bachelor of Science in Cybersecurity and Digital Forensics degree, graduates will be able to:

1. Develop a security policy for an organization that balances the organization's mission, culture, human factors, and security requirements;
2. Apply risk assessment methodologies in selecting and configuring security controls to protect information assets;
3. Monitor a network infrastructure for cyber-attacks;
4. Mitigate the effects on a network infrastructure due to a cyber-attack;
5. Evaluate an end-to-end computer forensics investigation;
6. Prepare a digital forensics evidence report.

Policies

Students must earn a minimum GPA of 2.00 in the major. Furthermore, the lowest acceptable grade is a "C" in all major courses. No student, regardless of major, will be permitted to advance to the next major course without earning a grade of "C" or better in the prerequisite course(s). When a grade below a "C" is earned in a major course, the student must repeat that course.

A course may be repeated twice without special permission. Information systems majors must apply in writing to the department chair requesting permission to attempt a course for a third time.

Requirements:

The courses listed below are required for completion of the bachelor's degree in cybersecurity and digital forensics. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

FYS 100	First Year Seminar	1
CDF 110	Cybersecurity and Digital Forensics Fundamentals	3
CDF 240	Linux System Administration	3
CDF 251	Network Security	3
CDF 252	Networking II	3
CDF 261	Digital Forensics	3
CDF 271	Intrusion and Penetration Testing	3
CDF 281	Advanced Network Defense	3
CDF 290	Legal Aspects of Cybersecurity	3
CDF 391	Incident Response and Investigation	3
CDF 392	Information Systems Forensic Internals – Auditing	3
CDF 393	Forensic Evidence Collection Tools and Techniques	3
CDF 475	Advanced Digital Forensics	3
CDF 480	Cybersecurity and Digital Forensics Capstone	3
IS 140	Information Systems Architecture and Design	3
IS 231	Network Technologies	3
IS 232	TCP and IP Communication Protocols for Windows and UNIX	3
IS 235	Advanced Windows Server Architecture & Administration	3
IS 240	Programming Concepts	3
IS 350	IS Internship	3
IS 365	Writing for IS Applications	3
IS 432	Network Security-Firewalls, IDS, and Counter Measures	3
MGT 210	Business Writing	3

Complete all major requirements and take one course from ACC, FIN, INBUS, MGT, or MKT.

Suggested Course Sequence

2022-23 SCS Cybersecurity and Digital Forensics

Minor in Cybersecurity

The discipline minor in cybersecurity requires successful completion of a minimum of six courses and 18 credits of coursework required for the cybersecurity and digital forensics major. At least four courses must have a CDF course prefix indicator.

Course Descriptions

See Cybersecurity and Digital Forensics Course Descriptions (p. 134)

Economics

Brown School of Business and Leadership

Department of Business Administration

Department Chair: Zamira S. Simkins, Ph.D.

Stevenson University does not currently offer a bachelor's degree in economics; however, business administration majors may select four economics courses for their general track electives. Students who select economics courses for their general track electives will be able to acquire a solid grasp of pertinent economic issues. The study of economics also enhances critical and analytical thinking skills that will be an asset to any career position and graduate program.

Minor in Economics

A minor in economics is available and requires successful completion of a minimum of six courses and 18 credits with an EC prefix. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) (p. 47)section of the catalog.

Course Descriptions

See Economics Course Descriptions (p. 146)

Education

School of Education

Associate Dean: Beth Kobett, Ed.D.

Early Childhood Education: Liberal Arts and Technology

School of Education

Associate Dean: Beth Kobett, Ed.D.

Description

Stevenson University offers a bachelor's degree program in early childhood education: liberal arts and technology (pre K – grade 3). Courses in this program provide candidates with the knowledge, skills, and dispositions to be successful early childhood teachers. The curriculum is designed to provide a strong foundation in liberal arts, mathematics and science, technological competency, and a thorough understanding of child development and its impact on educational practices. The curriculum includes an integration of theory, practice and mentoring, and includes field experiences from the second semester in the program. Candidates complete an internship in a Professional Development School that extends for two consecutive semesters. Candidates who successfully complete this program, including achieving passing scores on Core Academic Skills for Educators (or meeting the requirements for the SAT/ACT/GPA options) and Praxis II, are eligible for teacher certification in Maryland and in states with reciprocal agreements with the Maryland State Department of Education.

Outcomes

Upon completion of the Bachelor of Science in Early Childhood Education: Liberal Arts and Technology, graduates will be able to:

1. Apply knowledge of discipline content and content-related pedagogy to design and implement effective instruction for all learners.
2. Use knowledge of diverse students to design instruction and create a culturally responsive, equitable environment to support achievement for all learners.
3. Design and implement instruction that engages students, encourages student participation, promotes higher-level thinking, and supports instructional outcomes.
4. Design and implement assessment that monitors student learning, provides purposeful feedback on progress, and furnishes evidence to inform instruction.
5. Reflect on teaching, collaborate in a professional learning community, seek professional development opportunities, engage in inquiry, persist toward goals, and exhibit integrity and professionalism.

Policies

Candidates must earn a minimum overall GPA of 2.50 to progress to the sophomore year and a 3.00 to remain in the program. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major.

Admission into the School of Education. Incoming freshmen who have successfully completed the 90 credit hour certificate or the Teacher Academy of Maryland (TAM) program through their local high school must present official documentation from the high school prior to registration. Incoming transfer students or students who are changing their major into Early Childhood, Elementary, or Middle School Education are responsible for informing the Dean of the School of Education that they have completed the program and must also present official documentation from the high school.

Criteria for admission into the School include, but are not limited to the following: 1) earn an overall GPA of 3.00 or above, 2) earn grades of "C" or above in all major courses; and 3) satisfactorily complete all field experiences.

Admission into an Education Internship. Criteria for acceptance into the internship include, but are not limited to, the following: 1) achieve passing scores on the Core Academic Skills for Educators or meet the requirements of the SAT/ACT/GPA options, 2) attain an overall GPA of 3.00 or above, 3) earn grades of "C" or better in all major courses, 4) obtain the recommendation of the faculty in the School of Education; and 5) satisfactorily complete all field placements prior to internship. Candidates must also complete a criminal background check. Please see the *Unit Assessment Plan: Performance of Candidates* on the School of Education website for additional requirements.

Requirements

The courses listed below are required for completion of the bachelor's degree in early childhood education: liberal arts and technology. Candidates must also complete the requirements for the Stevenson Educational Experience (SEE).

Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
FYS 102	First Year Seminar	1
ED 108	Learning Experiences for Young Children	3
ED 108F	Year 1 Field Placement	0
ED 202F	Year 2 Field Placement	0
ED 203F	Year 2 Field Placement	0
ED 205	Year 2 Seminar	1
ED 230	Processes and Acquisition of Reading	3
ED 270	Curriculum Principles and Practices	3
ED 271	Principles of Assessment	3
ED 272	Principles of Special Education	3
ED 302	Year Three Seminar I	0
ED 303	Year Three Seminar II	1
ED 305F	Year 3 Field Placement	0
ED 306F	Year 3 Field Placement	0
ED 318	Methods of Teaching Mathematics: Early Childhood Education	4
ED 319	Methods of Teaching Science: Early Childhood	3

ED 331	Instruction of Reading	3
ED 365	Materials for Teaching Reading	3
ED 410	Assessment for Reading Instruction	3
ED 435	Internship Seminar I	1
ED 436	Internship Seminar II	3
ED 440	Internship I: Early Childhood	4
ED 441	Internship II: Early Childhood	12
ENG 282	Literary Genres: Youth Literature	3
IS 302	Integrating Technology and Digital Learning in the Classroom	3
PHIL 420	Philosophy of Education	3
PSY 206	Child Development	3
PSY 330	Educational Psychology	3

Fine Arts Elective:

Select one course from course prefix designators ART, FMI, MUS, PHOTO, or THEA. It must be a SEE certified Fine Arts.

HIST Elective:

Any SEE certified HIST course.

MATH Electives:

Minimum of 12 credits required - MATH 137, MATH 205, and MATH 206 (recommended). 4 credits must be SEE certified.

Science Electives:

Minimum of 12 credits required - BIO 104 (recommended). 4 credits must be SEE certified.

Social Science Elective:

GEO elective (recommended)

Suggested Course Sequence

2022-23 SCS Early Childhood Education

Minor in Early Childhood Education: Liberal Arts and Technology

A minor in early childhood education: liberal arts and technology is not available.

Course Descriptions

See Education Course Descriptions (p. 147)

Elementary Education: Liberal Arts and Technology

School of Education

Associate Dean: Beth Kobett, Ed.D.

Description

Stevenson University offers a bachelor's degree program in elementary education: liberal arts and technology (grades 1-6). Courses in this program provide candidates with the knowledge, skills, and dispositions to be successful elementary teachers. The curriculum is designed to provide a strong foundation in liberal arts, mathematics and science, technological competency, and a thorough understanding of child development and its impact on educational practices. The curriculum includes an integration of theory, practice and mentoring, and includes field experiences from the third semester in the program. Candidates complete an internship in a Professional Development School that extends for two consecutive semesters. Candidates who successfully complete this program, including achieving passing scores on Core Academic Skills for Educators (or meeting the requirements of the SAT/ACT/GPA options) and Praxis II, are eligible for teacher certification in Maryland and in states with reciprocal agreements with the Maryland State Department of Education. The elementary education: liberal arts and technology program is approved by the Maryland State Department of Education.

Outcomes

Upon completion of the Bachelor of Science in Elementary Education: Liberal Arts and Technology, graduates will be able to:

1. Apply knowledge of discipline content and content-related pedagogy to design and implement effective instruction for all learners.
2. Use knowledge of diverse students to design instruction and create a culturally responsive, equitable environment to support achievement for all learners.
3. Design and implement instruction that engages students, encourages student participation, promotes higher-level thinking, and supports instructional outcomes.
4. Design and implement assessment that monitors student learning, provides purposeful feedback on progress, and furnishes evidence to inform instruction.
5. Reflect on teaching, collaborate in a professional learning community, seek professional development opportunities, engage in inquiry, persist toward goals, and exhibit integrity and professionalism.

Policies

Candidates must earn a minimum overall GPA of 2.50 to progress to the sophomore year and a 3.00 to remain in the program. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major.

Admission into the School of Education. Incoming freshmen who have successfully completed the 90 credit hour certificate or the Teacher Academy of Maryland (TAM) program through their local high school must present official documentation from the high school prior to registration. Incoming transfer students or students who are changing their major into Early Childhood, Elementary, or Middle School Education are responsible for informing the Dean of the School of Education that they have completed the program and must also present official documentation from the high school.
Criteria for admission into the School include, but are not limited to the following: 1) earn an overall GPA of 3.00 or above, 2) earn grades of "C" or above in all major

courses; and 3) satisfactorily complete all field experiences.

Admission into an Education Internship. Criteria for acceptance into the internship include, but are not limited to, the following: 1) achieve passing scores on Core Academic Skills for Educators or meet the requirements of the SAT/ACT/GPA options, 2) attain an overall GPA of 3.00 or above, 3) earn grades of "C" or better in all major courses, 4) obtain the recommendation of the faculty in the School of Education; and 5) satisfactorily complete all education field placements prior to internship. Candidates must also complete a criminal background check. Please see the *Unit Assessment Plan: Performance of Graduates* on the School of Education website for additional requirements.

Requirements

The courses listed below are required for completion of the bachelor's degree in elementary education: liberal arts and technology. Candidates must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements

FYS 100	First Year Seminar	1
FYS 102	First Year Seminar	1
ED 202F	Year 2 Field Placement	0
ED 203F	Year 2 Field Placement	0
ED 205	Year 2 Seminar	0
ED 230	Processes and Acquisition of Reading	3
ED 270	Curriculum Principles and Practices	3
ED 271	Principles of Assessment	3
ED 272	Principles of Special Education	3
ED 302	Year Three Seminar I	0
ED 303	Year Three Seminar II	1
ED 305F	Year 3 Field Placement	0
ED 306F	Year 3 Field Placement	0
ED 321	Methods of Teaching Mathematics: Elementary Education	4
ED 331	Instruction of Reading	3
ED 341	Methods for Teaching English Language Arts and Social Studies: Elementary	5
ED 342	Methods of Teaching STEM: Elementary	3
ED 365	Materials for Teaching Reading	3
ED 410	Assessment for Reading Instruction	3
ED 435	Internship Seminar I	1
ED 436	Internship Seminar II	3
ED 442	Internship I: Elementary	4
ED 443	Internship II: Elementary	12
ENG 282	Literary Genres: Youth Literature	3
IS 302	Integrating Technology and Digital Learning in the Classroom	3
PHIL 420	Philosophy of Education	3
PSY 206	Child Development	3
PSY 330	Educational Psychology	3

Fine Arts elective

This course must be SEE certified as a fine arts.

HIST elective

Any SEE certified HIST course.

MATH electives

Minimum of 12 credits required - (MATH 137, MATH 205, and MATH 206 recommended). 4 credits must be SEE certified.

Science electives

Minimum of 12 credits required. (BIO 104 recommended). 4 credits must be SEE certified.

Social Science elective

GEO course (recommended)

Suggested Course Sequence

2022-23 SCS Elementary Education

Minor in Elementary Education: Liberal Arts and Technology

A minor in elementary education: liberal arts and technology is not available.

Course Descriptions

See Education Course Descriptions (p. 147)

Middle School Education: Liberal Arts and Technology

School of Education

Associate Dean: Beth Kobett, Ed.D.

Description

Stevenson University offers a bachelor's degree program in middle school education: liberal arts and technology (grades 4-9). Candidates complete an area of concentration in either mathematics and science or English language arts and social studies. Courses in both areas of concentration provide candidates with the knowledge, skills, and dispositions to be successful teachers. The curriculum is designed to provide a strong foundation in liberal arts, math and science, technological competency, and a thorough understanding of child and young adolescent development and its impact on educational practices. The sequence of courses is based on an integration of theory and practice, and includes field experiences from the third semester in the program. Candidates complete an internship in a Professional Development School that extends for two consecutive semesters. Candidates who successfully complete either area of concentration, including achieving passing scores on Core Academic Skills for Educators (or meeting the requirements for the SAT/ACT/GPA options) and Praxis II, are eligible for teacher certification in Maryland and in states with reciprocal agreements with the Maryland State Department of Education. The middle school education program is approved by the Maryland State Department of Education.

Outcomes

Upon completion of the Bachelor of Science in Middle School Education: Liberal Arts and Technology, graduates will be able to:

1. Apply knowledge of discipline content and content-related pedagogy to design and implement effective instruction for all learners.
2. Use knowledge of diverse students to design instruction and create a culturally responsive, equitable environment to support achievement for all learners.
3. Design and implement instruction that engages students, encourages student participation, promotes higher-level thinking, and supports instructional outcomes.
4. Design and implement assessment that monitors student learning, provides purposeful feedback on progress, and furnishes evidence to inform instruction.
5. Reflect on teaching, collaborate in a professional learning community, seek professional development opportunities, engage in inquiry, persist toward goals, and exhibit integrity and professionalism.

Policies

Students must earn a minimum overall GPA of 2.50 to progress to the sophomore year and a 3.00 to remain in the program. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major.

Admission into the School of Education. Incoming freshmen who have successfully completed the 90 credit hour certificate or the Teacher Academy of Maryland (TAM) program through their local high school must present official documentation from the high school prior to registration. Incoming transfer students or students who are changing their major into Early Childhood, Elementary, or Middle School Education are responsible for informing the Dean of the School of Education that they have completed the program and must also present official documentation from the high school.
Criteria for admission into the School include, but are not limited to, the following: 1) earn an overall GPA of 3.00 or above, 2) earn grades of "C" or above in all major courses; and 3) satisfactorily complete all field experiences.

Admission into an Education Internship. Criteria for acceptance into the internship include, but are not limited to, the following: 1) achieve passing scores on Core Academic Skills for Educators or meet the requirements for the SAT/ACT/GPA options, 2) attain an overall GPA of 3.00 or above, 3) earn grades of "C" or better in all major courses, 4) obtain the recommendation of the faculty in the School of Education; and 5) satisfactorily complete all education field placements prior to internship. Candidates must also complete a criminal background check. Please see the *Unit Assessment Plan: Performance of Candidates* on the School of Education website for additional requirements.

Requirements:

The courses listed below are required for completion of the bachelor's degree in early childhood education. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

English Language Arts and Social Studies Area of Concentration

Major Requirements:

FYS 100	First Year Seminar	1
FYS 102	First Year Seminar	1
EC 201	Principles of Macroeconomics	3
	or	
EC 202	Principles of Microeconomics	3
ED 202F	Year 2 Field Placement	0
ED 203F	Year 2 Field Placement	0
ED 205	Year 2 Seminar	0
ED 266	Reading in the Content Areas I: Middle School	3
ED 270	Curriculum Principles and Practices	3
ED 271	Principles of Assessment	3
ED 272	Principles of Special Education	3
ED 302	Year Three Seminar I	0
ED 303	Year Three Seminar II	1
ED 305F	Year 3 Field Placement	0
ED 306F	Year 3 Field Placement	0
ED 362	Methods of Teaching English Language Arts: Middle School	3
ED 363	Methods of Teaching Social Studies: Middle School	3
ED 367	Reading in the Content Areas II: Middle School	3
ED 435	Internship Seminar I	1
ED 436	Internship Seminar II	3
ED 444	Internship I: Middle School	4
ED 445	Internship II: Middle School	12
ENG 282	Literary Genres: Youth Literature	3
	Three ENG electives: One must be SEE certified: WI	
GEO elective	Geography elective	
IS 302	Integrating Technology and Digital Learning in the Classroom	3
PHIL 420	Philosophy of Education	3
POSCI elective	Political Science elective	
PSY 108	Human Growth and Development	3
	or	
PSY 206	Child Development	3
PSY 330	Educational Psychology	3

Take two SEE certified HIST courses and two additional HIST courses. ED 310 (Year 3 Transfer Seminar) is required for AAT transfer students.

Mathematics and Science Area of Concentration

Major Requirements:

FYS 100	First Year Seminar	1

FYS 102	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
ED 202F	Year 2 Field Placement	0
ED 203F	Year 2 Field Placement	0
ED 205	Year 2 Seminar	0
ED 266	Reading in the Content Areas I: Middle School	3
ED 270	Curriculum Principles and Practices	3
ED 271	Principles of Assessment	3
ED 272	Principles of Special Education	3
ED 302	Year Three Seminar I	0
ED 303	Year Three Seminar II	1
ED 305F	Year 3 Field Placement	0
ED 306F	Year 3 Field Placement	0
ED 360	Methods of Teaching Science: Middle School	3
ED 361	Methods of Teaching Mathematics: Middle School	4
ED 367	Reading in the Content Areas II: Middle School	3
ED 435	Internship Seminar I	1
ED 436	Internship Seminar II	3
ED 444	Internship I: Middle School	4
ED 445	Internship II: Middle School	12
ENG 282	Literary Genres: Youth Literature	3
IS 302	Integrating Technology and Digital Learning in the Classroom	3
PHIL 420	Philosophy of Education	3
PSY 108	Human Growth and Development	3
	or	
PSY 206	Child Development	3
PSY 330	Educational Psychology	3
Two science electives	Science electives (minimum 6 credits) Four MATH electives - one must be SEE certified; MATH 137, MATH 205, and MATH 206 recommended One additional Math or Science elective	
HIST elective:	History elective, must be SEE certified HUM	

ED 310 (Year 3 Transfer Seminar) is required for AAT transfer students.

Suggested Course Sequence

2022-22 SCS Middle School Education ES

2022-23 SCS Middle School Math and Science

Minor in Middle School Education: Liberal Arts and Technology

A minor in middle school education: liberal arts and technology is not available.

Course Descriptions

See Education Course Descriptions (p. 147)

English Language and Literature

School of Humanities and Social Sciences

Department of English

Department Chair: Laura Smith, Ph.D.

Description

The English major combines courses in literary analysis, creative and professional writing, publishing, digital studies, and career development to hone the intellectual skills most critical across industries—to write, speak, research, analyze, evaluate, and develop solutions using a balance of creative and analytical thinking. Core courses introduce students to foundations of language, analysis, writing and editing, and career paths within the field. Beyond the core, students choose emphasis areas based on their career goals and intellectual interests.

Literature courses combine classic literary works with popular texts and underrepresented voices, offering challenging and diverse content that invites students to think critically about canons and culture alike.

Beginning, intermediate, and advanced creative writing workshops in fiction, poetry, and creative nonfiction prioritize technique and experimentation. Students learn to draft, revise, and submit manuscripts while becoming familiar with contemporary literary markets.

Courses in professional writing and digital publishing cover skills in a wide range of contemporary fields and genres, including journalism, magazine writing and production, digital storytelling, blogging, and public relations writing.

In career development courses, students explore the wide range of careers available to English majors through job market research and skills assessment, prepare application materials, hone interview skills, and pursue one or more internships.

Outcomes

Upon completion of the Bachelor of Arts in English Language and Literature, graduates will be able to:

1. Solve problems by thinking creatively and critically.
2. Read and interpret texts using critical theory and language arts.
3. Use research resources.
4. Write academic, professional, and/or creative texts.
5. Communicate orally and nonverbally.
6. Negotiate personal values in relation to the values of others.

7. Apply academic preparation to professional and cultural experiences beyond the classroom.
8. Make informed academic and career choices based on self-determined goals.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major and complete two semesters of a foreign language from the point of placement or completion of 202 level.

No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Once students have declared their intention to major in English language and literature, they are required to take all major courses at Stevenson University. Full-time students interested in languages other than French and Spanish are eligible to participate in the Baltimore Student Exchange Program (BSEP) with area colleges and universities. Contact the Registrar's Office for information on this program.

Requirements

The courses listed below are required for completion of the bachelor's degree in English language and literature. Students must also complete the requirements for the Stevenson Educational Experience (SEE).

Specific pre- and co-requisites for each course are listed in the course descriptions.

(**Note:** Some courses may be repeated for credit when focus or topic changes. Check the course descriptions following this section to identify these courses.)

Required Courses

FYS 100	First Year Seminar	1
ENG 160	Introduction to Literary Studies	3
ENG 231	Style and Editing	3
ENG 256	Introduction to Digital Publishing	3
ENG 331	Design Your Career	3
ENG 332	Advanced Critical Approaches to Literature	3
ENG 420	English Capstone: Internship	3

Two English elective courses at the 200-level

Two English elective courses at the 300-level

Two English elective courses at any level

One literature elective course at the 200-level

One literature elective course at the 300-level

One literature elective course at the 400-level

Meet foreign language requirement

Suggested Course Sequence

2022-23 SCS English Language and Literature

Minor in English Language and Literature

The minor in English requires successful completion of a minimum of six courses and 18 credits with an ENG prefix at the 200-level or above. Courses ineligible for the English minor are ENG 150, ENG 151, ENG 152, and ENG 153.

Please note: ENG 160 Introduction to Literary Studies and ENG 180 Storytelling can be taken as courses to fulfill a minor in English.

Students minoring in English are eligible to take courses restricted to the English major if the prerequisites are met. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47)section of the catalog.

Course Descriptions

See English Course Descriptions (p. 151)

Environmental Science

Beverly K. Fine School of the Sciences

Department of Biological Sciences

Department Chair: Wendy L. Kimber, Ph.D.

Description

The environmental science program is designed to prepare students to address the integral relationship between humankind and the environment. There is a growing recognition of the impact of humans on organisms, landforms, the atmosphere, and ecosystems. This program will engage students in a study of the principles, methodologies, and practices of the life, physical, and mathematical sciences as they relate to the environment. The foundational concepts of human systems, such as businesses, governments, and communities, and their impact on the environment will also be studied. An emphasis on experiential and lifelong learning will also prepare graduates to meet the needs of today's society.

Outcomes

Upon completion of the Bachelor of Science in Environmental Science, graduates will be able to:

1. Solve environmental problems by integrating knowledge from the natural and social sciences.
2. Evaluate the effects of humans on the biosphere.
3. Apply field and laboratory research skills and techniques to the investigation of scientific questions.
4. Evaluate environmental issues and advances using appropriate sources.
5. Communicate scientific findings in written and oral formats appropriate to the audience.
6. Conduct himself or herself in a manner consistent with the professional and ethical standards of the discipline.
7. Practice environmental stewardship.
8. Apply academic preparation to professional experiences outside the classroom.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to take a science or math course* unless they earn a grade of "C" or better in all prerequisite courses.

A student must maintain a science and math GPA of 2.0 or better in each semester in order to remain in good standing within the major. Grades are reviewed each semester and students are notified in writing of their academic status in the major, as appropriate:

- **Probation:** The student who earns a science and math GPA less than 2.0 in one semester will be notified, in writing, by the Department Chair that he or she is on probation in the Fine School of the Sciences. Students who are on probation will be required to meet regularly with their Success Coach/Academic Advisor for at least one full semester after being put on probation.
- **Dismissal:** The student who earns a science and math GPA less than 2.0 for a second semester will be notified, in writing, by the Department Chair that he or she is dismissed from the applied mathematics, biochemistry, biology, biomedical engineering, chemistry, or environmental science major.

** Science and mathematics courses are defined as courses with the designation: BIO, BIOCH, BME, CHEM, ENV, FSCI, MATH, PHYS, or SCI.*

Requirements

The courses listed below are required for completion of the bachelor's degree in environmental science. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
BIO 114	General Biology II: Structure and Function of Organisms	3
BIO 114L	General Biology II Laboratory: Structure and Function of Organisms	1
BIO 115	General Biology III: Ecology and Evolution	3
BIO 218	Career Connections in the Life Sciences	1
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
CHEM 203	Environmental Chemistry	3
CHEM 203L	Environmental Chemistry Laboratory	1
ENV 255	Techniques in Environmental Science	3
ENV 275	Environmental Science	3
ENV 285	Geographic Information Systems	3
ENV 375	Environmental Ethics	3
ENV 470	Capstone Internship	3
	or	
ENV 471	Capstone Internship	6
ENV 475	Capstone Seminar	3
MATH 136	Introduction to Statistics	4
SCI 215	Writing in the Sciences	3

Select two of the following courses:

EC 201	Principles of Macroeconomics	3
EC 202	Principles of Microeconomics	3
EC 240	Environmental Economics	3
LAW 375	Environmental Law	3
POSCI 102	American Government: Political Institutions and Procedures	3

Environmental Science Electives:

Take six courses from the following courses listed below

- At least three courses must be at the 300- or 400-level
- At least three courses must be lab courses
- A maximum of two courses with the BIO or CHEM course prefix designator
- A maximum of one research course

ENV 213, ENV 260, ENV 280, ENV 310, ENV 320, ENV 330, ENV 360, ENV 362, ENV 365, ENV 410, ENV 415, ENV 420, BIO 203, BIO 210, BIO 217, BIO 222, BIO 230, BIO 270, BIO 280, BIO 307, BIO 310, BIO 312, BIO 313, BIO 314, BIO 315, BIO 322, BIO 326, BIO 330, BIO 332, BIO 335, BIO 362, CHEM 206, CHEM 210/CHEM 210L, CHEM 211/CHEM 211L, CHEM 221, CHEM 310, CHEM 346L, CHEM 435

Students can take BIO 322 or BIO 326 but not both.

Suggested Course Sequence

2022-23 SCS Environmental Science

Minor in Environmental Science

Environmental science studies the connections between humans and the environment. Therefore, a minor in environmental science is an excellent addition to many liberal arts majors and is particularly relevant to students interested in the environmental aspects of business, economics, policy, law, health, or for those simply interested in understanding our responsibility as caretakers of planet Earth.

The minor in environmental science requires successful completion of a minimum of six courses and 18 credits with an ENV prefix. Courses ineligible for the environmental science minor include:

- ENV 150 Society and the Environment

- ENV 165 Science of the Chesapeake Bay

Please see the Chair of the Department of Biological Sciences for further information regarding this minor. General guidelines regarding minors may be found in the Minors section of the catalog.

Other Options

Biology Department Honors Requirements: Eligible students majoring in environmental science may elect to pursue honors within the Department of Biological Sciences. The intention to pursue biology department honors must be declared no later than the end of the first semester of the junior year. To declare the intent to pursue departmental honors, a student must have earned a science/math GPA of 3.50 or higher.

Students graduating with biology department honors will have this distinction noted on their official university transcript. In order to graduate with departmental honors, the following requirements must be met:

- Completion of a 400-level capstone experience with a grade of "B" or better
- Completion of BIO 440 Seminar Topics in Biology with a grade of "B" or better
- Completion of an Honors Contract Project in an upper-level biology or environmental science course. A grade of "B" or better must be earned in the course in which an Honors Contract Project is completed. The student must submit a contract project proposal to be approved by department faculty before beginning the project. The final project must be approved by department faculty in order to receive honors credit.
- A science/math GPA of 3.50 or higher at the time of graduation

BS/MAT Option: The BS/MAT option is available for students majoring in environmental science who wish to combine their bachelor's coursework with work toward a Stevenson University master's degree in teaching. Please see *Additional Enrollment Options* in the *Admissions* section of this catalog for more information.

Service-Learning Options: Service learning options are offered periodically with some environmental science courses. Please consult the course instructor or the department chair if you have any questions.

Course Descriptions

See Environmental Science Course Descriptions (p. 156)

Fashion Design

School of Design

Department of Fashion Design

Program Coordinator: Leslie H. Simpson, Ph.D.

Description

The Fashion Design degree curriculum synthesizes the individual esthetic of the designer with an understanding of the market, historical context of fashion and costume, consumer psychology, materials, and techniques of apparel construction.

The major's curriculum focus is primarily on studio work and other discipline-specific course work central to its mission of developing the student's individual design voice and vision while developing their potential as practicing technical fashion design professionals.

Outcomes

Upon completion of the Bachelor of Science in Fashion Design, graduates will be able to:

1. Integrate the skills, theories, research and problem-solving methodologies, and behaviors of a practicing fashion design professional.
2. Construct comprehensive design strategies considering sustainability in global, environmental, social and economic contexts.
3. Formulate a personal design ideology considering historical, cultural, and social relevance/contexts.
4. Synthesize design concepts employing areas of trend analysis, merchandising, consumer psychology, retailing, and materials to create strategically-targeted designs.
5. Use appropriate industry terminology in the critique of fashion concepts and designs.
6. Assemble a collection of finished fashion work for a defined audience demonstrating the application of industry knowledge and experience.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Requirements

The courses listed below are required for the completion of the bachelor's degree in fashion design. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
ART 110	Fundamentals of Design I	3
ART 113	Fundamentals of Design II	3
ART 116	Drawing I	3
ART 117	Drawing II	3
FDES 101	Construction Fundamentals	1
FDES 200	Textiles	3
FDES 201	Fashion Design I	3
FDES 202	Fundamentals of Draping	3
FDES 203	Garment Construction Studio	3
FDES 205	Computer-Aided Pattern Design I	3
FDES 210	Fashion Illustration	3
FDES 274	History of Fashion	3
FDES 290	Internship Preparation	1

FDES 301	Tailoring	3
FDES 302	Technical Illustration	3
FDES 303	Concept Development in Fashion Design	3
FDES 315/FMER 315	Writing for Fashion	3
FDES 390	Internship	3
FDES 401	Collections I	3
FDES 403	Collections II	3
FDES 404	Product Development and Manufacturing	3
FDES 470	Portfolio	1
GDES 125	Fundamentals of Digital Media	3
MGT 210	Business Writing	3
MKT 206	Principles of Marketing	3

Suggested Course Sequence

2022-23 SCS Fashion Design

Minor in Fashion Design

The minor in fashion design requires successful completion of a minimum of six courses and 18 credits with a FDES course prefix designator. SOD 395 may also be taken to as a course that will fulfill a minor requirement. All course prerequisites must be met to be eligible to take the selected course for a minor. Please see an academic advisor for more information. General information regarding minor requirements may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Fashion Design Course Descriptions (p. 158)

Fashion Merchandising

Brown School of Business and Leadership

Department of Business Administration

Program Coordinator: Holly Lentz-Schiller, Ph.D.

Description

The fashion merchandising program is designed to provide majors in the program with an understanding of merchandising as it relates to the apparel and retail industries. The focus is on the business and marketing aspects of merchandising, particularly how the production, distribution, and promotion of goods and services in fashion and retail are developed and delivered to the consumers. International emphasis on the industry is provided as there is an increased blending of apparel manufacturing, distribution, and retail from a global framework.

Graduating students can expect to find employment in such positions as fashion and retail planning, buyers, visual merchandising, fashion and retail promotion, product managers, and retail store management. The Bachelor of Science in Fashion Merchandising has received specialized accreditation through the International Accreditation Council for Business Education (IACBE).

Outcomes

Upon completion of the Bachelor of Science in Fashion Merchandising, graduates will be able to:

1. Demonstrate knowledge of the functional areas of the apparel business.
2. Formulate solutions to problems in apparel merchandising.
3. Plan effective merchandising strategies for an apparel business.
4. Communicate business information to specific audiences in varied formats.
5. Demonstrate professional competencies related to contemporary fashion merchandising careers.

Policies

Students must earn a minimum GPA of 2.50 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

A course may be repeated once without special permission. Those who do not successfully complete a major course with a grade of "C" or better after a third attempt will not be allowed to continue in the fashion merchandising program.

Requirements

The courses listed below are required for completion of the bachelor's degree in fashion merchandising. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
ACC 215	Survey of Accounting	3
EC 202	Principles of Microeconomics	3
FDES 200	Textiles	3
FDES 274	History of Fashion	3
FMER 210	Fashion and Culture	3
FMER 223	The Business of Fashion	3
FMER 290	Internship Preparation	1
FMER 315	Writing for Fashion	3
FMER 320	Fashion Retailing	3
FMER 323	Fashion Product Merchandising	3
FMER 340	Merchandise Sourcing and Logistics	3
FMER 360	Visual Merchandising	3
FMER 390	Internship	3-6 Credits
FMER 430	Fashion Merchandising Capstone	3
GDES 125	Fundamentals of Digital Media	3

INBUS 325/MKT 325	International Marketing	3
IS 135	MS Office Applications	3
MGT 204	Principles of Management	3
MGT 210	Business Writing	3
MKT 206	Principles of Marketing	3
MGT 300/MKT 301	Applied Business Analytics	3
MKT 311	Consumer Behavior	3
MKT 336	Integrated Marketing Communication	3

Suggested Course Sequence

2022-23 SCS Fashion Merchandising

Minor in Fashion Merchandising

The minor in fashion merchandising is designed for students interested in the business of fashion. It prepares students to understand the role of apparel in today's marketplace and the relationship between the fashion and production apparel industries.

The minor in fashion merchandising requires successful completion of a minimum of six courses and 18 credits with a FMER prefix, which focus on fashion and culture, fashion retailing, product merchandising, and fashion communication. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Fashion Merchandising Course Descriptions (p. 161)

Film and Moving Image

School of Design

Department of Film and Moving Image

Department Chair: Christopher Llewellyn Reed, MFA

Description

The Department of Film & Moving Image educates its students to be adaptable lifelong artists, craftspeople, and learners who are capable of maintaining focus, resilience, self-control, and motivation through both success and failure. Graduates must be able to navigate the ever-changing technological landscape while developing and maintaining an original and personal aesthetic vision and be able to effectively communicate this vision to others. The Department focuses on teaching a wide array of equipment and software to complement its commitment to teaching film and moving image theory, history and technique.

Graduates of the department emerge as flexible and capable practitioners of filmmaking – be it on film, digital media, or the next emerging format – who can work both alone as self-starters or collaboratively in groups, and be directors, writers, producers, cinematographers, editors, motion graphics artists, sound designers, some combination of all of these or a specialist of their own design.

Film & Moving Image students demonstrate the skills acquired in their chosen area of expertise by creating, beginning in their second year, a portfolio of work for distribution to a variety of current media outlets, and in their final year, a capstone project.

Cinematography/Editing Track Description

The Cinematography/Editing Track provides additional focused study in the art, craft, technologies and changing practices of moving-image capturing and editing. Students learn the skills necessary to enter into careers as professional cinematographers and/or editors.

Producing/Writing Track Description

The Producing/Writing Track provides additional focused study in the art, craft, technologies and changing practices of moving-image production and writing. Students learn the skills necessary to enter into careers as professional producers and/or writers.

Outcomes

Upon completion of the Bachelor of Science in Film and Moving Image, graduates will be able to:

1. Create films and other moving image projects, using current crafts and emerging technologies and grounded in a strong sense of personal style.
2. Write film and moving image proposals and screenplays.
3. Think and write critically about film and moving image history, aesthetics, global perspectives and production techniques.
4. Navigate the business of film and moving image production and distribution.

Cinematography/Editing Track Outcomes

The cinematography/editing track provides additional focused study in the art, craft, technologies and changing practices of moving-image capturing and editing. Students learn the skills necessary to enter into careers as professional cinematographers and/or editors. Upon completion of the film & moving image cinematography/editing track, graduates will be able to:

1. Operate professional cameras with proficiency.
2. Demonstrate the ability to capture moving images in studio and field environments using both ambient and artificial light.
3. Produce professional-quality moving-image content using current editing and motion-graphics software.
4. Employ industry-standard moving-image terminology when presenting, discussing and critiquing their work.
5. Work independently and/or as part of a crew to achieve clearly articulated artistic outcomes.
6. Produce industry-standard deliverables using current and emerging production and post-production processes.

Producing/Writing Track Outcomes

The producing/writing track provides additional focused study in the art, craft, technologies and changing practices of moving-image production and writing. Students learn the skills necessary to enter into careers

as professional producers and/or writers. Upon completion of the film & moving image producing/writing track, graduates will be able to:

1. Write film and television scripts according to industry-standard formats.
2. Analyze and organize the story and financial needs of scripts using professional terminology.
3. Evaluate and critique moving-image storytelling, in a variety of genres, considering professional requirements
4. Work independently and/or as part of a crew to create efficiently-run productions, achieving clearly articulated artistic and distribution outcomes.
5. Develop effective fundraising and marketing strategies for film and moving-image projects, applying appropriate legal and financial frameworks.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

In their second and third years, students participate in portfolio reviews. At the end of the second year, faculty review portfolios. In the third year, Film and Moving Image Advisory Board members review portfolios.

Requirements

The courses listed below are required for completion of the bachelor's degree in film and moving image. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements (all students):

FYS 100	First Year Seminar	1
FMI 101	Cinema I: Storytelling	3
FMI 102	Cinema II: Continuity	3
FMI 201	Cinematography I: Black & White	3
FMI 202	Cinematography II: Color	3
FMI 204	Broadcast Production	3
FMI 211	Basic Screenwriting	3
FMI 221	Art and Craft of Editing I	3
FMI 222	Art and Craft of Editing II	3
FMI 231	Film and Moving Image History	3
FMI 290	Internship Preparation	1
FMI 301	Documentary/Promo Production	3
FMI 302	Narrative Production	3
FMI 304	Directing the Actor	3
FMI 331	Special Topics in Moving-Image Media	3
FMI 334	Film Aesthetics	3
FMI 341	Sound Design	3
FMI 390	Internship	3
FMI 401	Senior Project: Pre-Production	3
FMI 402	Senior Project: Production	3
GDES 125	Fundamentals of Digital Media	3

Students must also complete the courses for one of the tracks listed below.

Cinematography/Editing Track - 15 credits

ANIM 330	Typography in Motion	3
ANIM 331	Intermediate Motion Graphics	3
FMI 303	Lighting for the Camera	3
FMI 306	Experimental Cinema	3
GDES 230	Typography I	3

Producing/Writing Track - 15 credits

FMI 311	Advanced Screenwriting	3
FMI 313	Script Analysis	3
FMI 352	Grant Writing	3
FMI 355	The Business of Filmmaking	3
FMI 451	Film Distribution and Intellectual Property	3

Suggested Course Sequence

2022-23 SCS FMI Cinematography and Editing

2022-23 SCS FMI Producing and Writing

Minor in Film and Moving Image

The minor in film and moving image requires successful completion of a minimum of six courses and 18 credits with an FMI prefix. SOD 395 can count as one of the courses for the minor. All course prerequisites must be met to be eligible to take the selected course for a minor. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Film and Moving Image Course Descriptions (p. 163)

Forensic Science (Students major in Biochemistry, Biology or Biochemistry)

Beverly K. Fine School of the Sciences

Department of Biological Sciences and

Department of Chemistry and Biochemistry

Program Director: Tracey Mason

Description

Stevenson University does not offer a major in forensic science, but the university does offer two program options in the study of forensic science. One option is a BS/MFS program where students can earn a bachelor's degree in biochemistry, biology, or chemistry in four years and a master's degree in forensic science in as little as one additional year. For additional information regarding the B.S. degree in biochemistry, biology, or chemistry, please see the biochemistry, biology, or chemistry sections of this catalog. The other option is a two-year master's degree program, which is described

more fully in the *Stevenson University Graduate Catalog* and on the Stevenson website at stevenson.edu.

Forensic science is an interdisciplinary and applied course of study which plays a crucial role in the legal justice system. Advances in instrumentation and technology have opened up new approaches to solving crime, and the need for individuals trained in both science and the law is growing. Graduates of our program will be prepared for employment in local, state or federal government crime laboratories, forensics laboratories, DNA testing facilities, industry, and continued study at the doctoral level.

Application Process

Students apply for admission into the BS/MFS program during their junior year. Applications are available on September 1 and February 1. Admission to this program is based upon the following criteria:

- Cumulative and science/math GPA of 3.0 or higher in all course work attempted
- Grade of "C" or better in all science and mathematics courses
- Completion of at least 60 credit hours and enrollment in a minimum of an additional 15 credit hours
- Completion of FSCI 101
- Completion of Organic Chemistry II (CHEM 211 and 211L) and enrollment in a minimum of one 300 or 400 level science course
- Submission of a completed *BS/MFS Program Application*, including references, prior to October 1 and March 1

Once accepted into the program, the undergraduate student may take up to 18 graduate credits beginning in the spring of their junior year.

Students, once accepted into the program, must submit a G*raduate Application* in the last semester of their undergraduate education. Application must be made prior to September 15 for a planned January start date and prior to February 15 for a planned August start date.

Option in Biochemistry Requirements

The courses listed below are required for completion of the bachelor's degree in biochemistry and for entry into the biology or chemistry concentration of the master's in forensic sciences program. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
BIO 230	Genetics	4
BIOCH 327	Biochemistry	3
BIOCH 345L	Integrative Laboratory I	2
BIOCH 427	Advanced Biochemistry	3
BIOCH 470	Capstone Internship	3
	or	
BIOCH 471	Capstone Internship	6
BIOCH 475	Capstone Seminar	3
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
CHEM 210	Organic Chemistry I	3
CHEM 210L	Organic Chemistry I Laboratory	1
CHEM 211	Organic Chemistry II	3
CHEM 211L	Organic Chemistry II Laboratory	1
CHEM 213	Digital Information Literacy for Chemistry	1
CHEM 313	Career Connections in Chemistry	1
FSCI 101	Survey of Forensic Science	3
MATH 220	Calculus I	4
PHYS 210	General Physics I	4
	or	
PHYS 215	General Physics I with Calculus	4
PHYS 211	General Physics II	4
	or	
PHYS 216	General Physics II with Calculus	4
SCI 215	Writing in the Sciences	3

Elective courses Group 1:

Select two from the following list:

BIO 310	Cell Biology	3
BIO 330	Molecular Genetics	4
CHEM 310	Analytical Chemistry	3
CHEM 430	Physical Chemistry	3

Elective courses Group 2:

Select three from the following list:

At least one of the courses must be at the 300-level or higher; advisors help students choose electives based on the desired graduate concentration):

BIO 203	Microbiology	4
BIO 280	Nutrition Science	3
BIO 313	Virology	3
BIO 322	Human Physiology	4
BIO 332	Epidemiology	3
BIO 335	Immunology	4
BIO 362	Independent Research Experience in Biology	2
BIO 365	Independent Laboratory Research in Biology	3
BIOCH 365	Independent Laboratory Research in Biochemistry	3
CHEM 206	Herbal Medicines and Remedies	3
CHEM 221	Inorganic Chemistry	3
CHEM 346L	Integrative Laboratory II	2
CHEM 365	Independent Laboratory Research in Chemistry	3
CHEM 435	Special Topics in Chemistry	3
MATH 314/BME 314	Biostatistics	3

SCI 201	Medical Terminology	3

Option in Biology Requirements

The courses listed below are required for completion of the bachelor's degree in biology and for entry into the biology track of the master's in forensic science program. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
BIO 114	General Biology II: Structure and Function of Organisms	3
BIO 114L	General Biology II Laboratory: Structure and Function of Organisms	1
BIO 115	General Biology III: Ecology and Evolution	3
BIO 115L	General Biology III Laboratory: Ecology and Evolution	1
BIO 218	Career Connections in the Life Sciences	1
BIO 230	Genetics	4
BIO 235L	Diversity of Life	1
BIO 470	Capstone Internship	3
	or	
BIO 471	Capstone Internship	6
BIO 475	Capstone Seminar	3
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
CHEM 210	Organic Chemistry I	3
CHEM 210L	Organic Chemistry I Laboratory	1
CHEM 211	Organic Chemistry II	3
CHEM 211L	Organic Chemistry II Laboratory	1
FSCI 101	Survey of Forensic Science	3
MATH 136	Introduction to Statistics	4
PHYS 210	General Physics I	4
	or	
PHYS 215	General Physics I with Calculus	4
PHYS 211	General Physics II	4
	or	
PHYS 216	General Physics II with Calculus	4
SCI 215	Writing in the Sciences	3

Biology Electives (take 6 courses):

Take six courses from the following courses listed below according to the following criteria:

- BIO 203 and BIO 217 **or** BIOCH 327 are required
- A minimum of three courses at the 300- or 400 -level
- A minimum of two lab courses
- A maximum of two courses with the BIOCH, or ENV designation
- A maximum of one research course from BIO 362, BIO 365, BIOCH 362, BIOCH 365, ENV 362, ENV 365

BIO 203, BIO 210, BIO 217, BIO 222, BIO 270, BIO 280, BIO 307, BIO 310, BIO 312, BIO 313, BIO 314, BIO 315, BIO 322, BIO 326 BIO 330, BIO 332, BIO 335, BIO 362, BIO 365, BIOCH 327, BIOCH 345L, BIOCH 362, BIOCH 365, BIOCH 427, ENV 213, ENV 255, ENV 260, ENV 275, ENV 280, ENV 285, ENV 310, ENV 320, ENV 330, ENV 360, ENV 362, ENV 365, ENV 375, ENV 410, ENV 420, MLS 210, MLS 310, MLS 310L, MLS 325, MLS 325L, MLS 330, MLS 330L, MLS 338, MLS 338L, SCI 201.

Students can take BIO 322 or BIO 326 but not both.

Option in Chemistry Requirements

The courses listed below are required for completion of the bachelor's degree in chemistry and for entry into the chemistry track of the master's in forensic sciences program. Students must also complete the requirements for the Stevenson Educational Experience (SEE).

Specific pre- and co-requisites for each course are listed in the course descriptions.

Chemistry Electives (Take six courses)

Pick six electives from the list below: (at least one must be either BIOCH 345L or CHEM 346L, and at least four must be 300-400 level)

- BIOCH 327 Biochemistry
- BIOCH 345L Integrative Lab I
- BIOCH 365 Independent Research (May be repeated)*
- BIOCH 427 Advanced Biochemistry
- CHEM 203 Environmental Chemistry
- CHEM 206 Herbal Med. & Remedies
- CHEM 221 Inorganic Chemistry
- CHEM 310 Analytical Chemistry
- CHEM 346L Integrative Lab II
- CHEM 365 Independent Research (May be repeated)*
- CHEM 435 Special Topics (May be repeated, with different topics)
- MATH 221 Calculus II
- MATH 314 Biostatistics
- MATH 321 Differential Equations
- MATH 425 Scientific Computer Programming
- SCI 201 Medical Terminology

*Research (CHEM and BIOCH 365) can only count as two of the required electives.

Major Requirements:

FYS 100	First Year Seminar	1
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3

CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
CHEM 210	Organic Chemistry I	3
CHEM 210L	Organic Chemistry I Laboratory	1
CHEM 211	Organic Chemistry II	3
CHEM 211L	Organic Chemistry II Laboratory	1
CHEM 213	Digital Information Literacy for Chemistry	1
CHEM 313	Career Connections in Chemistry	1
CHEM 430	Physical Chemistry	3
CHEM 470	Capstone Internship	3
	or	
CHEM 471	Capstone Internship	6
CHEM 475	Capstone Seminar	3
FSCI 101	Survey of Forensic Science	3
MATH 220	Calculus I	4
PHYS 210	General Physics I	4
	or	
PHYS 215	General Physics I with Calculus	4
PHYS 211	General Physics II	4
	or	
PHYS 216	General Physics II with Calculus	4
SCI 215	Writing in the Sciences	3

Select six electives from the following list (at least one must be either BIOCH 345L or CHEM 346L and at least four must be at the 300-400 level) BIOCH 362, BIOCH 365, BIOCH 427, CHEM 203, CHEM 206, CHEM 221, CHEM 365, CHEM 435, MATH 221, MATH 314, MATH 321, MATH 425 and SCI 201. Research- CHEM and BIOCH 365 can only count as two of the required electives. CHEM 435 may be taken multiple times with different topics.

Minor in Forensic Sciences

A minor in forensic sciences is not available.

Other Options

Master's of Forensic Science

Students who wish to enter the master's of forensic science program must have a bachelor's degree in biochemistry, biology, chemistry or other equivalent natural sciences or forensic sciences. Candidates must meet specific course requirements and prerequisites. For further details, please see the *Stevenson University Graduate Catalog* or visit the Stevenson website stevenson.edu.

Course Descriptions

See Forensic Sciences Course Descriptions (p. 166)

Graphic Design

School of Design

Department of Art & Graphic Design

Department Chair: George Moore, MFA

Description

The Department of Art & Graphic Design within the School of Design grants a B.S. or B.A. degree in graphic design. This major is designed to prepare students for professional practice and graduate study in graphic design or related fields. The courses in the program address theoretical and practical questions about visual literacy, graphic design and visual communication theory, participation in design culture, the complexity of problems and solutions, connecting physical and digital experiences, and career preparation.

Mirroring how design works as a profession, the objectives of individual courses overlap to explore and reinforce the interconnectedness of theory and practice, digital media and physical materials. The program does not present standalone academic surveys of a specific topic. Classes introduce segments of the continuum that is design discourse and practice.

While acquiring discipline-specific skills, students learn the design process. Initial steps involve working to identify and research a complex problem. Following preliminary work, students devise, test, revise, and ultimately present design solutions to hypothetical and client-based briefs. Each assignment is an opportunity to put into practice principles, skills, and concepts including design fundamentals, graphic design theory, digital production, traditional materials and methods, rich-media experiences, visual storytelling, design thinking, human systems, and collaboration.

Along the way, students produce and present their design work in a portfolio. Students participate in portfolio reviews with faculty members in the first and second year. In the third and fourth year, art and graphic design professionals from outside of the University review student portfolios. In the final year, the portfolio development course affords students the guidance and structure to create professional presentations of their design work and process in preparation for entry into graphic design fields. Successful students acquire the necessary confidence to communicate about how they arrive at design solutions.

Because students in the major explore a breadth of topics, a graphic design degree may lead to many different options for the individual student. From the first-year seminar course through the internship experience and senior portfolio reviews, students are introduced to a wide scope of career possibilities. Students are encouraged to explore career goals while developing their portfolio. The required internship provides students with hands-on professional experience. Graduates from the graphic design program work independently and collaboratively in businesses devoted to design and in creative positions within larger institutions. Potential careers include advertising, marketing communications, electronic or print publishing, web and interactive design, photography and digital imaging, motion graphics, and related fields.

Outcomes

Upon completion of the Bachelor of Science in Graphic Design, graduates will be able to:

1. Solve design problems by thinking creatively and critically.
2. Observe and produce media critically.

3. Apply communication and design theory to design practice.
4. Justify solutions using research, through written and verbal communication.
5. Plan, execute, and revise design solutions considering complex and interdisciplinary elements, including audience, cultural, ethical, human, media, material, and market factors.
6. Produce a design portfolio to professional standards.
7. Exhibit behaviors consistent with the professional and ethical standards of the discipline both within and beyond the classroom.

Policies

Graphic Design Policies for Continuance and Progression

Graphic Design student performance is measured by grades earned in general education and major courses and the ability to effectively create, compile, and present a portfolio of work. Students must meet the following criteria to maintain good standing in the GDES program:

- Minimum cumulative GPA: 2.5
- Minimum major GPA: 3.0
- Minimum grade in all major courses: C
- No student, regardless of major, will be permitted to take an ART, GDES, IAD, ANIM, or PHOTO unless a grade of "C" or better is earned in all prerequisite courses. If a student achieves a grade of a "D" or lower, the course must be repeated and a "C" or higher must be achieved to satisfy the prerequisite requirements.
- A major course can only be repeated two times during the program to achieve a "C."
- If a third grade of "D" or lower is earned in any combination of major courses, the student is automatically dismissed from the program.
- Please see the specific program requirements for a listing of the required courses.

Progression criteria for students in the program.

- To progress into 200-level major courses (GDES 210 and GDES 230), students must **participate in the first-year portfolio review**.
  Students who earn a rating of unsatisfactory in the portfolio review will be allowed to progress to the 200-level courses provided all other criteria are met. These students will be placed on probation in the major.
- To progress into 300-level major courses, students must **achieve a satisfactory portfolio review by the end of the 200-level course sequence**.
  Students participate in a Fall Semester Portfolio Review upon completion of GDES 210, GDES 230, and FMI 102. Students who earn a rating of unsatisfactory in this portfolio review are placed on probation and are reviewed again at the end of the academic year. Students who do not earn a rating of satisfactory at this subsequent portfolio review will be dismissed from the major.

Probation: A student who does not achieve a satisfactory first- or second-year portfolio review, who does not meet minimum GPA standards, or who earns two grades of "D" or lower will be notified in writing by the department chair that he or she is on probation in the major. Students on probation may continue to take courses in the major provided all other progression criteria are met.

Dismissal: A student will automatically be dismissed from the major if any of the following occurs:

- The student earns a third grade of "D" or lower in any combination of major courses
- The student does not participate in required portfolio reviews
- The student is on probation and does not earn a satisfactory portfolio review at the end of the 200-level course sequence

If dismissed from the major, student's major will be changed to deciding until the student selects another program. Students may seek readmission to the Graphic Design major following the "Policy for Seeking Readmission to the Major."

The department chair has final authority to determine standing in the major.

The graphic design program policies for continuance and progression are distributed to all new students during the First-Year Seminar and transfer advising.

Readmission to the Major: A student who has been dismissed from the Graphic Design program and is seeking readmission to the program must complete the process outlined below. Please recognize that the individual steps alone are no guarantee of readmission to the major.

- Repeat and earn a C or better in any major course that the student previously attempted but earned a "D" or below.
- Write a *Letter of Appeal* to the Department Chair for Art and Graphic Design explaining the circumstances surrounding the poor academic performance, what steps are being implemented to make a change, and what plans are in place for continued success in the Graphic Design program.
- Within two calendar weeks from the posting of final semester grades to WebXpress, submit the *Letter of Appeal* including student ID number.
- A decision will be communicated by the Department Chair two weeks after the deadline for receiving the *Letter of Appeal*.
- If readmission to the major is granted, the student will be required to sign a statement of understanding form. The statement of understanding includes the provision that if any grade below "C" is earned in an ART or GDES course, then the student will be dismissed from the major permanently with no opportunity to seek readmission.

Requirements

The courses listed below are required for completion of the bachelor's degree in graphic design. Students must also complete the requirements for the Stevenson

Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
ART 106	Introduction to Art History	3
ART 110	Fundamentals of Design I	3
ART 113	Fundamentals of Design II	3
ART 116	Drawing I	3
ART 117	Drawing II	3
ART 205	Graphic Design History	3
FMI 101	Cinema I: Storytelling	3
GDES 125	Fundamentals of Digital Media	3
GDES 208	Web Design I	3
GDES 210	Graphic Design I	3
GDES 211	Graphic Design II	3
GDES 230	Typography I	3
GDES 290	Internship Preparation	1
GDES 308	Web Design II	3
GDES 310	Graphic Design III	3
GDES 330	Typography II	3
GDES 390	Internship	3
	or	
SOD 390	Internship	Variable
GDES 410	Portfolio & Professional Development	3
GDES 445	Senior Capstone Research Studio	3
GDES 450	Senior Capstone	3
PHOTO 141	Basic Digital Photography	3
	Studio Elective (3 credits)*	
	Studio Elective (3 credits)*	
	Studio Elective (3 credits)*	

*Studio electives include 200-400 level courses in ANIM, ART, GDES, IAD, PHOTO, or SOD 395. Students must choose courses from at least two different course prefix designators.

Suggested Course Sequence

2022-23 SCS Graphic Design

Minor in Graphic Design

The minor in Graphic Design requires successful completion of a minimum of six courses and 18 credits of courses in graphic design and related disciplines. Graphic design courses encompass a variety of media from print design to screen-based applications. Students in the minor may participate in collaborative work, client-based projects, interactive development, user-experience design, branding strategies, rich-media experiences, visual storytelling, and problem solving through the design thinking process.

GDES, IAD, and ANIM courses count towards the minor in graphic design. The following courses may also be taken for a minor in graphic design.

- ART 110, ART 113, ART 205, ART 280
- PHOTO 141
- SOD 395

All course prerequisites must be met to be eligible to take the selected course for a minor. Please see the chair of the Department of Graphic Design for more information. General information regarding minor requirements may be found in the Minors (p. 47) section of the catalog.

Other Options

BA Option: Students also have the option of completing a Bachelor of Arts degree in Graphic Design. The student must fulfill all SEE requirements, program requirements, and complete two semesters of a foreign language from the point of placement or completion of 202 level.

Course Descriptions

See Art Course Descriptions (p. 126)
See Interactive Design Course Descriptions (p. 174)
See Animation Course Descriptions (p. 125)
See Photography Course Descriptions (p. 205)
See Graphic Design Course Descriptions (p. 167)

Healthcare Management

Brown School of Business and Leadership

Program of Healthcare Management

Program Coordinator: Holly Lentz-Schiller, Ph.D.

Description

The Bachelor of Science in Healthcare Management (HCM) major is designed to give graduates the knowledge, skills, critical thinking ability, and technological competence essential to be successful in healthcare administration, conducting research, communicating effectively, and analyzing and interpreting healthcare data that impact the delivery of healthcare services. The healthcare management major provides a strong foundation in healthcare administration and includes courses in accounting, finance, healthcare management, healthcare marketing, economics, healthcare information systems, healthcare regulations, and ethics and law. Theoretical concepts reviewed in the classroom are applied to real world healthcare administration problems via case study analyses, teamwork, internships, and other integrative exercises.

Outcomes

Upon successful completion of the Healthcare Management program, graduates will be able to:

1. Demonstrate knowledge of the functional areas of healthcare administration affecting the conduct and structure of healthcare organizations.
2. Formulate healthcare administration solutions, both independently and in teams.
3. Communicate healthcare administration information to specific audiences in varied formats.

4. Analyze regulatory, legal, and ethical issues and practices that impact the delivery of healthcare services.
5. Demonstrate personal and professional ethics, cultural competency, the ability to work effectively with diverse populations, and related professional competencies required for healthcare management careers.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the major under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Requirements

The courses listed below are required for completion of the bachelor's degree in accounting. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
HCM 208	Healthcare Ethics and Law	3
HCM 212	Healthcare Information Systems	3
CMH 210	Introduction to Community Health	3
HCM 310	Theories and Practice of Healthcare Management	3
HCM 311	Health Insurance and Managed Care	3
HCM 312	Managing Healthcare Personnel	3
HCM 313	Healthcare Financial Management	3
HCM 314	Healthcare Organizational Behavior	3
BIO 332	Epidemiology	3
HCM 400	Professional Skills Development	3
HCM 417	Healthcare Management Internship	6
CHS 220	Diversity and Cultural Competence	3
EC 201	Principles of Macroeconomics	3
EC 202	Principles of Microeconomics	3
EC 335	Health Economics	3
ACC 140	Financial Accounting	3
ACC 141	Managerial Accounting	3
MATH 136	Introduction to Statistics	4
MGT 210	Business Writing	3
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1

Suggested Course Sequence

2022-23 SCS Healthcare Management

Course Descriptions

See (p. 126)Healthcare Management Course Descriptions

History

School of Humanities and Social Sciences

Department of Applied Liberal Arts

Department Chair: Glenn Johnston, Ph.D.

Description

Stevenson's history major provides students the breadth of a traditional American history major, combined with the opportunity to study and practice the public presentation of history through specialized coursework and internships. Stevenson's history major is distinctive because of its strong liberal arts context, which provides students the opportunity to examine history from an interdisciplinary perspective. Students of history master a body of knowledge about the past. In addition, they gain the ability to analyze, interpret, and evaluate historical evidence; to apply historical perspectives to contemporary issues; and to honor historical interpretations coming from those of diverse cultural traditions and values, all with the goal of furthering historical knowledge and conveying historical understanding to members of the general public.

The two primary objectives of the history program are 1) to lay a solid foundation in general historical knowledge and methodology, focused on the United States, as part of an undergraduate liberal arts education and 2) to offer history majors the specialized knowledge, skills, and real-world experience necessary for a career in history or a related field. History majors can pursue a number of different careers following graduation, such as teaching, museum administration, journalism, film-making, law, historical archaeology, and government service.

Students interested in majoring in history should contact the History and Humanities department chairperson.

Outcomes

Upon completion of the Bachelor of Science in History, graduates will be able to:

1. Articulate the significance of various historical periods, persons, events, ideas, and themes in history with a special focus on United States history.
2. Analyze historical events, texts, and artifacts using the concepts of context, historical causation, conflict, and change over time.
3. Evaluate the significance of race, ethnicity, class, gender, sex, and religion, as factors in history and in its presentation to the public.
4. Create research-based history products for the public as well as for traditional historians.
5. Locate and evaluate examples of history projects that faced issues of an ethical, practical, or interdisciplinary nature.

6. Participate in the community of historical practice both within the Stevenson History Program and the larger community.
7. Make informed academic and career choices based on self-determined goals.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the major under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a core major course, the student must repeat that course.

In order to enroll in the required history internship (HIST 450), seniors must have a minimum cumulative GPA of 2.50 and second semester juniors must have a minimum cumulative GPA of 2.75.

Requirements

The courses listed below are required for completion of the bachelor's degree in history. Students must also complete the requirements for the Stevenson Educational Experience (SEE).

Specific pre- and co-requisites for each course are listed in the course descriptions.

History majors are required to complete 45 credits (15 courses) from the courses listed below as indicated. Students must also complete the 1-credit HIST 100 every semester while enrolled in the history program. In addition, students who are new to the history major (traditional University freshmen, transfer students, and students who are declaring a history major for the first time) are required to complete a special section of the 1-credit First-Year Seminar that is designed specifically for new history majors. HIST 450 is a variable credit course (3, 6, or 9) based on the number of hours associated with the internship. Interns earn roughly three credits for every 120 hours worked during the internship.

Major Requirements:

Students are required to pass all nine of the following required core history courses. In addition, students must also pass the department's professional development seminar HIST 100 (p. 171): History Forum (1 credit) each semester the major is enrolled in the history program. Exceptions to the HIST 100 requirement may be made when the major is engaged in an internship.

FYS 100	First Year Seminar	1
HIST 100	History Forum	1
HIST 105	World History I	3
HIST 106	World History II	3
HIST 109	The United States: Colonial America to 1877	3
HIST 110	The United States: 1877 to Present	3
HIST 208	Introduction to History	3
HIST 209	Research and Writing in History	3
HIST 410	The Great Historians	3
HIST 411	Senior Seminar	3
HIST 450	History Internship	Variable

History Elective Courses

Students are required to take five courses, three courses of which must be at the 300- or 400-level. The five elective courses will be selected from the list below.

HIST 210	African American History	3
HIST 211	Topics in History	3
HIST 215	Hands on History	3
HIST 220	American History and Community Service	3
HIST 230	American Women's History	3
HIST 238	History of Baltimore	3
HIST 265	History of the Family	3
HIST 270	Revolutionary America	3
HIST 311	Topics in General History	3
HIST 312	Topics in Public History	3
HIST 325	Fieldwork in Archival Operations	3
HIST 330	Riches, Radicals, and Reformers: 1877-1920	3
HIST 331	American Material Culture	3
HIST 336	The American Civil War	3
HIST 337	The United States: The Sixties	3
HIST 339	The United States Since 1970	3

Suggested Course Sequence

2022-23 SCS History

Minor in History

The minor in history requires successful completion of a minimum of six courses and 18 credits with an HIST prefix. Please see the history department program coordinator for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

BA Option: Students also have the option of completing a Bachelor of Arts degree in Public History. The student must fulfill all SEE requirements, program requirements, and complete two semesters of a foreign language from the point of placement or completion of 202 level.

Course Descriptions

See History Course Descriptions (p. 171)

Honors Program

Honors Program, Program Director: Rivka Glaser, Ph.D.

Description

The Stevenson Honors Program invites the University's most academically talented students into an exciting, four-year honors experience. Honors students—across disciplines—develop a strong network of mutually outstanding and motivated peers, experiencing Stevenson together while building lifelong bonds through this living-learning community.

The engaging honors experience includes a thematic, project-based curriculum; workshops and master classes taught by thought leaders in academia and industry; purposeful collaborations among student scholar peers and honors faculty; and specially-designed faculty-led honors program trips. In concert with the University's well-respected career preparation program, the Honors Program offers professional preparation and career connections tailored to the specific goals and aspirations of honors students.

Outcomes

Upon completion of the Honors Program students will be able to:

1. Apply their knowledge and experience to situations that require independent, creative, and analytical thinking.
2. Analyze varying perspectives while collaborating with others.
3. Apply different methodologies and approaches to collaborative problem solving.
4. Demonstrate academic excellence.

Program Requirements

For specific requirements for the Honors Program, please contact the program director. Additional information can also be found at Honors Program.

Course Descriptions

See Honors Courses (p. 170)

Interdisciplinary Studies

School of Humanities and Social Sciences

Program in Interdisciplinary Studies

Department of Applied Liberal Arts

Department Chair: Glenn Johnston, Ph.D.

Program Advisor: Esther Horrocks, Ph.D.

Description

The interdisciplinary studies program enables students to develop from two academic disciplines an integrated course of study not available through current degree programs. This is an individually designed major that allows students to work closely with faculty while pursuing academic interests that transcend traditional majors. Students consult the program coordinator and two faculty members with interests and expertise in the area of study.

Appropriate themes for interdisciplinary studies majors may include a set of problems, an idea, or a period study. Suggested themes include American studies, aesthetics and artistic expression, and international and global studies.

Outcomes

Upon completion of the Bachelor of Science in Interdisciplinary Studies, graduates will be able to:

1. Demonstrate general knowledge in the liberal arts.
2. Demonstrate an understanding of content in two academic disciplines.
3. Demonstrate effective communication by engaging in inquiry and reflection on a topic of personal interest.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Once accepted into the major, students must meet with the program coordinator each semester to evaluate progress.

Requirements

Students may request admission into the major after completing the first semester of the freshman year. Students may select either the Bachelor of Science or the Bachelor of Arts degree. The Bachelor of Arts degree requires the completion of a foreign language through at least the intermediate level. In addition to completing the requirements for the Stevenson Educational Experience (SEE), students must complete the major requirements noted below.

Major Requirements:

- FYS 100
- 36 credits for the major selected from two disciplines, identified as program cores (at least 18 credits of must be at the 300- and 400-level).
- A minimum of 12 credits is required in one program core.
- 30 credits must be at the upper level.
- INDSC 320
- Six credits in INDSC courses, 300-level or above
- INDSC 450 Senior Project: Seminar in Interdisciplinary Studies
- One 200-level WI course and one 300- or 400-level WI course taken in a program core or other writing intensive courses approved by program coordinator

Suggested Course Sequence

2022-23 SCS Interdisciplinary Studies

Minor in Interdisciplinary Studies

A minor in interdisciplinary studies is not available.

Other Options

BA Option: Students also have the option of completing a Bachelor of Arts degree in Interdisciplinary Studies. The student must fulfill all SEE requirements, program requirements, and complete two semesters of a foreign

language from the point of placement or completion of 202 level

BS/MS Option: The BS/MS option is available for students majoring in Interdisciplinary Studies who wish to combine their bachelor's coursework with work toward a master's degree in one of Stevenson's graduate programs. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students must formally apply for entrance into a BS/MS option in their junior year. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. For more information on this program see the Stevenson University Graduate Catalog

Course Descriptions

See Interdisciplinary Studies Course Descriptions (p. 175)

Leadership Scholars

Leadership Scholars Program,

Program Director: Ryan Clark, MFA

Description

Stevenson University's Leadership Scholars Program is a comprehensive program that offers participants the opportunity to engage in leadership education through personal exploration, community engagement, and collaborative problem solving. Scholars will develop skills that prepare them for leadership roles on campus and in the larger global community.

The Leadership Scholars program prioritizes the ability to blend theory and practice, the development of strong written and oral communication skills, the practice of ethical and values-driven leadership, and a service-oriented approach to the community.

Outcomes

Upon completion of the Leadership Scholars Program students will be able to:

1. Identify and apply leadership theories and practices.
2. Describe and explain how ethics, morals, and values impact various leadership situations.
3. Practice innovation and creativity.
4. Engage with the community as a mean to explore leadership and civic responsibility.
5. Practice and evaluate team leadership through active group participation.
6. Develop a set of practical leadership skills, such as time management, meeting management and agenda setting, facilitating group dynamics, and team building.
7. Integrate leadership skills with career planning.

Program Requirements

For specific requirements for the Leadership Scholars program, please contact the program directors.

Additional information can also be found at Leadership Scholars.

Course Descriptions

See Leadership Scholars Courses (p. 185)

Legal Studies

School of Humanities and Social Sciences

Department of Law and Justice Studies

Department Chair: Hillary Michaud, J.D., CPA

Description

Stevenson University's legal studies program was the first in the state, and one of the first in the nation, to be approved as a paralegal education program by the American Bar Association (ABA). SU's program is the only ABA-approved bachelor's degree paralegal education program in Maryland. The program attracts students who have logical and analytical minds, possess organizational skills, and pay attention to detail. Paralegals may not provide legal services directly to the public, except as permitted by law. However, working under the supervision of an attorney, paralegals are vital members of the legal team. They perform such functions as:

- Analyzing and organizing records
- Assisting in discovery
- Drafting contracts and real estate documents
- Drafting pleadings
- Gathering information electronically
- Incorporating entities
- Interviewing witnesses
- Investigating cases
- Managing trial preparation and litigation support
- Managing estates and guardianships
- Processing workers' compensation claims
- Preparing intellectual property applications
- Creating bankruptcy schedules

The ultimate goal of the legal studies program is to fully prepare students for employment by law firms, corporate law departments, government agencies, legal aid providers, and other employers in the legal profession. Students gain an extensive knowledge of numerous areas of law and practical experience to enable them to perform tasks in specific legal specialty areas. By taking a combination of law and liberal arts courses each semester, students are able to pursue their legal interests immediately and develop skills gradually.

Courses are offered weekdays and evenings. Students earn a bachelor's degree in legal studies. Students may select a sequence of courses that permits them to focus on a specific area within the legal studies curriculum, such as corporate law, estate planning and administration, or litigation. Students perform an internship, typically in the sophomore year, and complete a legal studies capstone course in their senior year. Students may participate in the law clinic, as an elective course in their major, and gain experience by

providing *pro bono* legal services in the community. Students may compete on Stevenson's nationally-ranked American Mock Trial Association (AMTA) mock trial teams, for academic credit.

The legal studies degree may be completed in an accelerated format by qualifying adult learners. This accelerated delivery option is offered through Stevenson University Online. See the *Stevenson University Online Undergraduate Catalog* for more information about the accelerated delivery option and student eligibility requirements.

Outcomes

Upon completion of the Bachelor of Science in Legal Studies, graduates will be able to:

1. Conduct research using all appropriate resources to identify and obtain relevant legal authority.
2. Compose documents based on factual investigation, legal research, and analysis to inform and/or persuade.
3. Apply legal terminology, principles of law, and rules of ethical legal practice to the performance of legal services.
4. Operate as productive and professional members of a legal services delivery team using appropriate communication, technology, and time-management skills.
5. Perform substantive legal work under the direction of an attorney, as permitted by law.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Legal studies majors who do not successfully complete a LAW course with a grade of "C" or better after a third attempt will not be allowed to continue in the legal studies program.

Students must take a minimum of 18 credits or the equivalent of legal specialty courses at Stevenson University to earn a degree in legal studies. A legal specialty course is a LAW course that covers substantive law or legal procedures or process, has been developed for paralegals, emphasizes practical paralegal skills, and meets the American Bar Association's instructional methodology requirements. Students must complete at least nine semester credits or the equivalent of legal specialty courses through synchronous instruction.

Credit for equivalent law courses considered legal specialty courses under the ABA Guidelines is accepted for students transferring from paralegal programs, whether ABA-approved or not. If a student has earned credit from an institution that is not ABA-approved, the department chair for traditional students or the department chair for SUO students reviews the description of the course content, the course syllabus (if necessary), and information about the institution before credit is transferred for equivalent law courses. A maximum of 24 credits will be accepted for equivalent law courses.

If a student successfully completes a three-credit internship class through another ABA-approved paralegal education program, the internship requirement can be waived, and the student will take another three-credit legal specialty course in its place.

Some students work as paralegals while completing the legal studies program. These students may apply for a waiver of the internship requirement. Documentation from the student and the employer is required to verify that the student successfully performed paralegal tasks for a minimum of 120 hours. If approved, the student will take another three-credit legal specialty course in place of the internship class. SUO students working full-time, not as paralegals, may satisfy the internship requirement by completing a virtual internship as a paralegal, supervised by Stevenson University Online. This three-credit virtual internship class is considered non-legal specialty.

The award of legal specialty credits through examination or portfolio is monitored by the legal studies program to ensure that the quality and integrity of the program are maintained. A maximum of six legal specialty credits can be earned through examination or portfolio. To receive credit for prior learning for a legal specialty course through examination or portfolio, the examination or portfolio must be evaluated by a faculty evaluator, under the supervision of the department chair for traditional students or the department chair for SUO students. In conducting this evaluation, the faculty evaluator will ensure that the credit sought can be classified as legal specialty, the student meets the course objectives and practical skills to be developed for the course for which credit is sought, the student meets the needs of the legal community the program serves, and the student's work is comparable to course work offered within the legal studies program.

UPL Statement:

Paralegals may not provide legal services directly to the public except permitted by law.

Synchronous Instruction Statement:

Student must take at least nine semester credits or the equivalent of legal specialty courses through synchronous instruction.

Requirements

The courses listed below are required for completion of the bachelor's degree in legal studies. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Typically, students take lower-level (100- and 200- level) courses in their freshman or sophomore years, and upper-level (300- and 400- level) courses in their junior or senior years.

Major Requirements:

FYS 100	First Year Seminar	1
LAW 102	Introduction to Legal Studies	3
LAW 112	Torts	3
LAW 114	Estates and Trusts	3
LAW 120	Contract Law	3
LAW 125	Legal Research and Writing I	3
LAW 130	Business Organizations Law	3
LAW 204	Constitutional Law	3
LAW 210	Legal Research and Writing II	3
LAW 216	Civil Litigation and Pleading	3
LAW 225A	Internship: Part I	1
LAW 225B	Internship: Part II	3
LAW 352	Law Office Technology	3
LAW 480	Legal Studies Capstone	3
POSCI 102	American Government: Political Institutions and Procedures	3

18 LAW elective credits, up to 6 credits which may be taken at the lower (100-200) level. The 18 elective credits exclude LAW 208 and LAW 308.

Suggested Course Sequence

2022-23 SCS Legal Studies

Minor in Legal Studies

The minor in legal studies requires successful completion of a minimum of 18 credits of LAW courses that are program requirements for the major. The minor in legal studies is not intended to prepare students to work as paralegals and is not approved by the American Bar Association. All course prerequisites must be met to be eligible to take the selected course for a minor. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

Pre-Law Option: The legal studies program is an excellent option for students interested in applying to law school. Many of our program's graduates go on to law school and become lawyers. Legal studies students can combine law classes with a series of designated liberal arts courses that develop critical thinking, writing, and analytical skills. The same substantive and procedural law courses offered at law schools are offered in Stevenson's legal studies program. Legal studies program faculty are experienced lawyers and judges. A full-time legal studies faculty member, also an attorney, serves as a dedicated pre-law advisor and assists students with Law School Admissions Test (LSAT) preparation and law school applications. An upper-level law elective is available to help prepare students to apply to law school and to take the LSAT. Graduates who attend law school find that the legal studies program at Stevenson gives them a competitive advantage.

BS/MS Option: The BS/MS option is available for students majoring in legal studies who wish to combine their bachelor's coursework with work toward a master's degree in one of Stevenson's graduate programs. Students choosing this option may earn their master's degree in as little as one year after their bachelor's degree. Interested students may apply to the BS/MS program upon completion of 60 undergraduate credits. Once admitted into this program, students develop an educational plan in consultation with their undergraduate and graduate advisors. For more information on this program see the SUO catalog.

A 3+3 Early Entry Program Option with the University of Baltimore School of Law (UB Law) is available to legal studies majors. Students who complete the 3+3 curriculum can apply to UB Law during their junior years. If admitted, students begin law school in lieu of their senior years, and graduate from Stevenson University after successful completion of the first year of law school.

Legal Studies Second Bachelor's Degree

Program Description

A second bachelor's degree is available in legal studies, which includes 33 credits of LAW courses with at least 21 legal specialty credits required. Consult the website for additional information and for program requirements. All LAW courses and legal specialty courses must be taken at Stevenson.

Course Descriptions

See Legal Studies Course Descriptions (p. 180)

Management

Brown School of Business and Leadership

Department of Business Administration

Department Chair: Zamira S. Simkins, Ph.D.

Minor in Management

The minor in management requires successful completion of a minimum of six courses and 18 credits with a MGT prefix. **Students majoring in Business Administration may not minor in management**. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Management Course Descriptions (p. 189)

Marketing

Brown School of Business and Leadership

Department of Business Administration

Program in Marketing

Program Coordinator: Takisha Toler, Ph.D.

Description

The marketing major is a program of study using the fundamentals of business and the principles of marketing to learn how to effectively compete for customers and clients through a strong presence on traditional and emerging digital communication channels. The degree will provide the graduate with a sophisticated set of strategic skills along with business and marketing

acumen needed to identify, engage, and continue relationships with customers using both traditional and digital media. The graduate will be prepared to become a leader in the increasingly shifting marketing environment at the local, regional, and international market levels. The Bachelor of Science in Marketing has now received specialized accreditation through the International Accreditation Council for Business Education (IACBE).

Outcomes

Upon completion of the Bachelor of Science in Marketing, graduates will be able to:

1. Demonstrate knowledge of the essential elements and theories of marketing.
2. Formulate solutions to marketing problems.
3. Develop strategic marketing programs.
4. Communicate marketing assessments and recommendations to audiences in varied formats.
5. Demonstrate professional competencies related to contemporary marketing careers.

Digital Marketing Track Description

The digital marketing track is designed for students who wish to be able to:

- Develop a better understanding of the digital customer and digital communication environment.
- Produce effective digital strategies to support online marketing communications.
- Propose and implement digital marketing programs to promote organizational success.
- Pursue career opportunities in digital marketing.

Digital Marketing Track Outcomes

Upon completion of the digital marketing track, graduates will be able to:

1. Demonstrate understanding of current and emerging trends in digital marketing.
2. Evaluate digital-centric customer behaviors.
3. Utilize data analytics and relevant marketing theories and principles to create digital content for the target market.
4. Develop effective digital marketing programs for a wide variety of organizations.
5. Evaluate ethical issues associated with digital marketing.

General Track Description

The general track is designed for students who wish to be able to:

- Explore different areas of marketing and potential career pathways.
- Enhance their knowledge in specific functional area(s) of business- Accounting, Economics, Finance, Fashion Merchandising, Economics, International Business, Information Systems, Management, Marketing as well as select topics in Graphic Design, Legal Studies, and Digital Writing and Publishing.
- Learn theories and practices of strategic marketing from the perspective of various organizations.

General Track Outcomes

Upon completion of the general track, graduates will be able to:

1. Apply various business principles, theories, and models to areas of marketing practices that strategically support a wide variety of organizations.
2. Utilize specific marketing-based tools necessary for responsible decision-making in public, private, and non-profit sector contexts.
3. Develop strategic marketing programs for a wide variety of organizations.

Policies

Students must earn a minimum GPA of 2.50 in the major. The lowest acceptable grade is a "C" in all courses listed in the catalog under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

A course may be repeated once without special permission. Marketing majors must apply in writing to the Dean of the School of Business and Leadership requesting permission to take a course for a third time. Those who do not successfully complete a major course with a grade of "C" or better after three attempts will not be allowed to continue in the marketing program.

Requirements

The courses listed below are required for the completion of the bachelor's degree in marketing. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

The courses listed below are required for the completion of the bachelor's degree in marketing. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

FYS 100	First Year Seminar	1
ACC 140	Financial Accounting	3
ACC 141	Managerial Accounting	3
EC 201	Principles of Macroeconomics	3
EC 202	Principles of Microeconomics	3
IS 135	MS Office Applications	3
MATH 136	Introduction to Statistics	4
MGT 204	Principles of Management	3
MGT 308	Business Ethics	3
MKT 206	Principles of Marketing	3
MKT 208	Introduction to Digital Marketing	3
MKT 210	Strategic Marketing Communication	3

MKT 301/MGT 300	Applied Marketing Analytics	3
MKT 305	Market Research	3
MKT 311	Consumer Behavior	3
MKT 325	International Marketing	3
MKT 336	Integrated Marketing Communication	3
MKT 400	Marketing Management	3
MKT 417	Marketing Internship	3 - 6
MKT 430	Marketing Capstone Seminar	3

Digital Marketing Track

All of the major requirements, MKT 320 and three of the following:

GDES 125	Fundamentals of Digital Media	3
GDES 208	Web Design I	3
GDES 270	Introduction to Corporate Communication Design	3
GDES 308	Web Design II	3
CM 323	Writing for the Web	3
ENG 256	Introduction to Digital Publishing	3

General Track

All of the major requirements and four electives (12 credits) from the following subject areas/courses: ACC, CM323, EC, ENG256, FIN, FMER, GDES125, GDES208, GDES270,INBUS, IS, LAW345, MGT,MKT.

Suggested Course Sequence

2022-23 SCS Marketing

Minor in Marketing

The minor in marketing requires successful completion of a minimum of six courses and 18 credits with a MKT prefix. Students majoring in Marketing may not minor in Marketing. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Marketing Course Descriptions (p. 192)

Mathematics

Beverly K. Fine School of the Sciences

Department of Mathematics and Physics

Chair: Mark A. Branson, Ph.D.

Students interested in math may obtain a Bachelor of Science in Applied Mathematics. Detailed information on this bachelor's degree program can be found in the *Applied Mathematics* (p. 66) section of the catalog.

Minor in Mathematics

A minor in mathematics is available. The minor requires successful completion of a minimum of six courses and 18 credits with a MATH prefix. Courses ineligible for the mathematics minor include:

All courses at the 000 and 100 level

MATH 205 and 206: Mathematics for Educators I and II

Please see the Chair of the Department of Mathematics and Physics for further information regarding this minor. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Mathematics Course Descriptions (p. 185)

Minor in Medical Humanities

School of Humanities and Social Sciences

Department of Applied Liberal Arts

Chair: Glenn Johnston, Ph.D.

Minor in Medical Humanities

The minor in medical humanities requires successful completion of a minimum of the six courses listed below. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

- MDH 211: History of Medicine
- MDH 215: Ethics
- MDH 235: Adult Development and Aging
- MDH 281: Literary Perspectives on Health, Medicine, and the Body
- MDH 337: Advanced Writing Topics: Medical Humanities
- MDH 350: Adult Development and Aging

Medical Laboratory Science

Sandra R. Berman School of Nursing and Health Professions

Program Coordinator: Lara Biagiotti, M.S. MLS(ASCP)^{CM}

Description

Medical laboratory science combines the basic sciences of biology and chemistry with medicine and the clinical sciences into a very satisfying professional career. Medical laboratory scientists develop, perform, evaluate, correlate and assure the accuracy and validity of laboratory tests and collaborate with other health care professionals in the diagnosis and treatment of patients. The mission of the medical laboratory science program is to graduate ethical, certified, entry-level medical laboratory scientists with the knowledge and skills necessary to work in all areas of the clinical laboratory including, microbiology, chemistry, hematology, blood banking, immunology, and molecular diagnostics.

The certified medical laboratory scientist is qualified by academic and practical training to work wherever laboratory testing is researched, developed or performed including, hospital, private, research, industrial, biomedical and forensic laboratories, pharmaceutical companies and fertility centers. In addition to laboratory positions, medical laboratory scientists also find careers in infection control, marketing, technical sales and

services, laboratory information systems, teaching and consulting.

In partnership with Sinai Hospital of Baltimore, Stevenson University offers a baccalaureate program in medical laboratory science consisting of two years of prerequisite courses in the basic sciences and liberal arts, a third year of liberal arts and introductory courses in laboratory medicine, and a fourth year which integrates professional and clinical practicum courses at Sinai Hospital. The clinical practicum provides a bridge between academics and application, allowing students a smooth transition to the workforce as medical laboratory scientists.

The program provides specialized technical training in test performance, correlation of laboratory data and disease management, and practice in problem-solving in the clinical laboratory. Graduates of our program are equipped to seek career enhancement and pursue management positions and/or graduate studies.

The medical laboratory science program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences. (NAACLS); 5600 North River Road, Suite 720, Rosemont, IL 60018-5119; 773-714-8880, naacls.org.

Graduates of the medical laboratory science program earn a Bachelor of Science degree and are eligible to take the national certification examination for medical laboratory scientists offered by the American Society for Clinical Pathology Board of Certification (ASCP-BOC).

Students planning to apply to medical or dental school can follow the medical laboratory science curriculum with the following additional courses: Organic Chemistry I and II, and two semesters of General Physics. Students adopting this option of the curriculum are strongly advised to meet with the Health Professions Advisor regarding specific requirements. The student will graduate with a Bachelor of Science in Medical Laboratory Science.

Freshmen and transfer students enter as medical laboratory science majors. The medical laboratory science program accepts ten students to continue into the junior year of the medical laboratory science major, and selection is determined by the Medical Laboratory Science Admissions Committee.

Outcomes

Upon completion of the Bachelor of Science degree, graduates will be able to:

1. Demonstrate proficiency in performing the full range of clinical laboratory tests in the contemporary clinical laboratory.
2. Evaluate test systems and diagnostic algorithms in terms of diagnostic value, compliance outcomes, and cost-effectiveness.
3. Evaluate the results of laboratory analyses for accuracy and validity, and correlate laboratory data to disease processes.
4. Apply the principles and practices of quality assurance/quality improvement as applied to the pre-analytical, analytical, and post-analytical components of laboratory services.
5. Exhibit the ethical and professional behaviors required within the healthcare delivery system.
6. Communicate effectively orally, in writing, and through laboratory information systems in order to consult with members of the healthcare team, to provide patient education and customer service, and to interact with external parties.
7. Use research design/practice skills to evaluate published studies and investigate clinical laboratory issues/problems.
8. Exhibit an understanding of the concepts and principles of laboratory management such as human resource management, finance, operations, regulatory compliance, performance improvement, critical pathways and clinical decision-making.
9. Demonstrate understanding of education techniques and terminology to train/educate users and providers of laboratory services.
10. Seek national certification as a Medical Laboratory Scientist and pursue employment within this field or a related field or continue to post-graduate education.

Policies

The lowest acceptable grade is a "C" in all courses listed in the catalog under "Major Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to take a science, math, or MLS course unless they earn a grade of "C" or better in all prerequisite courses.

Students must earn a minimum cumulative GPA of 2.800 to be admitted into the Medical Laboratory Science program. After admission into the junior year of the program, students must maintain a minimum GPA of 2.50 in the major to remain in good standing and to be eligible for admission to the clinical practicum. A student whose GPA is less than 2.50 will be reviewed by the Medical Laboratory Science faculty for continuance in the program.

A student may not earn a grade of "D" or lower in any science, math or MLS course more than three times during the program. If a fourth grade of "D" or lower is earned in any science, math or MLS course, the student will be automatically dismissed from the Medical Laboratory Science major.

Probation: The student who earns any combination of two grades of "D" or lower in a science, math or MLS course will be notified, in writing, by the program coordinator that they are on probation in the Medical Laboratory Science program.

Final Probation: The student who earns any combination of three grades of "D" or lower in a science, math or MLS course will be notified, in writing, by the program coordinator that they are on final probation in the Medical Laboratory Science program.

Dismissal: If a fourth grade of "D" or lower in any science, math or MLS course is earned, the student will be notified, in writing, by the program coordinator that they have been dismissed from the Medical Laboratory Science major.

Medical Requirements
Students enrolled in Medical Laboratory Science (MLS) courses will have potential exposure to blood-borne pathogens or other potentially infectious materials and may be at risk of acquiring hepatitis B virus (HBV). Also, during the Medical Laboratory Science program, students may have direct patient contact. The program requires students to demonstrate effective vaccinations prior to starting the Medical Laboratory Science (MLS) courses (except MLS 210).

One-time Requirement prior to the junior year:

1. Required vaccinations and/or proof of immunity to the following: Measles, Mumps, and Rubella (MMR), Hepatitis B (HBV) and Tdap

Annual Requirement:

Documentation of personal medical insurance

One-time Requirement prior to the senior year:

1. Documentation of a negative tuberculosis screening test (PPD or chest x-ray)
2. Seasonal influenza vaccine (free of charge to seniors at Sinai Hospital in fall).
3. Background Check and Drug Screen

It is the student's responsibility to ensure all medical and clinical requirements are met as described using the procedures and deadlines published in the School of Nursing and Health Professions Student Policy manual. Failure to provide acceptable documentation of medical requirements by the established guidelines may result in a student being ineligible to participate in laboratory and/or clinical experiences.

Clinical Practicum.

The clinical practicum is scheduled in the spring semester of the senior year. It is divided into four discipline-specific rotations and is scheduled for five days a week, eight hours a day.

Students may be assigned to clinical departments at the following affiliates:

- Sinai Hospital
- Northwest Hospital
- Carroll Hospital Center
- Johns Hopkins Hospital
- Baltimore Washington Medical Center
- Howard County General Hospital
- Mercy Medical Center
- Additional hospital sites in the Baltimore-Washington metropolitan area

All efforts will be made to have students complete their required rotations by their expected graduation date; however, students with a flagged criminal background check or positive drug screen may be unable to procure a rotation site and complete the degree requirements. Students should contact the program as soon as possible if there is any concern of this occurring, as the MLS program administrators will never see the results of the background check or the drug screen. Due to challenges with procuring clinical rotation sites, adjustments may be made to the student's academic calendar to ensure clinical rotation time.

Students must provide their own transportation to the clinical affiliates, which may include paying for parking.

Personal protective equipment is provided by the facilities.

Liability insurance is purchased by the University to cover students during their clinical practicum.

The clinical practicum culminates in a final comprehensive exam as preparation for the national certification examination for Medical Laboratory Scientists. Students will not substitute for or replace laboratory personnel in turning out routine workload during their specified hours at the clinical site. After demonstrating proficiency, students, with qualified supervision, may be permitted to perform procedures. It is permissible; however, for the clinical site to hire students to perform laboratory procedures outside the regular rotation hours.

Program Completion
Upon satisfactory completion of the required program of study, the student will be awarded a Bachelor of Science in Medical Laboratory Science. The granting of the degree is not contingent upon passing any external certification examination.

National Certification Examination
Program graduates are eligible to take the national certification examination for Medical Laboratory Scientists offered by the American Society for Clinical Pathology Board of Certification (ASCP-BOC).

Program Admission Requirements
Freshmen and transfer students enter the University as medical laboratory science majors. The Medical Laboratory Science Program accepts only 10 students to continue into the junior (3rd) year of the program, and selection is determined by the Medical Laboratory Science Admissions Committee.
Consideration for admission to the MLS program in the spring semester of the sophomore year is based on the following criteria:

- Minimum cumulative GPA of 2.800 in all university work attempted
- Grade of "C" or better in all prerequisite courses in biology, chemistry, and mathematics
- Completion of at least 60 credit hours, including prerequisite courses in biology, chemistry and mathematics by the start of the fall semester of the junior year in the program
- Ability to meet published, non-academic Essential Functions (see below)
- Letters of recommendation from at least two faculty who will be able to address the student's academic and technical laboratory skills
- Submission of a complete application to the program by the established deadline in the spring semester of the sophomore year

Each applicant is reviewed by the program coordinator for admission eligibility to the junior year of the medical laboratory science program. The student's transcript is

reviewed for overall grade point average (GPA) in all university work, for GPA in the specific prerequisite courses in biology, chemistry and mathematics, and for potential to successfully complete 60 credit hours towards fulfilling requirements for the degree. To ensure that all standards are met and that students have been assessed equitably, the program coordinator reviews the eligibility of all students with the Medical Laboratory Science Admissions Committee, which makes the final decision.

All students receive written notification of their acceptance/rejection status prior to registration for the fall semester of the junior year. Students who are not accepted into the medical laboratory science program may be reviewed again the following year, if they so desire, or are counseled about alternative majors.

In order to participate in the program, students must be able to comply with program-designated Essential Functions or request reasonable accommodations to execute these functions. The Essential Functions are the non-academic requirements of the program comprising the physical, emotional and professional demands of the medical laboratory scientist. To ensure that the decision to pursue a career in medical laboratory science is the correct one for the individual, each applicant is asked to determine if they are able to comply with all of these Essential Functions (see below) by which they will be assessed as a medical laboratory science major.

As stated in the University's non-discrimination policy, the University does not discriminate on the basis of health or disability.

Non-academic Essential Functions
The medical laboratory science student must possess:

1. Visual acuity sufficient to:

- Differentiate colors and color changes in the performance of laboratory tests and procedures. Color blindness, of itself, does not preclude admission.
- Identify cellular components and microorganisms using a microscope.
- Read laboratory instrument procedure manuals, standard operating procedures, specimen labels and other pertinent materials for patient care and professional practice.

2. Sufficient manual dexterity to:

- Process specimens and perform laboratory testing procedures.
- Lift and handle typical hand-held medical laboratory equipment and tools.
- Operate clinical laboratory instruments and equipment, including computers.
- Perform delicate manipulations that require good eye-hand coordination.

3. Behavioral and Social Abilities:

- Possess the physical and emotional health required, combined with the employment of sound judgment in an appropriate and prompt manner for application of intellectual abilities.
- Ability to function effectively in times of physical and emotional stress.
- Display compassion, sensitivity and concern for others while maintaining professional ethics and integrity at all times including, appropriate interactions with individuals from a variety of diverse backgrounds.
- Demonstrate flexibility and adaptability to rapidly changing environments.
- Accepting of and integrating constructive criticism and learning to function cooperatively and efficiently with colleagues and others.
- Organization skills and be able to maintain attention to details in a potentially distracting environment.
- Ability to work safely in an environment that contains both chemical and biological hazardous materials, and to comply with requirements for personal protective equipment (i.e., gloves, disinfectants).
- Oral and written proficiency in the English language to communicate in an effective and positive manner.

Stevenson is committed to providing reasonable accommodations to meet the needs of students with documented disabilities without fundamentally altering essential components of the program. Applicants should be aware that in addition to classroom learning, laboratory-based learning takes place throughout the program and involves considerations, such as safety and placement in facilities outside of the University that may not be present for classroom accommodations. Applicants and current students with disabilities are advised to assess whether an accommodation may be needed in the laboratory setting as early in the program as possible, and to inquire of the program if further information on laboratory requirements is needed. Requests for accommodations should be initiated with Disability Services in the Office of Student Success. Disability Services will engage in the interactive process with the applicant/student and consult with the appropriate medical laboratory science program faculty members as necessary to determine accommodations on an individualized case-by-case basis. To be considered for an accommodation, applicants and students will be required to submit documentation of their disability that meets the guidelines established by Disability Services.

Requirements

The courses listed below are required for completion of the bachelor's degree in medical laboratory science. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
BIO 203	Microbiology	4

BIO 217	Principles of Biochemistry	3
BIO 222	Human Anatomy	4
BIO 230	Genetics	4
BIO 322	Human Physiology	4
CHEM 114	General Chemistry I with Problem Solving	3
	or	
CHEM 115	General Chemistry I	3
CHEM 115L	General Chemistry I Laboratory	1
CHEM 116	General Chemistry II	3
CHEM 116L	General Chemistry II Laboratory	1
MATH 136	Introduction to Statistics	4
MLS 210	Principles of Laboratory Science	3
MLS 310	Hematology I	3
MLS 310L	Hematology I Laboratory	1
MLS 311	Communication and Cultural Competence in Health Care	3
MLS 315	Clinical Mycology, Parasitology and Virology	2
MLS 320	Urinalysis and Body Fluids	2
MLS 320L	Urinalysis and Body Fluids Laboratory	1
MLS 325	Clinical Chemistry I	3
MLS 325L	Clinical Chemistry I Laboratory	1
MLS 330	Clinical Microbiology I	3
MLS 330L	Clinical Microbiology I Laboratory	1
MLS 335	Clinical Laboratory Management	3
MLS 338	Molecular and Immunologic Diagnostics	3
MLS 338L	Molecular and Immunologic Diagnostics Laboratory	1
MLS 405	Transfusion Medicine	4
MLS 410	Hematology II	3
MLS 420	Clinical Microbiology II	4
MLS 425	Clinical Chemistry II	3
MLS 430	Professional Research and Writing	4
MLS 431	Clinical Chemistry Practicum	3
MLS 432	Clinical Hematology Practicum	3
MLS 433	Clinical Microbiology Practicum	3
MLS 434	Clinical Immunohematology Practicum	3

Suggested Course Sequence

2022-23 SCS Medical Laboratory Science

Minor in Medical Laboratory Science

The discipline minor in Medical Laboratory Science requires successful completion of a minimum of six courses and 18 credits of courses with a MLS designation. Senior level (400-level) MLS courses are not eligible for this minor. Depending on the courses taken, students may partially fulfill the requirements for categorical certification from the American Society for Clinical Pathology (ASCP). See the program coordinator for further information regarding this minor. General guidelines regarding minors may be found in the Minors (p. 47)section of the catalog.

Other Options

The Categorical Certificate Training Program is available for students who may want to become certified as a technologist in a laboratory discipline to be eligible for employment in the clinical laboratory. Requirements for this training program can be satisfied by pursing the minor in Medical Laboratory Science, or by completing the required courses for the chosen laboratory discipline. Please see the program coordinator for further information regarding this certificate program.

Course Descriptions

See Medical Laboratory Course Descriptions (p. 194)

Military Science

Johns Hopkins Army ROTC

Stevenson University offers the Army Reserve Officers' Training Corps (ROTC) in conjunction with The Johns Hopkins University's Blue Jay Battalion. The JHU Army Reserve Officers' Training Corps (ROTC) was among the first to be established by Congress in 1916 and is routinely ranked at the top of the nation's 273 programs. More than 3,000 Cadets have received Army officer commissions through the program, with over 55 attaining the rank of general officer. Cadets can enter the program with as little as two years remaining as an undergraduate or may complete the requirements while pursuing a graduate degree. Upon graduation, Cadets are commissioned as a second lieutenant in the U.S. Army. ROTC classes are open to only Cadets. For more information, ask a current Cadet or call 410-516-7474. Additional information can be obtained by visiting the JHU ROTC website (jhu.edu/rotc).

Scholarship and Financial Assistance

Army ROTC offers four, three, and two-year scholarships that pay full tuition (or room and board), and a $420 monthly stipend. Additional incentives are also available; you can find out more information regarding these benefits by speaking with a staff member at JHU ROTC. Scholarship opportunities are regularly improved, and incentives are added. Applications for scholarships by qualified Cadets are awarded throughout the semester. A non-scholarship program is also available. For health professions and nursing Cadets, ROTC can offer numerous opportunities to achieve specialized education and additional postgraduate scholarships.

Curriculum

The curriculum normally consists of two-year Basic Course (freshmen/sophomores) and a two-year Advanced Course (juniors/seniors). Some modification to this curriculum is common, as with graduate or transfer students. Completing the 30-day Cadet Initial Entry Training (CIET) at Fort Knox, Kentucky is equivalent to completing the Basic Course. Successful graduates of CIET are normally offered ROTC scholarships and an opportunity to enroll in the Advanced Course. High school Junior ROTC experience, prior military service, and military academy attendance may also qualify for Basic Course completion.

All Advanced Course students are Cadets and have a contractual agreement with the Army. These students attend the Cadet Leadership Course (CLC) at Fort Knox, KY between their junior and senior level courses. This is a core requirement to commission in the Army.
Army ROTC strives to develop values-based graduates that offer expert leadership to the campus, the community, and the Army. As such, we offer and encourage Cadets to participate in: paid leadership and technical internships; cultural and language immersion programs; a number of Army military school opportunities in Europe, South America, the Republic of Korea, Alaska, Hawaii, and across the continental United States.

Course Descriptions

See ROTC Course Descriptions (p. 197)

Music

School of Design

Music Director: Mark Lortz, Ph.D.

Stevenson University does not currently offer a bachelor's degree in music; however, a minor in music is available

Minor in Music

A minor in music is available. Students explore courses in musicology (music history), music theory, music composition, music technology, and performance studies. The Music Minor is for student musicians with fundamental musical experience.
The minor in music requires successful completion of a minimum of six courses and 18 credits with a MUS prefix: six credits of performance courses, fulfilled through ensemble participation, and twelve credits of other music coursework.

Students will take:

MUS 170 (p. 199) Exploring Elements of Music/Hawaiian Ukulele
MUS 201 (p. 199) Introduction to Music History
MUS 260 (p. 200)Music Technology I
MUS 275 (p. 200) Amer. Music Traditions: Hopi to Hip-Hop

AND

6 credits of ensemble coursework from the following options:

- MUS 102 University Singers
- MUS 105 Orchestra
- MUS 290 Band

Please note: Only 6 credits of ensemble coursework may be applied to a minor. Please see the Music program coordinator for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog

Nursing

Sandra R. Berman School of Nursing and Health Professions

Department of Nursing

Department Chair: Jamie R. Carter, DNP, MS, AG-ACNP, BC

Description

The Stevenson University nursing program is fully accredited by the Commission on Collegiate Nursing Education and approved by the Maryland Board of Nursing. The nursing program prepares graduates with the education to creatively meet the challenges and demands of nursing in the twenty-first century. The goal of the program is to educate nurses who, as members of the health care team, address the varied health concerns of individuals, families, groups and communities. Nurses practice in a wide variety of settings—clinics, schools, hospitals, businesses, long-term care facilities, community agencies, and urgent care centers. In addition to the very real satisfaction a person gains from helping others in need, the reasons to consider nursing as a profession include intellectual stimulation, continued educational development, and the opportunity to work closely with other allied health professionals. Registered nurses are concerned with the health of the whole person. They care for the sick and injured as well as help people maintain and improve their health. Hospital nurses are an integral part of the interdisciplinary health care team; they collaborate by means of nursing and medical diagnoses and deliver expert, compassionate, and complex holistic care.

A combination of liberal arts and science courses develops the foundation for studying the discipline of nursing. An important feature of this program is the strong clinical experience. Students in this program receive a Bachelor of Science degree with a major in nursing and are prepared to take the licensure examination for registered nurses (National Council Licensure Examination—NCLEX-RN). The nursing program provides an educational foundation for graduate study in nursing as well as the knowledge and experience necessary for advancement within the nursing profession.

The first two years of the nursing curriculum focus mainly on the Stevenson Educational Experience (S.E.E.) and other requirements that provide the foundation for 3rd and 4th year nursing courses. The nursing program introduces students to the diversity of nursing roles from wellness advocate to bedside caregiver, with the clinical application of these roles in actual health care settings. Courses enable the student to assess clients in a variety of settings and to plan nursing care strategies that meet their needs. Students are given opportunities to provide nursing care to individuals and families from birth to advanced age. The last year of the nursing curriculum is designed to move the focus of nursing from individuals and families to groups within a larger socio-cultural context. Students have the opportunity to practice nursing in complex and diverse settings. As students progress through the program, theory and clinical expectations increase as students move toward their desired goal of becoming competent, knowledgeable and caring practitioners. More detail on clinical requirements is included in the *Sandra R. Berman School of Nursing and Health Professions, Nursing Student Policy Manual*.

Successful completion of at least three years of college preparatory math and science courses provides the best foundation for students who are entering directly from high school. A SAT evidence-based reading and writing score of 550 or above and a math score of 530 or above and a high school unweighted grade point average of 3.4 and above have been strongly correlated with student success in the Stevenson nursing program.

Admission to the Nursing program is reserved for applicants who have demonstrated the ability to meet the demands of Stevenson University's bachelor's level nursing curriculum. Please see the University web site for current admissions requirements.

Nursing Resource Center

The Nursing Resource Center provides nursing students with the opportunity to practice newly learned skills and apply nursing knowledge in a simulated hospital environment located on campus. The nursing skills laboratories are each furnished with multiple hospital beds, along with wheelchairs, stretchers, and many other items of up-to-date hospital equipment. Both high- and low-fidelity simulation mannequins provide the opportunity for students to practice skills in a realistic and safe manner.

Nursing Department Statement of Purpose

The philosophy of the nursing program is articulated as follows:

"The Stevenson University nursing program, as an integral part of its parent institution, is dedicated to the pursuit of higher learning grounded in the arts, sciences, and humanities. The philosophy and curricular focus of the nursing program emphasizes the ethic of caring, critical thinking, and a spirit of inquiry in education, practice, service, and research. The nursing faculty believes nursing is a professional discipline with academic and practice dimensions. The nursing faculty values scholarship and academic integrity and seeks to foster professional involvement and life-long learning in students and graduates. The essence of nursing is grounded in the philosophy of caring. The nursing faculty believes that caring exists in authentic relationships through which all persons are respected and nurtured. Within these co-created relationships, caring opens the possibility of transformation, inviting growth, healing, and wholeness of persons, families, and communities. In the reflective practice of nursing and nursing education, a caring environment affirms diversity in ways of being and ways of knowing."

Outcomes

The nursing program is dedicated to the pursuit of higher learning grounded in the arts, sciences, and humanities. Program outcomes reflect the philosophy and curricular focus, emphasizing the ethic of care, critical thinking, and a spirit of inquiry in education, practice, service and research. Based upon these and other concepts, students are encouraged in the practice of caring through interactions and forming of relationships between their patient/clients, peers and faculty. The program has six overall outcomes that are delineated into distinct levels which determine course content and progression to more complex learning within the nursing program. These outcomes provide the framework for theory and clinical learning experiences throughout the curriculum.

Upon completion of the Bachelor of Science in Nursing, graduates will be able to:

1. Integrate the concepts of caring in nursing practice in diverse health care settings across the health-illness continuum.
2. Engage in holistic reflective nursing practice informed by the arts, sciences, and humanities.
3. Exhibit competencies in critical thinking, communication, evidence-based decision making, scholarly inquiry and technical skills in the practice of nursing.
4. Integrate professional competencies in the nursing roles of provider, designer, manager, and coordinator of care and participate as an active member of the profession.
5. Assume ethical and legal responsibility and accountability in nursing practice, exemplifying the values of altruism, autonomy, human dignity, integrity, and social justice.
6. Apply leadership concepts, skills, and decision-making in creating caring environments to promote health and healing in individuals, families, communities, and global populations.

Policies

Nursing Program Policies for Continuance and Progression in the Major

Students must earn a minimum grade of a "C" in all courses required for the nursing major.

In order to progress to the third-year clinical courses, students must have both a cumulative and science* GPA of 3.0 or higher.

If a student earns a D or F in a science or nursing course, they will be notified in writing that they are on probation in the nursing major.

Students are allowed up to two repeats of science courses and one repeat of a nursing course for any reason.

Grades are reviewed each semester, and students are notified of their status as appropriate:

Warning: Students in their first three semesters who earn a cumulative and/or science* GPA less than 3.0 will be notified in writing at the end of the semester that they are not currently meeting the criteria for progression into nursing clinical courses. These students will be required to meet with their Success Coach/Academic Advisor to discuss academic planning and strategies to support their success.

Non-Progression: Students in the semester immediately before the clinical nursing courses who earn a cumulative and/or science* GPA less than 3.0 will be notified in writing at the end of the semester that they cannot progress to the clinical nursing courses. These students

will be required to meet with their Academic Advisor to discuss academic planning.

Probation: Students who earn a D or F in a science or nursing course will be notified in writing that they are on probation in the nursing major.

Dismissal: Students in one or both of the following categories will be notified in writing that they are dismissed from the nursing major –

- Students who earn a third D or F in a science course or a second D or F in a nursing course
- Students who have completed two repeats of science courses and one repeat of a nursing course and have not earned a cumulative and/or science* GPA of 3.0 or higher.

When a student is dismissed from the nursing major at Stevenson University, there is no opportunity to seek readmission into the nursing major.

*Science GPA is calculated based on grades in courses with a BIO or CHEM designation.

Clinical Requirements

Placement into the third- and fourth-year clinical experiences at hospitals and other sites requires the completion and documentation of several medical and placement-specific requirements. Some requirements must be fulfilled prior to the start of the third-year clinical experiences while others must be fulfilled annually prior to the start of classes in the third and fourth years of the nursing program. A summary of these requirements are below. Detailed descriptions of all requirements and the accepted documentation are included in the School of Nursing and Health Professions Student Policy Manual on the SU portal. NOTE: Medical and clinical requirements are subject to change and students should refer to the portal page for the School of Nursing and Health Professions for the most up to date requirements.

One-time Requirements:

1. Physical Examination (within one year of starting third-year clinical courses)
2. Required Vaccinations – Tdap, Varicella, Measles, Mumps, and Rubella (MMR), Hepatitis B (HepB)
3. Fingerprinting (prior to enrollment in NURS 405)

Annual Requirements:

1. Proof of Health Insurance
2. CPR Certification – certification must be in the American Heart Association Basic Life Support for Health Care Providers course and must be current for the entire academic year
3. Tuberculosis Screen Test
4. Seasonal Influenza (Flu) Vaccine
5. Background Check and Drug Screen
6. Dosage Exam – Score of 100% required in fall and spring of each year in clinical courses
7. Clinical Site-Specific Documentation

It is the student's responsibility to ensure that all medical and clinical requirements are met as described using the procedures and deadlines published in the School of Nursing and Health Professions Student Policy Manual. Failure to provide acceptable documentation of medical requirements and/or clinical site-specific documentation by the established deadlines may result in a student being ineligible to begin any clinical experience.

Requirements

The courses listed below are required for completion of the bachelor's degree in nursing for students following the full-time curriculum plan beginning fall, 2018. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

In general, students take lower-level (100- and 200-level) courses in freshman or sophomore years and upper-level (300- and 400-level) courses in junior or senior years. Courses in the nursing program are carefully sequenced to provide students with a growing theory base to promote success in subsequent courses. It is critical that nursing students on this plan consult their academic advisor when planning their course schedule.

Major Requirements:

FYS 100	First Year Seminar	1
BIO 112	Principles of General Biology	3
	or	
BIO 113	General Biology I: Cell Biology and Genetics	3
BIO 113L	General Biology I Laboratory: Cell Biology and Genetics	1
BIO 203	Microbiology	4
BIO 222	Human Anatomy	4
BIO 322	Human Physiology	4
CHEM 110	Foundations of General, Organic and Biochemistry	3
CHEM 110L	Foundations of General, Organic and Biochemistry Laboratory	1
MATH 135	Introduction to Mathematical Reasoning	3
NURS 110	Computer Technology in Nursing	3
NURS 240	Nutrition	3
NURS 310	Introduction to Clinical Nursing	6
NURS 310SE	Nursing Simulation Experience	0
NURS 311/MLS 311	Communication and Cultural Competence in Health Care	3
NURS 317	Pathophysiology and Pharmacology I	3
NURS 318	Pathophysiology and Pharmacology II	3
NURS 330	Health Assessment	3
NURS 337	Psychiatric and Mental Health Nursing	4
NURS 337SE	Nursing Simulation Experience	0
NURS 338	Care of the Childbearing Family	4
NURS 338SE	Nursing Simulation Experience	0
NURS 360	Medical/Surgical Nursing I	4
NURS 409	Care of Children and Families	4
NURS 409SE	Nursing Simulation Experience	0
NURS 410	Care of Vulnerable Populations in the Community	4

NURS 420	Evidence-Based Practice and Nursing Scholarship	3
NURS 435	Professionalism in Nursing	2
NURS 440	Leadership Practicum in Contemporary Nursing Practice	4
NURS 460	Medical/Surgical Nursing II	4
NURS 470	Medical/Surgical Nursing III	6
PHIL 215	Ethics	3
PSY 101	Introduction to Psychology	3
PSY 108	Human Growth and Development	3
CMH 210	Introduction to Community Health	3
	OR	
SOC 101	Introduction to Sociology	3

Suggested Course Sequence

2022-23 SCS Nursing

Minor in Nursing

A minor in nursing is not available.

Course Descriptions

See Nursing Course Descriptions (p. 200)

Philosophy

School of Humanities and Social Sciences

Department of Applied Liberal Arts

Chair: Glenn Johnston, Ph.D.

Stevenson University does not currently offer a bachelor's degree in philosophy; however, students interested in pursuing this field of study may do so through the flexible major offered in interdisciplinary studies. Students who wish to develop a philosophy focus should consult the program coordinator of interdisciplinary studies for more information.

Minor in Philosophy

The minor in philosophy requires successful completion of a minimum of six courses and 18 credits with a PHIL prefix. Please see the humanities and public history department chairperson for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Philosophy Course Descriptions (p. 204)

Photography

School of Design

Department of Graphic Design

Chair: George Moor, MFA

Minor in Photography

The minor in photography requires successful completion of a minimum of six courses and 18 credits with a PHOTO prefix. The following courses may also be taken for a minor in photography:

- GDES 125 Fundamentals of Digital Media
- GDES 480 Design Studio Topics
- FMI 101 Cinema I: Storytelling
- FMI 303 Lighting for the Camera

While learning professional skills in fine art and commercial photography, students will explore topics such as advanced camera functions, studio lighting, visual storytelling, historic processes, and digital imaging. All course prerequisites must be met to be eligible to take the selected course for a minor. Please see the chair of the Department of Graphic Design for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Photography Courses (p. 205)

Psychology

School of Humanities and Social Sciences

Department of Psychology

Department Chair: Jeffrey Elliott, Ph.D.

Description

The psychology department is a scholarly community committed to helping students increase their scientific understanding of human and animal behavior, use this understanding to help others, learn to conduct research, and prepare thoughtfully and systematically for their careers. To meet these commitments, the psychology department offers its students a broad curriculum, learning experiences and professional activities beyond the classroom, and high levels of student-faculty interaction and collaboration.

The psychology major helps students develop a detailed, integrated, and science-based understanding of behavior, including mental processes. Furthermore, the major promotes the application of this understanding to benefit human welfare.

The psychology major has four components:

1. Students study the content of the major subdisciplines within psychology. Through studying these subdisciplines and their associated theories, research methodologies, and scientific findings, students learn how behavior is affected by an individual's genetic background, physical state, cognitive and socioemotional processes, and cultural environment.
2. The content of psychology is based on science; therefore, majors begin to understand, evaluate, and apply research. They also have the opportunity to design and participate in research.
3. Psychology students learn about psychological disorders and the clinical application of psychology. They develop the knowledge and skills to help others solve personal problems, develop professional opportunities, and lead richer, fuller lives.
4. Students identify their career goals, plan the appropriate career paths to achieve those goals, learn professional ethics, and acquire skills essential to their

professional interests. Psychology majors develop the intellectual, interpersonal, and technical skills to obtain employment relevant to their degree or to pursue graduate studies.

Outcomes

Upon completion of the Bachelor of Science degree in Psychology, graduates will be able to:

1. Think critically about major theories, concepts, empirical findings, and historical trends in psychology.
2. Conduct research by choosing appropriate research designs and statistical analyses, interpreting and communicating research results, and applying ethical standards.
3. Help others by using psychological knowledge, theory, and skills, and ethical standards.
4. Analyze how sociocultural differences affect their personal and professional interactions.
5. Plan and pursue their ongoing career and/or professional development.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the major under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). When a grade below "C" is earned in a major course, the student must repeat that course.

Requirements

The courses listed below are required for completion of the bachelor's degree in psychology. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
PSY 101	Introduction to Psychology	3
PSY 108	Human Growth and Development	3
PSY 136	Statistics for the Behavioral and Social Sciences	4
PSY 201	Writing for Psychology	3
PSY 205	Career Development I	1
PSY 215	Psychopathology	3
PSY 230	Basic Counseling Skills	4
PSY 260	Behavioral Approaches to Change	3
PSY 262	Social Psychology	3
PSY 305	Career Development II	1
PSY 355	Experimental Design and Analysis I	4
PSY 363	Cognitive Psychology	3
PSY 370	Biological Psychology	3
PSY 450	Internship	3
PSY 455	Experimental Design and Analysis II	4
PSY 480	Senior Seminar: Diversity in Psychology	3

Six credits of psychology electives (at least three credits at the 300-level or above) from among the following:

PSY 208	Human Sexuality	3
PSY 216	Psychopathology in Children and Adolescents	3
PSY 250-254	Topics in Psychology	3
PSY 325	Personality Psychology	3
PSY 326	Special Topics in Cognitive Psychology	3
PSY 327	Special Topics in Developmental Psychology	3
PSY 328	Special Topics in Personality Psychology	3
PSY 329	Special Topics in Social Psychology	3
PSY 333	Tests and Measurement	3
PSY 340	Advanced Counseling Skills	3
PSY 341	Counseling Theories	3
PSY 405	Career Development III	1
PSY 420	History and Systems of Psychology	3
PSY 470	Senior Research Thesis	3

Suggested Course Sequence

2022-23 SCS Psychology

Minor in Psychology

The minor in psychology requires successful completion of a minimum of six courses and 18 credits with a PSY prefix. Students majoring in counseling and human services may count up to three psychology courses required by the major toward a minor in psychology. Courses ineligible for the psychology minor include:

- PSY-206 Child Development (except for education majors)
- PSY-330 Educational Psychology (except for education majors)

General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Other Options

BA Option:

Students also have the option of completing a Bachelor of Arts degree in Psychology. The student must fulfill all SEE requirements, program requirements, and complete two semesters of a foreign language from the point of placement or completion of 202 level.

Course Descriptions

See Psychology Course Descriptions (p. 206)

Service Scholars

Service Scholars Program, Program Director: Holly Lentz-Schiller, Ph.D.

Description

Stevenson University's Service Scholars Program is a comprehensive program that offers participants the opportunity to extend their civic engagement in the community, reflect upon possibilities for personal and social change, as well as develop the necessary skills to

succeed in the classroom and, eventually, in the workforce.

Throughout students' four years, the Service Scholars Program provides opportunities that encourage personal and intellectual growth, enhance the Stevenson education, and provide the preparation needed to be a successful citizen in the global community.

Outcomes

Upon completion of the Service Scholars Program, students will be able to:

1. Identify and apply service theories and practices.
2. Create meaning from experience through guided reflection.
3. Engage with the local community as a means to explore leadership and civic responsibility.
4. Develop an understanding and appreciation of societal factors influencing community settings.
5. Integrate personal growth and skills with career planning.
6. Pursue tangible leadership and service experience on- and off-campus.
7. Gain experience for internships, interviews, and post-graduation professional opportunities or further study.

Program Requirements

For specific requirements for the Service Scholars program, please contact the program directors. Additional information can also be found at Service Scholars.

Course Descriptions

See Service Learning Courses (p. 212)

Religion

School of Humanities and Social Sciences

Department of Applied Liberal Arts

Chair: Glenn Johnston, Ph.D.

Stevenson University does not currently offer a bachelor's degree in religion; however, students interested in pursuing this field of study may do so through the flexible major offered in interdisciplinary studies. Students who wish to develop a religion focus should consult the program coordinator of interdisciplinary studies for more information.

Minor in Religion

The minor in religion requires successful completion of a minimum of six courses and 18 credits with an REL prefix. Please see the humanities and public history department chairperson for more information. General guidelines regarding minors may be found in the Minors (p. 47)section of the catalog.

Course Descriptions

See Religion Course Descriptions (p. 210)

Sociology

School of Humanities and Social Sciences

Department of Applied Liberal Arts

Chair: Glenn Johnston, Ph.D

There is no major in sociology at Stevenson University; however, students interested in pursuing this field of study may do so through the flexible major offered in interdisciplinary studies. Students who wish to develop a sociology focus should consult the program coordinator of interdisciplinary studies for more information.

Minor in Sociology

The minor in sociology requires successful completion of a minimum of six courses and 18 credits with an SOC prefix. Please see the program coordinator for Interdisciplinary Studies for more information. General guidelines regarding minors may be found in the Minors (p. 47) section of the catalog.

Course Descriptions

See Sociology Course Descriptions (p. 212)

Theatre and Media Performance

School of Design

Program Coordinator: Ryan Clark, MFA

Description

Stevenson University's bachelor's degree in Theatre and Media Performance trains the entrepreneurial actor for the 21st century. Following a sequence of course work, including foundational and advanced performance technique, physical and vocal production, and text analysis, students will leave Stevenson University with a solid understanding of the craft of acting. Additionally, students study design and stagecraft in order to fully engage in all aspects of performance. This creative approach to performance training culminates with audition technique preparation, business planning for actors, and a career-focused internship. Students leave Stevenson prepared to take charge of their careers in theatre and media performance.

Outcomes

Upon completion of the Bachelor of Science in Theatre and Media Performance, graduates will be able to:

1. Apply the appropriate unique skills to a wide range of theatre and multi-media performance platforms.
2. Communicate creatively and effectively both verbally and non-verbally.
3. Interpret plays and media scripts through textual analysis and performance.
4. Collaboratively problem-solve through all aspects of the production process.
5. Apply practical skills in the pursuit of career opportunities in theatre and multi-media performance.

Policies

Students must earn a minimum GPA of 2.00 in the major. The lowest acceptable grade is a "C" in all courses listed in the major under "Program Requirements" for the major, including both courses in the major and SEE courses required by the major. No student, regardless of major, will be permitted to advance to the next course without earning a grade of "C" or better in the prerequisite course(s). If a grade below "C" is earned in a major course, the student must repeat that course.

Requirements

The courses listed below are required for completion of the bachelor's degree in theatre and media performance. Students must also complete the requirements for the Stevenson Educational Experience (SEE). Specific pre- and co-requisites for each course are listed in the course descriptions.

Major Requirements:

FYS 100	First Year Seminar	1
THEA 103	Foundations of Performance	3
THEA 115	Stagecraft	3
THEA 116	Script Analysis	3
THEA 121	Introduction to Theatre	3
THEA 203	Intermediate Performance	3
THEA 210	Acting for the Camera I	3
THEA 224	Play Performance	3
THEA 240	Theatre History I	3
THEA 241	Theatre History II	3
THEA 270	Voice for the Actor	3
THEA 275	Theatre Movement	3
THEA 318	Internship	3
THEA 335	Directing	3

The following course is under development.

THEA 4XX Marketing the Actor

Choose one media performance course:

THEA 310	Acting for the Camera II	3
THEA 370	Advanced Voice for the Actor	3

Choose two theatre electives:

THEA 301	Performances Styles	3
THEA 375	Advanced Movement	3
THEA 410	Design and Collaboration	3
THEA 452	Senior Project: Theatre	3

Choose three of four practicum courses:

THEA 215	Theatre Practicum: Set Design and Construction	1
THEA 216	Theatre Practicum: Scene Painting and Props	1
THEA 217	Theatre Practicum: Stage Lighting and Sound	1
THEA 218	Theatre Practicum: Costuming	1

Suggested Course Sequence

2022-23 SCS Theatre and Media Performance

Minor in Theatre and Media Performance

The minor in theatre requires successful completion of a minimum of six courses and 18 credits with a THEA prefix. All course prerequisites must be met to be eligible to take the selected course for a minor. Theatre 224 Play Performance is repeatable for credit; this course may only be counted twice toward a minor in Theatre. Please see an academic advisor for more information. General guidelines regarding minors may be found in the Minors (p. 47)section of the catalog.

Course Descriptions

See Theatre and Media Performance Course Descriptions (p. 214)

Advising Areas

Pre-Dentistry

The pre-dentistry advising track at Stevenson offers services to students interested in seeking competitive admission dental programs. The pre-dentistry advising track offers one-on-one and group advising, workshops, and hosts admissions representatives to help students understand how to develop a competitive application to dental school when they are ready to apply.
Please note: Students identifying a pre-dentistry advising track will also declare an academic major. Students do not earn a "Pre-dentistry" degree. Students are encouraged to investigate the many majors that Stevenson has to offer across our seven degree granting schools. Students unsure of their academic major should consult with the Academic Advising Office or utilize career exploration resources available through the Career Connection Center.

Stevenson is proud of its recent graduates and what they have accomplished. Their success is reflected in the places where they have progressed to study dentistry, such as those listed below:

- Indiana University School of Dentistry
- Meharry Medical College School of Dentistry
- University of Buffalo, SUNY
- University of Maryland Baltimore College of Dental Surgery
- West Virginia University School of Dentistry
- Virginia Commonwealth University

Pre-Law

Legal Studies students can combine law classes with a series of designated liberal arts courses that develop critical thinking, writing, and analytical skills. Stevenson University has a dedicated pre-law advisor within the Legal Studies faculty who is an attorney and can guide students in LSAT preparation and law school admissions procedures. An upper-level law elective is available to help prepare students for the Law School Admissions Test.

Please note: Students identifying a pre-law advising track will also declare an academic major. Students do not earn a "Pre-law" degree. Students are encouraged to investigate the many majors that Stevenson has to offer across our seven degree granting schools. Students unsure of their academic major should consult with the Academic Advising Office or utilize career exploration

resources available through the Career Connection Center.

Stevenson is proud of its recent graduates and what they have accomplished. Their success is reflected in the places where they have progressed to study law, such as those listed below:

- Suffolk University
- University of Baltimore School of Law
- University of Maryland Baltimore
- University of Maryland School of Law
- William & Mary Law School

Pre-Medicine

The pre-medicine advising track at Stevenson provides those interested in pursuing medicine a strong foundation and introduction to the field. The pre-medicine advising track offers some-on-one and group advising, interactive workshops, and guest speakers. Please note: Students identifying a pre-medicine advising track will also declare an academic major. Students do not earn a "Pre-medicine" degree. Students are encouraged to investigate the many majors that Stevenson has to offer across our seven degree granting schools. Students unsure of their academic major should consult with the Academic Advising Office or utilize career exploration resources available through the Career Connection Center.

Stevenson is proud of its recent graduates and what they have accomplished. Their success is reflected in the places where they have progressed to study medicine, such as those listed below:

- Boston University
- Drexel University School of Medicine
- Eastern Virginia Medical School
- Edward Via Virginia College of Osteopathic Medicine
- New York Medical College
- Philadelphia College of Osteopathic Medicine
- Temple University
- Uniform Services University of the Health Sciences
- University of Maryland
- University of Pennsylvania
- University of Virginia
- West Virginia School of Osteopathic Medicine

Pre-Pharmacy

The pre-pharmacy advising track at Stevenson provides students with one-on-one and group advising, workshops, and hosts admissions representatives from local pharmacy schools to help students understand the requirements to develop a competitive profile to pharmacy school.

Please note: Students identifying a pre-pharmacy advising track will also declare an academic major. Students do not earn a "Pre-pharmacy" degree. Students are encouraged to investigate the many majors that Stevenson has to offer across our seven degree granting schools. Students unsure of their academic major should consult with a the Academic Advising Office or utilize career exploration resources available through the Career Connection Center.

Stevenson is proud of its recent graduates and what they have accomplished. Their success is reflected in the places where they have progressed to study pharmacy, such as those listed below:

- Albany College of Pharmacy
- Lake Erie College School of Pharmacy
- Massachusetts College of Pharmacy and Health Sciences
- Notre Dame of Maryland University
- Shenandoah University School of Pharmacy
- Temple University School of Pharmacy
- Touro College of Pharmacy
- University of Maryland Baltimore School of Pharmacy
- Virginia Commonwealth University

Pre-Physical Therapy

The pre-physical therapy advising track at Stevenson provides one-on-one and group advising, interactive workshops, and hosts admissions representatives on campus to help students understand how to develop a competitive application to physical therapy programs.

Please note: Students identifying a pre-physical therapy advising track will also declare an academic major. Students do not earn a "Pre-physical therapy" degree. Students are encouraged to investigate the many majors that Stevenson has to offer across our seven degree granting schools. Students unsure of their academic major should consult with the Academic Advising Office or utilize career exploration resources available through the Career Connection Center

Stevenson is proud of its recent graduates and what they have accomplished. Their success is reflected in the places where they have progressed to study physical therapy, such as those listed below:

- Arcadia University
- Franklin Pierce University
- Howard University
- Old Dominion University
- Shenandoah University
- Thomas Jefferson University
- University of Delaware
- University of Maryland Baltimore
- University of Maryland Eastern Shore

Pre-Veterinary Medicine

The pre-veterinary medicine advising track at Stevenson provides students with a strong foundation in the sciences and opportunities to develop skills that ensure animal health and well-being. The pre-veterinary medicine track provides one-on-one advising and workshops to help students understand how to develop a competitive applicant profile to the veterinary medicine schools of their choice.

Please note: Students identifying a pre-veterinary medicine advising track will also declare an academic major. Students do not earn a "Pre-veterinary medicine" degree. Students are encouraged to investigate the many majors that Stevenson has to offer across our seven degree granting schools. Students unsure of their academic major should consult with the Academic Advising Office or utilize career exploration resources available through the Career Connection Center.

Stevenson is proud of its recent graduates and what they have accomplished. Their success is reflected in the places where they have progressed to study veterinary medicine, such as those listed below:

- Michigan State University
- University of Tennessee
- Virginia-Maryland Regional College of Veterinary Medicine

Courses

ACC - Accounting

ACC 140 - Financial Accounting (3 credits)

Introduces students to financial accounting, a system which provides information for decision makers external to the business entity, primarily by means of general-purpose financial statements. Topics include the elements of financial statements, the application of accounting theory and generally accepted accounting theory and generally accepted accounting principles to business transactions, ethics, and internal controls. Students who have taken ACC 215 are not eligible to take ACC 140.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently) and a grade of C or better in MATH 005# or by placement into MATH 135 or higher – must be completed prior to taking this course. Offered: Fall and Spring.

ACC 141 - Managerial Accounting (3 credits)

Introduces students to managerial accounting. Students learn how to prepare and use financial information to make internal decisions. Topics include managerial accounting concepts, accounting for manufacturing firms, cost systems, standard costs, segment reporting, profit planning, budgeting, and performance measurement.

Prerequisite: A grade of C or better in ACC 140. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

ACC 201 - Intermediate Accounting I (4 credits)

Expands the fundamental accounting principles in which the emphasis on theory of accounts is maintained throughout the course. Concentration is on the analysis of financial statements, present value analysis, cash and cash flows, receivables, and inventory. Pronouncements of Financial Accounting Standards Board (generally accepted accounting principles) are an integral part of the course. This course meets 5 hours per week.

Prerequisite: A grade of C or better in ACC 140 and IS 135. A grade of C or better in ACC 141 (may be taken concurrently). Sophomore standing. Offered: Fall .

ACC 202 - Intermediate Accounting II (4 credits)

Continues the expansion of fundamental accounting principles in which the emphasis on the theory of accounts is maintained throughout the course. Concentration is on plant and equipment, intangibles, current liabilities, long-term debt, and shareholders' equity. Pronouncements of the Financial Accounting Standards Board (generally accepted accounting principles) are an integral part of the course. This course meets 5 hours per week.

Prerequisite: A grade of C or better in ACC 201. Offered: Spring.

ACC 215 - Survey of Accounting (3 credits)

Explains, in an abbreviated format, financial accounting for those majors whose curriculum is not based on the financial aspects of business. This course provides an overview of the accounting process through the examination of the purchase/payments and sales/collections cycles of a business. It will also provide an introduction to the debt and equity instruments used in financing business. **Restricted to non-accounting and non-business administration majors.** Students who have taken ACC 140 are not eligible to take ACC 215.

Prerequisite: Sophomore standing or higher. Offered: Fall, as needed.

ACC 301 - Intermediate Accounting III (4 credits)

Expands financial accounting principles with the study of financial statement analysis. This course emphasizes dilutive securities, earnings per share, temporary and long-term investments, revenue recognition principles, pensions, and leases. Also included are considerations of accounting changes and error analysis, full disclosure in financial accounting, and derivatives. Pronouncements of the Financial Accounting Standards Board (generally accepted accounting principles) are an integral part of the course. This course meets five hours per week.

Prerequisite: A grade of C or better in ACC 202 and MGT 210. Offered: Fall .

ACC 302 - Advanced Accounting (3 credits)

Studies advanced financial accounting issues including business combinations and consolidations with preparation of consolidated financial statements. Other topics included in the course are accounting for partnerships, segment disclosures, and debt restructuring.

Prerequisite: A grade of C or better in ACC 301 (may be taken concurrently). Offered: Spring.

ACC 303 - Cost and Managerial Accounting (3 credits)

Studies cost flows and concepts using a strategic emphasis. Included in this course are cost behaviors, cost-volume-profit relationships, and job costing. Also included in this course are fundamental budgeting concepts applied for planning and control and cost information for decision and control purposes: product profitability decisions, management and control systems, and capital budgeting.

Prerequisite: A grade of C or better in IS 135 and ACC 141. Offered: Spring.

ACC 304 - Governmental and Not-for-Profit Accounting (3 credits)

Studies fund accounting for governments and not-for-profit organizations and compliance auditing applicable to governmental entities.

Prerequisite: A grade of C or better in ACC 201. Offered: Spring.

ACC 311 - Computer Applications in Accounting (3 credits)

Examines the use of accounting systems. This course provides information and experience in the use of computers in accounting and includes work with integrated accounting software.

Prerequisite: A grade of C or better in IS 135 and ACC 201. Offered: Fall.

ACC 400 - Auditing and Attestation (4 credits)

Studies the concepts and theory of generally accepted auditing standards, standards for accounting and review services, and standards for attestation engagements. Emphasis is placed on developing the required skills to audit and issue a professional opinion on the financial statements issued by management of a public or private enterprise.

Prerequisite: A grade of C or better in ACC 202 or FIN 300 or FIN 303. Offered: Fall.

ACC 407 - Experiential Auditing (3 credits)

Develops the concepts and practical knowledge of generally accepted auditing standards. Emphasis is placed on the methods and procedures used to perform an audit and issue a professional opinion on the financial statements of an organization. Students will observe the financial operations of an organization and participate in a simulated audit.

Prerequisite: A grade of C or better in ACC 202. Offered: Fall, as needed.

ACC 411 - Tax Accounting: Individual (3 credits)

Examines the federal tax systems, emphasizing sources of taxable income and allowable deductions used in calculating taxable income and the mandated tax liability. Students use a variety of tax resources to prepare individual tax returns, to identify tax planning opportunities, and to research and document more complex tax issues and transactions.

Prerequisite: A grade of C or better in ACC 201. Offered: Fall.

ACC 412 - Tax Accounting: Corporation and Partnership (3 credits)

Examines advanced tax topics including business entities, exempt organizations, and estates and trusts. Students enhance skills in compilation, planning, and research through problems and cases which highlight business formation, operations, and earnings distribution. Discussions include strategies for minimizing the tax liability for entities as well as the business owners.

Prerequisite: A grade of C or better in ACC 201. Offered: Spring.

ACC 417 - Accounting Internship (3 - 9 credits)

Offers accounting majors the opportunity for extensive practical accounting experience in an accounting firm. Students will work in a firm while receiving academic credit. In addition, students will attend eight bi-weekly, three-hour classes. See an accounting advisor for specific details.

Prerequisite: A grade of C or better in ACC 202 (may be taken concurrently) and recommendation from accounting faculty member. Offered: Fall and Spring.

ACC 430 - Financial Modeling and Analysis (3 credits)

Studies modeling and forecasting techniques utilized by accountants in the financial operations of a business. Topics include the relationship between financial statement analysis and the accountants' role in the framework for operating budgets, strategic plans, capital investments, debt and equity financing opportunities, and cash flow forecasts.

Prerequisite: A grade of C or better in ACC 202 or FIN 300 or FIN 303. Offered: Spring.

ACC 490 - Senior Seminar (1 credit)

Provides an opportunity for students to discuss, apply, and present their accounting knowledge utilizing a series of comprehensive cases and a competency exam. Emphasis will be placed on critical thinking and problem solving, oral and written communication, and technology skills.

Prerequisite: A grade of C or better in ACC 400 and 105 credits as required by IACBE accreditation. Offered: Fall or Spring, as needed.

ANIM - Animation

ANIM 330 - Typography in Motion (3 credits)

Investigates principles of animation, motion typography, and sequential visual forms in 2-D time-based media. This course focuses on comprehensive project workflow, incorporating research, writing, storyboarding, designing, animation production, and audio/video compression. Students develop skills in animation practice and production utilizing industry-standard software. Projects highlight typographic and simple graphical elements, encouraging students to create sophisticated solutions using simplified methods. This introduction to the practice of animating graphics is supplemented by screenings of exemplary work in the fields of film title design, experimental animation, and broadcast graphics. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 230 and FMI 102 OR, A grade of C or better in FMI 222 and GDES 230. Offered: Fall.

ANIM 331 - Intermediate Motion Graphics (3 credits)

Presents students with motion design problems to solve in a selection of real-world broadcast forms: PSAs, show openings, network IDs. 2-D motion graphics will be supplemented with live-action video and 3-D animation. Assignments focus on complex project workflow, production technique, variation, thematic concepts, and communication design theory. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in ANIM 330. Offered: Spring.

ANIM 431 - Advanced Motion Graphics and Effects (3 credits)

Offers experienced Motion Graphics students a challenging forum to explore sophisticated motion design issues. Focus is placed on 2-D motion graphics for broadcast, understanding the details of the medium and delivery methods. Students will be encouraged to integrate skills from fine art, print design, web design, and video. Students create highly polished, real-world projects based on film titles, television commercials, PSAs, animated logos, etc. This course covers detailed utilization of expressions and effects in After Effects in addition to techniques for compositing motion graphics with video in After Effects and Final Cut Pro. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in ANIM 331. Offered: Fall.

ART - Art

ART 106 - Introduction to Art History (3 credits)

Provides a foundation in art history, introducing issues central to the study and interpretation of visual culture. Through class discussions and assignments emphasizing comparative analysis, research strategies, and communication skills, students will be challenged to think critically about the nature of art and the discipline of art history. This course focuses on "visual literacy" - on building and employing the vocabulary needed to discuss and interpret works of art and architecture.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 (may be taken concurrently). SEE Certification: Fine Arts. Offered: Fall and Spring.

ART 106H - Honors - Introduction to Art History (3 credits)

Provides a foundation in art history, introducing issues central to the study and interpretation of visual culture. Through class discussions and assignments emphasizing comparative analysis, research strategies, and communication skills, students will be challenged to think critically about the nature of art and the discipline of art history. This course focuses on "visual literacy" - on building and employing the vocabulary needed to discuss and interpret works of art and architecture. This course is a more demanding section of ART 106 incorporating student-led inquiry into the intersection of visual art and its practice within historical and contemporary cultural contexts.

Prerequisite: A grade of C or better in ENG 151 or ENG 153 (may be taken concurrently). Only open to students in the Honors Program. SEE Certification: Fine Arts. Offered: Spring.

ART 110 - Fundamentals of Design I (3 credits)

Introduces the elements and principles of two-dimensional design, providing an essential foundation for anyone working in visual media. This course familiarizes students with the theory and process of solving visual problems. Basic material, technical, and presentation skills are developed using traditional and digital tools. Art history and visual culture references are incorporated into lectures and projects. Students will practice using design research and creative thinking to generate ideas. Emphasis is placed on planning, executing, and presenting individual solutions. Students will discuss their work and the work of their classmates during faculty-led critiques. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall and Spring.

ART 113 - Fundamentals of Design II (3 credits)

Expands upon skills using elements and principles of two-dimensional design while introducing three-dimensional design and color theory. This course stresses the theory and process of solving design problems using color and form, essential tools for all designers. This course also builds on material, technical, and presentation skills working with traditional and digital media. Art history and visual culture references are incorporated into lectures and projects. Students practice using design research and creative thinking working independently and in groups to ideate, plan, execute, and present solutions. Students discuss their work and the work of their classmates during small-group and faculty-led critiques. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in ART 110. Offered: Spring.

ART 116 - Drawing I (3 credits)

Explores drawing as a method of representation as well as a means of organizing and expressing ideas. Introduces basic skills and techniques of drawing from direct observation using subjects such as still life, landscape, and architecture. Students use the tools of organization, composition, representation, abstraction, value, perspective, rapid visualization, and the focused practice of maintaining a sketchbook. Students work with various traditional and digital media. Students will present and discuss their work and the work of their classmates during faculty-led critiques. Art history and visual culture references are incorporated into lectures and projects.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall and Spring.

ART 117 - Drawing II (3 credits)

Focuses on drawing as a means of organizing and expressing ideas. This course expands upon basic skills and techniques taught in Drawing I, emphasizing communication and personal expression through use of composition, color theory, and abstraction. Students draw still life, interior, landscape, portrait, and the live model subjects to improve and expand their practice. Emphasis is placed on expressing ideas using a variety of materials and approaches in traditional, digital, and experimental media. Students will present and discuss their work and the work of their classmates during faculty-led critiques. Art history and visual culture references are incorporated into lectures and projects. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in ART 116. Offered: Spring.

ART 205 - Graphic Design History (3 credits)

Explores the artists, designers, artifacts, processes, and institutions that shape the continuum of graphic design history. Students may investigate graphic design through hands-on practice, comparison of historical examples to contemporary designers, and interpretation of visual styles through multiple contexts. Students will also examine culturally-determined meanings embedded in art and design production. Emphasis is placed on developing research habits. Throughout the class, students will acquire a set of graphic design reference points to guide and inspire further study and practice of graphic design. This course is repeatable for credit if topics are different.

Prerequisite: A grade of C or better in ART 106. SEE Certification: Humanities. Offered: Spring.

ART 215 - Painting I (3 credits)

Develops techniques and approaches to painting. Emphasis is placed on developing an awareness and control of the media as well as an understanding of the freedom and motion that are present in art. Students work from a variety of subject matters in a creative way with stress on sound design principles. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in ART 113 and ART 116. Offered: Fall, as needed.

ART 217 - Figure Drawing (3 credits)

Continues to provide college-level drawing experience to students who are interested in a focused study of the human form through observational drawing from live models. This course satisfies either the second drawing course or a focused elective requirement for GDES majors. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in ART 117. Offered: Fall or Spring.

ART 219 - Printmaking (3 credits)

Introduces basic printmaking techniques. Relief, intaglio, and planographic processes are introduced. Students are encouraged to combine techniques to create more complex images. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in ART 113 and ART 117. Offered: Fall or Spring.

ART 250 - Topics in Alternative Fine Art Processes (3 credits)

Explores and practices visual languages that are highly connected to the worlds of fine art alternative process technologies in printmaking and painting. This course includes the study of media innovations and digital imaging applications. Topics may vary each semester. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better ART 117. Offered: Fall and Spring, as needed.

ART 280 - Study Away: Art and Design in Context (3 credits)

Engages students in critical discussions; unique experiential learning; cultural and historical location-based research; and production of original works of art/design. In preparation for the trip, students research their destination and discuss the ideas of space and place as they pertain to the location's history, culture, and identity. While away, students experience the challenges and opportunities inherent in navigating an unfamiliar place and synthesizing their observations into a creative form. Upon return, students compose a body of creative work ranging from art, writing, research, photography, or other media and curate a group exhibition.

Prerequisite: A grade of C or better in GDES-210 or PHOTO-141. Offered: Fall, Winterim, and Spring.

ART 305 - Topics in Art History (3 credits)

Builds on knowledge acquired in art history survey classes. This course guides students to engage in self-directed in-depth research and investigations of visual and material culture within a specific art or design discipline. Students will interpret visual and material traditions in project-based activities. Students will also consider and forecast subject production and cultural significance. Topics may be Design, Graphic Design, Moving Images & Art, or Photography. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in ART-106 and a 200-level Writing Intensive (WI) course. SEE Certification: Writing Intensive and Humanities. Offered: Fall.

ART 315 - Surface Design (3 credits)

Builds on concepts, tools, and forms explored in foundation art and design courses. Students will study surface design in context, including design approaches, production processes, and applications. Hand-made, digital, and mixed-media designs will be produced.

Students who complete this course will have a fundamental understanding of how surface design formats and processes are applied in environmental, fashion, product, and graphic design production. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 125 and a 200-level ART/PHOTO course or GDES 125 and FDES 210. Offered: Spring.

ART 351 - Special Topics (3 credits)

Builds on concepts and skills covered in foundational and 200-level Materials and Methods courses. The course provides students with studio art experience in hands-on production topics related to art and design practice, process, and culture. The course focuses on a specific area of creative production-looking at both historical and contemporary approaches. Topics vary semester to semester and may include Two-Dimensional Abstraction, Book Arts, Digital Illustration, 3D Fabrication, and Advanced Screen Printing. Projects encourage experimentation and risk-taking. The course requires students to explore the full expressive range of traditional and/or digital media approaches. Class time will be primarily spent on studio work, but will also include faculty-led presentations, regular group critiques, and experiential learning.

Prerequisite: A grade of C or better in a 200-level Materials and Methods elective. Offered: Fall, Winterim, and Spring, as needed.

ART 365 - Art Studio: Independent Study (3 credits)

Provides an opportunity for motivated students to explore a self-initiated fine art or GDES project within the structure of a classroom environment. Students will submit a written proposal to the art department chair and faculty member teaching this course that describes the intended project to be completed over the semester. Project content may be fine art or GDES or a combination of the two; it is also possible that a group project may be the focus of the students' course work (i.e. a mural or exhibition). This course includes lecture and studio. Students will need to purchase supplies/materials for this course. Repeatable for credit.

Prerequisite: Permission of the department chair. Offered: Fall or Spring (as needed).

BIO - Biology

BIO 104 - The Human Body and Contemporary Health Issues (4 credits)

Illustrates some major principles of biology by studying the human as an organism and as part of the biosphere. Topics include the systems of the body and processes which produce, maintain and coordinate the person. These are studied in relation to disease, the external environment and technology. Laboratory included. Restricted to non-science majors. This course does not satisfy a minor requirement in biology.

Prerequisite: Eligible for MATH 135 or higher. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

BIO 112 - Principles of General Biology (3 credits)

Emphasizes the molecular nature of biology and biological principles that are common to all life. Topics covered relate to the physical and biochemical structure and function of cells and cell processes and genetics. Includes additional instruction on content and study skills.

Prerequisite: Eligible for MATH 135 or higher. Corequisite: BIO 113L . SEE Certification: Scientific Reasoning-Laboratory when taken in combination with BIO 113L. Offered: Spring.

BIO 113 - General Biology I: Cell Biology and Genetics (3 credits)

Emphasizes the molecular nature of biology and biological principles that are common to all life. Topics covered relate to the physical and biochemical structure and function of cells and cell processes and genetics.

Prerequisite: Eligible for MATH 135 or higher. Corequisite: BIO 113L or BIO 113HL. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

BIO 113L - General Biology I Laboratory: Cell Biology and Genetics (1 credit)

Introduces experimental methods and techniques used in the biology laboratory. Topics relate to cell structure and function, and skills covered include the scientific method and experimental design, microscope and micropipette use, and aseptic technique.

Prerequisite: Eligible for MATH 135 or higher. Corequisite: BIO 112 or BIO 113. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

BIO 113HL - Honors - General Biology I Laboratory (1 credit)

Introduces experimental methods and techniques used in the biology laboratory. Topics relate to cell structure and function, and skills covered include the scientific method and experimental design, microscope and micropipette use, and aseptic technique. Student-directed experimentation and in-depth analysis are integrated.

Prerequisite: Eligible for MATH 135 or higher. Only open to students in the Honors Program. Corequisite: BIO 113 . SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

BIO 114 - General Biology II: Structure and Function of Organisms (3 credits)

Emphasizes the molecular and physical aspects of plant and animal structure and function in relation to biological principles that are common to all life. Topics covered include form and function, homeostasis, chemical signaling and communication, and nutrition in plants and animals.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 and BIO 113L or BIO113HL. Corequisite: BIO 114L. Offered: Fall and Spring.

BIO 114L - General Biology II Laboratory: Structure and Function of Organisms (1 credit)

Explores the relationship between structure and function through laboratory activities which include the dissection of plants and animals, and the investigation of basic physiological processes. Students will be introduced to scientific literature databases, and primary and secondary scientific literature, and will continue to refine and expand the laboratory skills taught in BIO 113L.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 and BIO 113L or BIO 113HL. Corequisite: BIO 114. Offered: Fall and Spring.

BIO 115 - General Biology III: Ecology and Evolution (3 credits)

Emphasizes the evolutionary basis of biological diversity and the ecological interactions of living organisms and biological principles that are common to all life. Topics covered include evolutionary processes, hierarchical relationships and the relatedness of species, population and community ecology and biodiversity and conservation.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 and BIO 113L or BIO113HL. Corequisite: BIO 115L or ENV 255. Offered: Fall and Spring.

BIO 115L - General Biology III Laboratory: Ecology and Evolution (1 credit)

Introduces the methodology, techniques, and equipment used to collect environmental samples and data. This course demonstrates the foundational principles of evolution through hypothesis testing. An emphasis is placed on conducting experiments using scientific method, analyzing data, and presenting results in a format appropriate to a scientific journal.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 and BIO 113L or BIO 113HL. Corequisite: BIO 115. Offered: Fall and Spring.

BIO 203 - Microbiology (4 credits)

Introduces bacterial, viral and eukaryotic microbes. Topics include microbial structure, classification, metabolism, growth, diseases and general microbial laboratory techniques. Laboratory included.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 and BIO 113L or BIO 113HL. Corequisite: CHEM 110 and CHEM 110L or CHEM 116 and CHEM 116L. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

BIO 210 - Plant Science (4 credits)

Explores the complex life of plants and their interactions with people and the environment. Topics include structure and function of plants at all levels, physiological processes, reproduction, and classification of major plant groups. Use of plant products for medicine, nutrition, biofuels, and advances in plant biotechnology are discussed. Laboratory included.

Prerequisite: A grade of C or better in BIO 114 and BIO 114L. Offered: Fall, even years.

BIO 217 - Principles of Biochemistry (3 credits)

Emphasizes the structure and function of carbohydrates, lipids, nucleic acids, amino acids and proteins in living systems. The properties of these biological molecules are related to their chemical structure and specific roles within the cell. Topics include membrane structure and function, enzyme mechanisms and kinetics, and the energetics of metabolic reactions and pathways. The theory of analytical methods used to study biological molecules is also covered.

Prerequisite: A grade of C or better in BIO 112 or BIO 113, BIO 113L or BIO 113HL, CHEM 110 and CHEM 110L or CHEM 116 and CHEM 116L or CHEM 116H and CHEM 116HL. Offered: Fall and Spring.

BIO 218 - Career Connections in the Life Sciences (1 credit)

Focuses on career planning in the life sciences. This course introduces students to the variety of career pathways available within the life sciences as well as the preparation that is required to pursue these careers. Students will identify career pathways that are of interest and construct a plan to acquire both the curricular and professional experiences which will make them competitive in their chosen career. They will also learn the importance of building and utilizing a professional network and will begin laying the foundations of this network. Restricted to biology and environmental science majors.

Prerequisite: FYS 100. Offered: Spring.

BIO 222 - Human Anatomy (4 credits)

Introduces the gross and microscopic structure of the human body. Topics include histology (cells and tissues) and the eleven systems of the body. Laboratories include microscopic examination of cells and tissues, as well as dissection and study and identification of gross anatomical features. Laboratory included.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 and BIO 113L or BIO 113HL and a grade of C or better in CHEM 110 and CHEM 110L or CHEM 116 and CHEM 116L. Offered: Fall and Spring.

BIO 230 - Genetics (4 credits)

Examines the processes by which viruses, prokaryotes and eukaryotes transmit hereditary information. Topics include patterns of inheritance, probability, structure and replication of hereditary material, gametogenesis, gene expression and regulation, and mutation. Basic recombinant DNA technologies and their applications will also be discussed. Laboratory included.

Prerequisite: A grade of C or better in BIO 112 or BIO 113, or BIO 113L or BIO 113HL. Corequisite: CHEM 110 and CHEM 110L or CHEM 116 and CHEM 116L or CHEM 116H and CHEM116HL. Offered: Fall and Spring.

BIO 235L - Diversity of Life (1 credit)

Studies the diversity of life on earth through evolutionary principles. Principles of natural selection and population genetics will be applied to the study of the adaptive radiation of biodiversity. Students will learn the essential taxonomic classifications of biodiversity, spanning from microbes to megafauna with an emphasis on eukaryotic diversity.

Prerequisite: BIO 115. Offered: Fall and Spring.

BIO 270 - Animal Behavior (3 credits)

Explores the mechanisms and evolution of animal behavior, including neural, hormonal, and genetic processes that control behavior. Topics include methods for observation and quantifications of behavior and the natural selection and evolution of behavior, such as foraging, anti-predator defenses, mating systems and sexual selection, social behavior, communication, parental care, kin selection and recognition, aggression and territoriality. Fees may be required for field trips.

Prerequisite: A grade of C or better in BIO 114 and BIO 114L . Offered: Spring, odd years.

BIO 280 - Nutrition Science (3 credits)

Introduces the science and fundamental concepts of nutrition. Topics include the function of major nutrients (carbohydrates, lipids, proteins, vitamins, minerals, and phytonutrients) and the food sources of each. The principles of nutritional assessment, energy balance, weight control, and nutrition and fitness are emphasized as well as how food choices enhance health, performance, and reduce the risk of chronic disease.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 , BIO 113L or BIO 113HL. SEE Certification: Scientific Reasoning. Offered: Fall.

BIO 307 - Marine Biology (4 credits)

Examines the marine environment and its organisms and communities, with an emphasis on an ecological approach. Topics covered include the habitats, ecology, interrelationships and special adaptations of marine organisms and communities. Laboratory included. Fees may be required for field trips.

Prerequisite: A grade of C or better in BIO 115 or a 200-level ENV course. Offered: Fall, odd years.

BIO 310 - Cell Biology (3 credits)

Describes the structure and function of prokaryotic and eukaryotic cells at the cellular and molecular levels, together with the methodology for their study. Emphasis is placed on organelles participating in cellular metabolism and energy transformations, communication, transport, movement, reproduction and inheritance.

Prerequisite: A grade of C or better in BIO 217 or BIOCH 327, and BIO 230. Offered: Fall.

BIO 312 - Developmental Biology (4 credits)

Describes and analyzes developmental processes and their spatial and temporal regulation in plants and animals. Emphasis is on experimental, molecular genetic, cellular, evolutionary, and ecological aspects as they pertain to differentiation and morphogenesis of the organism. Laboratory included.

Prerequisite: A grade of C or better in BIO 114, BIO 114L, BIO 230 and BIO 235L. Offered: Fall, even years.

BIO 313 - Virology (3 credits)

Explores the fundamental properties of viruses, with an emphasis on classification, structure, replication, mechanisms of viral pathogenesis and the immune response to viral infections.

Prerequisite: A grade of C or better in BIO 112 or BIO 113, BIO 113L or BIO 113HL, BIO 203, BIO 230, CHEM 116, and CHEM 116L . Offered: Spring, even years.

BIO 314 - Parasitology (4 credits)

Explores the parasites known to produce disease in man and other mammals. This course includes the morphology, life cycles, metabolism, clinical symptoms and diseases, epidemiology and control and diagnosis of major pathogens. Laboratory includes the proper manipulation, identification, preparation and biochemical testing of parasitic cultures. Laboratory included.

Prerequisite: A grade of C or better in BIO 203 and BIO 235L. Offered: Fall, odd years.

BIO 315 - Evolution (3 credits)

Studies biological evolution, including concepts from the fields of behavioral ecology, population genetics, developmental biology, anthropology, phylogenetics and systematics. Students will use knowledge of evolutionary processes in the examination and evaluation of biological systems.

Prerequisite: A grade of C or better in BIO 115, BIO 230 and BIO 235L. Offered: Spring, even years.

BIO 322 - Human Physiology (4 credits)

Explores the principles of human body function. Emphasis is on the mechanisms by which cells and organs perform their functions and the interactions of the various organs in maintaining homeostasis. Laboratory includes wet labs, computer simulations, interactive physiology modules and an in-depth report and presentation by each student on a current topic in physiology or biomedical research. Laboratory included.

Prerequisite: A grade of C or better in BIO 222, CHEM 110 and CHEM 110L or in CHEM 116 and CHEM 116L . Offered: Fall and Spring.

BIO 326 - Animal Physiology (3 credits)

Examines the diverse mechanisms fundamental to animal physiology. The functional interactions important in vertebrate and invertebrate homeostasis at the molecular, cellular, organ and systems levels are explored.

Prerequisite: A grade of C or better in BIO 235L. Offered: Spring, odd years.

BIO 330 - Molecular Genetics (4 credits)

Examines the processes by which viruses, prokaryotes and eukaryotes transmit hereditary information and regulate its expression. Topics include patterns of inheritance, structure and replication of hereditary

material, transcription and its regulation, translation, mutation, recombinant DNA and oncogenes. Technology elucidating gene structure and function and the application of DNA technology to other areas are discussed. Laboratory included.

Prerequisite: A grade of C or better in BIO 230 and BIO 217 or BIOCH 327. Offered: Spring.

BIO 332 - Epidemiology (3 credits)

Introduces the basic principles and methods of epidemiology. Topics include the function of epidemiology, study designs, and statistical methods used to assess risk related to the health of populations. The course will examine the role of epidemiology in the formation of public health policy.

Prerequisite: A grade of C or better in BIO 112 or BIO 113. BIO 113L or BIO 113HL, MATH 136 or PSY 136, and either a 200-level biology course or CMH 210. Offered: Fall, odd years.

BIO 335 - Immunology (4 credits)

Explores the principles of basic immunology with an emphasis on the host response at the molecular level. Topics include innate and specific acquired immunity, antigens and antibodies, organs and cells of the immune system, immune dysfunction and prophylaxis. Laboratory sessions include the purification and detection methods of antibody and antigen, isolation of immune cell subpopulations and enzyme immunoassays. Laboratory included.

Prerequisite: A grade of C or better in BIO 203, BIO 230, and CHEM 116, and CHEM 116L. Offered: Spring, odd years.

BIO 362 - Independent Research Experience in Biology (2 credits)

Provides an opportunity to conduct independent research under the supervision of a faculty member. This course may be repeated for credit. This course cannot be used as a substitute for the senior capstone requirement.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 and BIO 113L or BIO 113HL and permission of the faculty member who will be supervising the research. Offered: Winterim, as needed.

BIO 365 - Independent Laboratory Research in Biology (3 credits)

Provides an opportunity to conduct independent research in an on-campus laboratory under the supervision of a Biology faculty member. This course may be repeated for credit. This course cannot be used as a substitute for the senior capstone requirement. Printing fees may be required.

Prerequisite: A grade of C or better in BIO 112 or BIO 113 and BIO 113L or BIO 113HL and permission of the faculty member who will be supervising the research. Offered: Fall and Spring.

BIO 440 - Seminar Topics in Biology (1 credit)

Explores current topics in biology through reading and discussion of the primary literature. Students give seminar-style presentations on current scientific studies and critically evaluate original scientific work in the chosen field. Related ethical issues are also discussed. This course is required for students pursuing honors in the biology program. This course may be repeated for credit if topics are different.

Prerequisite: Junior standing in a science major. Offered: Spring, as needed.

BIO 470 - Capstone Internship (3 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 120 hours of on-site work supervised by a mentor is required. This course is restricted to Biology majors. Transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level biology courses; senior status in Biology. Offered: Fall, Spring, and Summer.

BIO 471 - Capstone Internship (6 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 240 hours of on-site work supervised by a mentor is required. This course is restricted to Biology majors. Transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level biology courses; senior status in Biology. Offered: Fall, Spring, and Summer.

BIO 475 - Capstone Seminar (3 credits)

Integrates the professional knowledge gained in the Capstone Internship into the academic context. Emphasis is on honing oral and written skills. Students reflect on professional ethics and career direction. The course provides students with the skills to pursue that career direction after graduation. This course is restricted to Biology majors. Fees: Printing fees will be required.

Prerequisite: A grade of C or better in SCI 215. Corequisite: BIO 470 or BIO 471 or prerequisites. SEE Certification: Writing Intensive. Offered: Fall and Spring.

BIOCH - Biochemistry

BIOCH 327 - Biochemistry (3 credits)

Focuses in depth on the structure, function, and properties of carbohydrates, lipids, amino acids, proteins and nucleic acids in biological systems. Topics include protein structure and folding, control and energetics of metabolic pathways, the structure, function and mechanisms of enzymes reactions and a molecular level look at the central dogma of DNA to RNA to protein and DNA-based information technology.

Prerequisite: A grade of C or better in CHEM 211 and CHEM 211L. Offered: Fall and Spring.

BIOCH 345L - Integrative Laboratory I (2 credits)

Continues education in the safe chemistry laboratory practices and proper and ethical laboratory record keeping. Focuses on using advanced techniques in the

laboratory to solve interdisciplinary problems. Laboratory emphasizes biomolecular and bioinorganic experimentation, characterization and manipulation techniques.

Prerequisite: BIOCH 327 is a pre-requisite or co-requisite. Offered: Fall and Spring.

BIOCH 365 - Independent Laboratory Research in Biochemistry (3 credits)

Provides an opportunity to conduct independent research in an on-campus laboratory under the supervision of a faculty member. This course may be repeated for credit. This course cannot be used as a substitute for the senior capstone requirement.

Prerequisite: A grade of C or better in CHEM 211 and CHEM 211L, junior standing, permission of the faculty member who will be supervising the research, and permission of the department chair. Offered: Fall and Spring.

BIOCH 427 - Advanced Biochemistry (3 credits)

Explores advanced topics in biochemistry, focusing on structure-function analyses of biomolecules and the chemical and evolutionary foundations of metabolic networks. Emphasis will be placed upon using primary literature and advanced monographs to understand research methodologies and current problems and topics in biochemistry.

Prerequisite: A grade of C or better in BIOCH 327. Offered: Fall and Spring.

BIOCH 470 - Capstone Internship (3 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 120 hours of on-site work supervised by a mentor is required. This course is restricted to Biochemistry majors. Transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level biochemistry, chemistry, or biology courses; senior status in Biochemistry. Offered: Fall, Spring, Summer.

BIOCH 471 - Capstone Internship (6 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 240 hours of on-site work supervised by a mentor is required. This course is restricted to Biochemistry majors. Fees: transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level biochemistry, chemistry or biology courses; senior status in Biochemistry. Offered: Fall, Spring, Summer.

BIOCH 475 - Capstone Seminar (3 credits)

Integrates the professional knowledge gained in the Capstone Internship into the academic context. Emphasis is on honing oral and written skills. Students reflect on professional ethics and career direction. The course provides students with the skills to pursue that career direction after graduation. This course is restricted to Biochemistry majors. Printing fees will be required.

Prerequisite: A grade of C or better in SCI 215. Corequisite: BIOCH 470 or BIOCH 471 or prerequisites. SEE Certification: Writing Intensive. Offered: Fall and Spring.

BME - Biomedical Engineering

BME 101 - Introduction to Biomedical Engineering (3 credits)

Introduces the field of biomedical engineering, including the exploration of career pathways and preparation necessary to pursue these careers. Students will learn the foundation of biomedical engineering principles and how they can be applied to living systems through a problem solving approach.

Prerequisite: Eligibility to enroll in MATH 137 or higher. Offered: Spring.

BME 205 - Problem Solving and Design (4 credits)

Explores the fundamentals of the design process and the application of engineering principles in solving biological, physiological and medical problems. Students will be introduced to the tools of engineering design and will work in teams to address the technical, social, ethical, legal and economic aspects of design projects within the biomedical field.

Prerequisite: A grade of C or better in BME 101 and MATH 220. Offered: Fall.

BME 210 - Thermodynamics (3 credits)

Explores the concepts of thermodynamics in the context of biological systems. Topics include the laws of thermodynamics, energy, work, enthalpy, and entropy. A systems approach will be used to apply these concepts to circulation, kidney function, respiration, and other biological processes.

Prerequisite: A grade of C or better in MATH 221, CHEM 116, CHEM 116L, and PHYS 216. Offered: Spring.

BME 230 - Biofluid Mechanics (3 credits)

Introduces the student to the fundamentals of fluid mechanics, including conservation laws, and their application to the macrocirculation and microcirculation. Applications to other biological systems and physiologic processes will be covered.

Prerequisite: A grade of C or better in MATH 221 and PHYS 216. Offered: Spring.

BME 314 - Biostatistics (3 credits)

Focuses on the application of descriptive and inferential statistics and data analysis to biomedical research and device development. Topics include probability distributions, hypothesis testing, design of experiments, clinical trial design, data science and bioinformatics. Ethical issues and patient protections in trial design, execution, data monitoring, analysis, and publication will also be covered. Use of statistical and data analysis software will be emphasized.

Prerequisite: A grade of C or better in MATH 221. Cross-Listed as: MATH 314. Offered: Fall.

BME 315 - Biomaterials (4 credits)

Examines the properties and structure of engineering, biological, and synthetic materials. Students will explore the relationship between applied loads and deformation and the influence of structure on behavior. Topics include stress and strain, constitutive relations, failure criteria, viscoelasticity, finite deformation, and biocompatibility. Laboratory experiments will provide hands-on investigation of the behavior of materials under a variety of loading scenarios.

Prerequisite: A grade of C or better in CHEM 210 and BME 380. Offered: Spring.

BME 320 - Clinical Immersion (3 credits)

Provides the opportunity for students to build the observational, communication, and ethnographic research skills necessary to identify and document unmet clinical needs. Students are introduced to the clinical environment through collaborative exercises with health professions majors. Clinical immersion/rotations place students with healthcare professionals to observe and identify opportunities to improve healthcare. Emphasis is placed on researching and identifying clinical needs, developing formal product development proposals, and presenting them for selection and approval as capstone design projects.

Prerequisite: A grade of C or better in BME 205. Offered: Spring.

BME 325 - Transport Processes (3 credits)

Examines membrane physiology and transport mechanisms at the cellular and molecular levels. Engineering applications to drug delivery, gene therapy, and the design of biomedical devices and processes are emphasized. (Pending review by the Academic Affairs Committee.)

Prerequisite: Under development.

BME 330 - Bioelectric Systems (3 credits)

Studies bioelectrically active tissues and organs in neurological, muscular, and cardiovascular systems. Topics include bioelectric currents and potentials, measurements of biological electrical fields, volume conductor theory, electromanipulation of cells, bone repair and neuronal growth. Applications to the development of biomedical devices and other advances are discussed. (Pending review by the Academic Affairs Committee.)

Prerequisite: Under development.

BME 335 - Instrumentation (3 credits)

Reviews mechanical, chemical, electrical and biological principles for biomedical measurements. Instrumentation for biosensing, bioimaging, and the measurement of bioelectrical signals, temperature, blood pressure and body chemistry is discussed. (Pending review by the Academic Affairs Committee.)

Prerequisite: Under development. SEE Certification: Writing Intensive.

BME 340 - Systems Physiology (4 credits)

Examines human physiology through modeling and simulation of entire systems with an emphasis on how interactions between them maintain homeostasis through feedback control. Fundamentals of general, membrane, and human physiology are used to support examination of the circulatory, respiratory, renal, and nervous systems, and the special senses. Laboratory sessions will explore engineering methods and instrumentation to monitor and study physiological systems.

Prerequisite: Under development.

BME 365 - Independent Research in Biomedical Engineering (3 credits)

Provides an opportunity to conduct independent research in an on-campus laboratory under the supervision of a faculty member. This course may be repeated for credit. This course cannot be used as a substitute for the senior capstone requirement. Printing fees may be required.

Prerequisite: Under development.

BME 380 - Biomechanics (4 credits)

Introduces the application of fundamental principles of mechanics to human motion. Topics include force and torque analysis, statics, dynamics, and kinematics applied to the musculoskeletal system. Biomechanics principles will be reinforced through hands-on experiments and analysis. The course will also include a design project.

Prerequisite: A grade of C or better in MATH 222 and PHYS 216. Corequisite: BME 205. Offered: Fall.

BME 425 - Synthetic Biology (3 credits)

Focuses on the scientific foundation and concepts of synthetic biology and biological engineering. The application of synthetic biology to practical challenges is emphasized in the context of societal, ethical and regulatory issues. (Pending review by the Academic Affairs Committee.)

Prerequisite: Under development.

BME 440 - Special Topics in Biomedical Engineering (3 credits)

Examines the latest developments in the field of biomedical engineering, including medical devices and diagnostics. A case study approach is used with students doing in-depth research on the technological foundation, intended use, and competitive landscape for each device using a combination of primary and secondary sources. Student presentations and written reports are required. Topics rotate each semester to address recent advances. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in BME 205. Offered: Spring.

BME 470 - Design Capstone I (3 credits)

Engages Biomedical Engineering students in a system design experience, integrating the various concepts they have learned in prior courses, to solve clinical/biological problems identified through clinical immersion. The course provides a foundation in team leadership and project management and emphasizes the skills necessary to function as a biomedical engineer in any organization. Students will solve design problems focused on meeting customer needs that include economic, environmental, ethical, safety, and sustainability constraints. Emphasis will be placed on professional communications in oral and written formats appropriate to the discipline as part of a design team. This is the first course in the BME design capstone sequence.

Prerequisite: A grade of C or better in BME 320.

BME 475 - Design Capstone II (3 credits)

Continues design projects started in BME 470 BME Design Capstone I and brings them to completion. Students will gain additional experience in written and oral communication with a range of audiences and in formats appropriate to the discipline. Prerequisite: BME 470 BME Design Capstone I, restricted to Biomedical Engineering majors.

Prerequisite: A grade of C or better in BME 470. SEE Certification: Writing Intensive.

CA - Career

CA 205 - Foundations of Career (1 credit)

Provides systematic guidance in career preparation and informed career planning. Students identify and outline career goals within various industries, develop customized résumé and cover letter writing skills, research opportunities to become more informed, develop strategic approaches to job searching, and strengthen networking and interviewing skills. Students focus on developing the professional skills necessary for career success, including navigating diversity in the workplace and personal branding.

Offered: Fall and Spring.

CDF - Cybersecurity and Digital Forensics

CDF 110 - Cybersecurity and Digital Forensics Fundamentals (3 credits)

Explores the fundamentals of cybersecurity and digital forensics, including viewpoints based on technology, policy, human factors, management, careers, and law enforcement. Students learn about the nature, scope, and methods of cyber threats to modern society, and how society is responding to such threats on individual, organizational, national, and global levels.

Prerequisite: None. Offered: Fall or Spring, Summer, as needed.

CDF 240 - Linux System Administration (3 credits)

Investigates planning, installing, configuring, administering and troubleshooting of the Linux system server environment. Students will explore topics including Linux architecture, hardware requirements, installation methods, command line usage, file permissions, directory layout and special programs. Managing disks and file systems will also be examined. Administrative topics such as root accounts, log files, users, networking, automated process commands, security, and print services will be covered.

Prerequisite: A grade of C or better in IS 231. Offered: Spring.

CDF 251 - Network Security (3 credits)

Examines general security concepts, including authentication methods, cryptography basics, and common network attacks. Students will create secure communications for remote access, e-mail, the Web, directory, file transfer, and wireless data. Concepts of physical security and disaster recovery will be explored.

Prerequisite: A grade of C or better in IS 231. Offered: Fall and Summer, as needed.

CDF 252 - Networking II (3 Credits)

Investigates basic switching concepts and technologies such as VLANs and trunking. Switched networks concepts will be explored through configuration, monitoring, and troubleshooting. Router configurations, including static, default, and inter-VLAN will be examined, as well as the necessity for access control lists (ACLs), Dynamic Host Protocol (DHCP) and Network Address Translation (NAT).

Prerequisite: A grade of C or better in IS 231. Offered: Fall and Summer, as needed.

CDF 261 - Digital Forensics (3 credits)

Explores the process of recovering, preserving and analyzing digital evidence using digital forensics tools and techniques. Students will examine file systems to discover how digital data is created and stored, review techniques and tools used to commit cybercrimes, and discuss how cybercrimes leave digital footprints that can be uncovered. Basic techniques for analyzing data, including Structured Query Language, data mining techniques, and social network analysis will be examined. Students will also develop proficiency in scripting languages and learn how to extract and preserve information from files.

Prerequisite: A grade of C or better in CDF 251. Offered: Spring and Summer, as needed.

CDF 271 - Intrusion and Penetration Testing (3 credits)

Analyzes the techniques, tools and processes used to penetrate networks, and the countermeasures that can be implemented to protect against these attacks. Students will also examine cybercriminal tools such as malware and scripts.

Prerequisite: A grade of C or better in CDF 251. Offered: Spring and Summer, as needed.

CDF 281 - Advanced Network Defense (3 credits)

Investigates network defense with a primary focus on intrusion detection and firewall defense mechanisms.

Security issues in operating design and implementation, articulating the steps necessary for hardening the operating system with respect to various applications, and the various concepts in network defense will be examined. Students will apply essential security practices and methods to networks and deploy security tools.

Prerequisite: A grade of C or better in CDF 251. Offered: Spring or Summer, as needed.

CDF 290 - Legal Aspects of Cybersecurity (3 credits)

Analyzes business risks arising from information security and privacy issues, as well as the creation and implementation of policies that ensure compliance with laws and industry standards. Students will explore topics including privacy laws, payment card industry standards, information security measures mandated by federal statues, governance and policy development, e-discovery, contracts, intellectual property, and security risk assessments.

Prerequisite: None. Offered: Fall or Spring, as needed.

CDF 391 - Incident Response and Investigation (3 credits)

Examines the role of the computer forensics investigator as a member of an Incidence Response Team and explores the nature of the threat to organizations, the indicators that an incident is underway, the policies and procedures to be followed when an incident is detected, and the investigation methods used to collect evidence for prevention or prosecution. The course will explore the best practices used to create, organize and deploy an incident response team for malicious activity.

Prerequisite: A grade of C or better in IS 231. Offered: Fall.

CDF 392 - Information Systems Forensic Internals – Auditing (3 credits)

Examines the tools and techniques used in the recovery of information-systems-generated artifacts used to aid forensic evidence collection and timeline corroboration. Students will examine system policies, auditing techniques, authentication methods, and event and system logging techniques for the family of Windows and Mac operating systems. Students will review documented prosecutions and investigations where operating system artifact recovery led to a successful resolution.

Prerequisite: A grade of C or better in IS 231. Offered: Fall.

CDF 393 - Forensic Evidence Collection Tools and Techniques (3 credits)

Provides hands-on expertise in evidence collection and analysis with the leading forensic tools in use throughout the government, military, and law enforcement agencies. Evidence handling and timeline techniques will be covered with particular emphasis on the relationship to court testimony.

Prerequisite: A grade of C or better in CDF 391 and CDF 392. Offered: Spring.

CDF 475 - Advanced Digital Forensics (3 credits)

Evaluates forensics-based examination of operating systems structures, advanced applications of forensics tools, mobile device forensics, and current topics in digital forensics research. The substance of the Department of Defense National Centers of Digital Forensics Academic Excellence (CDFAE) program form the basis for course content and assignments.

Prerequisite: A grade of C or better in CDF 393, can be taken concurrently. Offered: Spring and Summer.

CDF 480 - Cybersecurity and Digital Forensics Capstone (3 credits)

Explores developing and implementing an effective cybersecurity program for an organization. Through case studies, readings, review of current trends, projects, and group exercises, students will gain experience in integrating topics from their previous coursework by designing multifaceted, strategic responses to cyber threats and incidents.

Prerequisite: A grade of C or better in CDF 290, CDF 475, and IS 365. Offered: Spring, as needed.

CHEM - Chemistry

CHEM 110 - Foundations of General, Organic and Biochemistry (3 credits)

Introduces the basic concepts of general chemistry, including atomic structure, chemical reactions, solutions, acid base chemistry and nuclear chemistry; organic chemistry, including basic functional groups and reactions; and biochemistry, including the composition and properties of carbohydrates, lipids, proteins and nucleic acids.

Prerequisite: Eligible for MATH 135 or higher. Corequisite: CHEM 110L. Offered: Fall and Spring.

CHEM 110L - Foundations of General, Organic and Biochemistry Laboratory (1 credit)

Introduces the concept of the scientific method to laboratory work, including the purpose of the experiment and analysis of data collected on topics related to course lecture material. Students will also participate in online discussions related to case studies from the medical world.

Prerequisite: Eligible for MATH 135 or higher. Corequisite: CHEM 110. Offered: Fall and Spring.

CHEM 114 - General Chemistry I with Problem Solving (3 credits)

Introduces the structure of matter and its behavior from a chemical perspective. Topics discussed include nomenclature, stoichiometry, chemical reactions, quantum theory, chemical bonding, periodicity, gases, and atomic and molecular structure. Includes additional instruction on problem solving and math skills.

Corequisite: MATH 137 or MATH 147, CHEM 115L, and CHEM 115S. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

CHEM 115 - General Chemistry I (3 credits)

Introduces the structure of matter and its behavior from a chemical perspective. Topics discussed include nomenclature, stoichiometry, chemical reactions, quantum theory, chemical bonding, periodicity, gases, and atomic and molecular structure.

Prerequisite: A grade of C or better in MATH 137 or MATH 147 or by placement . Corequisite: CHEM 115L and CHEM 115S. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

CHEM 115L - General Chemistry I Laboratory (1 credit)

Introduces students to working safely in a chemistry laboratory and keeping a laboratory notebook. Experiments performed include the physical properties of matter, chromatography, analysis of hydrates, solubility of inorganic salts, acids and bases, calorimetry, color and absorption of light, gravimetric analysis, gas laws, chemical bonding and molecular modeling. Students will learn laboratory techniques, instrumentation and molecular modeling.

Prerequisite: A grade of C or better in MATH 137 or MATH 147 or by placement. Corequisite: CHEM 114 or CHEM 115 and CHEM 115S. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

CHEM 115HL - Honors - General Chemistry I Laboratory (1 credit)

Introduces students to working safely in a chemistry laboratory and keeping a laboratory notebook. Experiments performed include the physical properties of matter, chromatography, analysis of hydrates, solubility of inorganic salts, acids and bases, calorimetry, color and absorption of light, gravimetric analysis, gas laws, chemical bonding and molecular modeling. Students will learn laboratory techniques, instrumentation and molecular modeling. More in depth analysis of laboratory experiments than in the CHEM115L course is required.

Prerequisite: A grade of C or better in MATH 137 or MATH 147 or by placement. Open to all students in the Honors Program. Corequisite: CHEM 115 or CHEM 115H and CHEM 115S. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall.

CHEM 115S - General Chemistry I SoLVE (0 credits)

Engages students in small group problem solving on topics related to material covered in CHEM 115. Active learning, inquiry, team building and the integration of STEM disciplines are emphasized throughout the sessions.

Corequisite: CHEM 114, CHEM 115 or CHEM 115H and CHEM 115L or CHEM 115HL. Offered: Fall and Spring.

CHEM 116 - General Chemistry II (3 credits)

Introduces the states of matter including liquids, solids and solutions, followed by discussion of chemical principles including kinetics, equilibrium, acids and bases, thermodynamics, electrochemistry, and nuclear chemistry.

Prerequisite: A grade of C or better in CHEM 114 or CHEM 115 and CHEM 115L. Corequisite: CHEM 116L and CHEM 116S. Offered: Fall and Spring.

CHEM 116L - General Chemistry II Laboratory (1 credit)

Focuses on the performance of a selection of basic laboratory procedures including molecular modeling, colligative properties, kinetics, equilibrium, titration, pH of acids and bases, buffer systems, LeChatelier's principle, solubility product constants, qualitative analysis and electrochemistry. Emphasis is placed on instrumentation, maintaining a laboratory notebook, using correct techniques and utilizing chemical software programs.

Prerequisite: A grade of C or better in CHEM 114 or CHEM 115 and CHEM 115L. Corequisite: CHEM 116 and CHEM 116S. Offered: Fall and Spring.

CHEM 116HL - Honors - General Chemistry II Laboratory (1 credit)

Focuses on the performance of a selection of basic laboratory procedures including molecular modeling, colligative properties, kinetics, equilibrium, titration, pH of acids and bases, buffer systems, LeChatelier's principle, solubility product constants, qualitative analysis and electrochemistry. Emphasis will be placed on instrumentation, maintaining a laboratory notebook, using correct techniques and utilizing chemical software programs. More in depth analysis of laboratory experiments than in the CHEM 116L course is required.

Prerequisite: A grade of B or better in CHEM 115HL. Open only to students in the Honors Program. Corequisite: CHEM 116 and CHEM 116S. Offered: Spring.

CHEM 116S - General Chemistry II SoLVE (0 credits)

Engages students in small group problem solving on topics related to material covered in CHEM 116. Active learning, inquiry, team building and the integration of STEM disciplines are emphasized throughout the sessions.

Corequisite: CHEM 116 and CHEM 116L or CHEM 116HL. Offered: Fall and Spring.

CHEM 203 - Environmental Chemistry (3 credits)

Explores topics of inorganic and organic chemistry in order to understand the source, fate, transport, and effect of compounds on the environment. Students will learn about the chemistry that underlies natural processes in the atmosphere, hydrosphere, and lithosphere. The chemical aspects of anthropogenic changes to the environment will also be studied, including energy utilization, acid deposition, air and water pollution, use of herbicides and pesticides, ozone depletion, and waste disposal.

Prerequisite: A grade of C or better in CHEM 116 and CHEM 116L. Offered: Fall, as needed.

CHEM 203L - Environmental Chemistry Laboratory (1 credit)

Introduces the techniques and instruments used to study chemical compounds in the environment. An emphasis will be on methodologies relevant to today's environmental scientist. Topics include methods for determining oxygen demand in natural and wastewaters, inorganic and organic profiles of soil and sediments, trace metals in water and soil, levels of environmental hydrocarbons, and sampling for air particulates.

Prerequisite: A grade of C or better in CHEM 116 and CHEM 116L. Corequisite: CHEM 203. Offered: Fall, as needed.

CHEM 206 - Herbal Medicines and Remedies (3 credits)

Focuses on the science of herbal medications, which have been used for centuries in many societies. Students in this course will travel to one or more destinations where they will explore the cultural and medical aspects of local folk remedies, learning about the culture they visit and conducting experiments on the herbal remedies used there. They will develop research questions, collect data and analyze compounds to understand their structure and their pharmacology. Finally, students will visit the iconic sites of historical and natural importance.

Prerequisite: ENG 150, ENG 151, or ENG 153 and placement into MATH 135 or above. SEE Certification: Scientific Reasoning-Laboratory. Offered: Winterim.

CHEM 210 - Organic Chemistry I (3 credits)

Introduces the physical and chemical properties of alkanes, alkenes, alkynes, and alcohols. This course emphasizes organic nomenclature, syntheses, stereochemistry, and reaction mechanisms.

Prerequisite: A grade of C or better in CHEM 116 and CHEM 116L. Corequisite: CHEM 210L. Offered: Fall and Spring.

CHEM 210L - Organic Chemistry I Laboratory (1 credit)

Continues education in safely working in a chemistry laboratory and keeping laboratory records. Students are introduced to common techniques associated with the preparation, purification, and chemical characterization of organic compounds.

Prerequisite: A grade of C or better in CHEM 116 and CHEM 116L. Corequisite: CHEM 210. Offered: Fall and Spring.

CHEM 211 - Organic Chemistry II (3 credits)

Studies the physical and chemical properties of aromatic compounds, aldehydes, ketones, carboxylic acids and their derivatives, enolates, amines, and selected special topics. Syntheses and reaction mechanisms are stressed throughout the course.

Prerequisite: A grade of C or better in CHEM 210 and CHEM 210L. Corequisite: CHEM 211L. Offered: Fall and Spring.

CHEM 211L - Organic Chemistry II Laboratory (1 credit)

Continues education in safely working in a chemistry laboratory and keeping laboratory records. This course involves the synthesis and characterization of compounds by physical means and spectroscopy and unknown identification. Spectroscopies covered in depth include IR, NMR, and MS.

Prerequisite: A grade of C or better in CHEM 210 and CHEM 210L. Corequisite: CHEM 211. Offered: Fall and Spring.

CHEM 213 - Digital Information Literacy for Chemistry (1 credit)

Introduces students to current methods for searching the scientific literature. Areas of study include the various search engines and online tools used in scientific research, application of search skills to researching specific topic areas in both research and career development, developing skills in various citation formats and using reference manager software. This course familiarizes students with the American Chemical Society's format of journal articles, including critical review of published articles.

Corequisite: CHEM 210. Offered: Fall and Spring.

CHEM 221 - Inorganic Chemistry (3 credits)

Introduces the chemistry of inorganic compounds and materials. The course provides the descriptive chemistry of the elements with a focus on crystals, reaction types, thermodynamics, and donor-acceptor chemistry. A review of basic structure and bonding is also provided.

Prerequisite: A grade of C or better in CHEM 116 and CHEM 116L. Offered: Fall.

CHEM 310 - Analytical Chemistry (3 credits)

Provides a rigorous study of those chemical principles pertinent to the understanding of quantitative analysis. These concepts include statistics, measurements, calibration and error, and are applied to the performance of sampling, titrations, activity, and different types of equilibria. Determination of the accuracy and precision of experimental data by application of statistical analysis to accrued data is emphasized.

Prerequisite: A grade of C or better in CHEM 210 and CHEM 210L. Offered: Fall.

CHEM 313 - Career Connections in Chemistry (1 credit)

Prepares students for the next step in planning their career. Content areas include an overview of professional goals and career opportunities; in-depth training in the preparation of a directed resumé, cover letter, and personal statement; reviewing the steps involved in a job search or pursuing graduate school; discussing the mechanics of building and utilizing a professional

network; and building competency in professional and ethical standards to use throughout their careers.

Prerequisite: A grade of C or better in CHEM 210 and CHEM 210L. Offered: Fall.

CHEM 346L - Integrative Laboratory II (2 credits)

Continues education in the safe chemistry laboratory practices and proper and ethical laboratory record keeping. Focuses on using advanced techniques in the laboratory to solve interdisciplinary problems. Laboratory emphasizes error analysis and analytical and physical experimentation and characterization techniques.

Corequisite: A grade of C or better in CHEM 310. Offered: Fall.

CHEM 365 - Independent Laboratory Research in Chemistry (3 credits)

Provides an opportunity to conduct independent research in an on-campus laboratory under the supervision of a chemistry faculty member. This course may be repeated for credit. This course cannot be used as a substitute for the senior capstone requirement.

Prerequisite: A grade of C or better in CHEM 211 and CHEM 211L, junior standing, permission of the faculty member who will be supervising the research, and permission of the department chair. Offered: Fall and Spring.

CHEM 430 - Physical Chemistry (3 credits)

Focuses on the study of quantum mechanics, thermodynamics and chemical kinetics with an emphasis on application to biochemical systems. A conceptual and mathematical understanding of these concepts is developed throughout the course.

Prerequisite: A grade of C or better in CHEM 116 and CHEM 116L, PHYS 211 or PHYS 216, and MATH 220. Offered: Spring.

CHEM 435 - Special Topics in Chemistry (3 credits)

Examines advances in chemistry that build upon and extend the foundations developed in existing chemistry courses. Topics will be covered in depth, including detailed review of classic and current literature. Student presentations are required. Rotating topics cover various aspects of analytical chemistry, biochemistry, inorganic chemistry, organic chemistry and physical chemistry.

Prerequisite: A grade of C or better in CHEM 211 and CHEM 211L. Offered: Fall and Spring.

CHEM 470 - Capstone Internship (3 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 120 hours of on-site work supervised by a mentor is required. This course is restricted to chemistry majors. Transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level chemistry courses; senior status in Chemistry. Offered: Fall, Spring, Summer.

CHEM 471 - Capstone Internship (6 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 240 hours of on-site work supervised by a mentor is required. This course is restricted to chemistry majors. Transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level chemistry courses; senior status in Chemistry. Offered: Fall and Spring.

CHEM 475 - Capstone Seminar (3 credits)

Integrates the professional knowledge gained in the Capstone Internship into the academic context. Emphasis is on honing oral and written skills. Students reflect on professional ethics and career direction. The course provides students with the skills to pursue that career direction after graduation. This course is restricted to chemistry majors. Printing fees will be required.

Prerequisite: A grade of C or better in SCI 215. Corequisite: CHEM 470 or CHEM 471 or prerequisites. SEE Certification: Writing Intensive. Offered: Fall and Spring.

CHS - Counseling and Human Services

CHS 101 - Family Studies (3 credits)

Explores family forms and issues across the life course in terms of current and historical trends as well as cross-cultural variations. The course addresses marriage and the family, partner selection and intimate relationships, and family crisis and social policy.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 (may be taken concurrently). SEE Certification: Social Science. Offered: Fall and Spring.

CHS 105 - Human Services and Social Policy (3 credits)

Provides an overview of the goals, functions, and organization of human services for individuals and groups. Students also examine the major theoretical approaches for helping people in need and social policies that affect delivery of services.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 (may be taken concurrently). SEE Certification: Social Science. Offered: Fall and Spring.

CHS 217 - Professional Development in Counseling & Human Services (3 credits)

Provides students with an opportunity to explore career directions within the counseling and human services field and to develop appropriate professional materials to advance their careers. Students will interview professionals in the field, research graduate programs and career tracks, reflect on their own strengths and interests, explore ethical issues in the field, and develop individualized professional development plans.

Prerequisite: A grade of C or better in CHS 105. Offered: Fall.

CHS 220 - Diversity and Cultural Competence (3 credits)

Explores commonalities and differences in contemporary families and individuals. The course examines the culturally competent provision of counseling and human services when working with individuals of similar and different races, ethnicities, socio-economic statuses, religions, sexual orientations, and abilities.

Prerequisite: A grade of C or better in CHS 101, PSY 101 or SOC 101 (may be taken concurrently). Offered: Spring.

CHS 224 - Research Methods and Writing (3 credits)

Introduces social science research methods. Emphasis is on formulating research questions, developing search and data-gathering strategies, and interpreting and writing clearly about research in the areas of human services, social work, counseling, and psychology. Students analyze current research and present their findings.

Prerequisite: Sophomore status and a grade of C or better in one of the following: CHS 101, PSY 101, PSY 101H, or SOC 101, SOC 101H or permission of the department chair. SEE Certification: Writing Intensive. Offered: Fall and Spring.

CHS 235 - Adult Development and Aging (3 credits)

Provides the student with an opportunity to learn the effects of a variety of physical, personal, psychological, and social issues faced by older adults and their families. Emphasis is placed on functional health status, social roles, social relationships, family issues, and the impact of these factors on specific services and the community at all levels.

Prerequisite: A grade of C or better in CHS 101, PSY 101 or SOC 101 (may be taken concurrently). Offered: Spring, even years.

CHS 250 - Topics in Counseling & Human Services (3 credits)

Examines selected issues in counseling and human services in depth, stressing relevant theories, research, and application. Rotating topics include Death and Dying, Divorce and Remarriage, and Family Violence. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in CHS 101 or CHS 105, depending upon the topic. Offered: Fall, Winterim, and Spring.

CHS 270 - Psychopharmacology and Addictions (3 credits)

Provides an overview of psychoactive drugs, their effects, and the knowledge and skills needed to deal with the problems of addiction. This course addresses the various models of addiction, progression, diagnosis and dual diagnosis, recovery, relapse, the intervention process, and the effects of addiction on the individual, family, and society.

Prerequisite: A grade of C or better in CHS 105, PSY 101 or NURS 337. Offered: Fall and Spring.

CHS 275 - Services for Children and Youth (3 credits)

Examines the process of child and youth welfare, focusing on history and current trends. Topics include family preservation services, child and youth protective services, foster care, and adoption.

Prerequisite: A grade of C or better in CHS 101, PSY 101 or SOC 101 (may be taken concurrently). Offered: Fall.

CHS 315/515 - Group Counseling (3 credits)

Investigates elements of group counseling, including theories, techniques, legal and ethical issues, and stages of group formation. The application of course material to specific groups is highlighted. Students who anticipate continuing their education at the graduate level should register for the 500-level section; however, transferability of these courses to a graduate program is determined by the receiving institution.

Prerequisite: A grade of C or better in CHS 105 (may be taken concurrently). Offered: Spring.

CHS 340/540 - Administration of Human Services (3 credits)

Focuses on the skills required for the development, delivery, and administration of human services programs. This course emphasizes the organizational and work-related issues in human services, including program planning, development, and evaluation; personnel administration; fundraising and budgeting; and administrative procedures. Students will focus on professional writing throughout this course, including writing a strategic plan and program proposal. Students who anticipate continuing their education at the graduate level should register for the 500-level section; however, transferability of these courses to a graduate program is determined by the receiving institution.

Prerequisite: A grade of C or better in CHS 105. SEE Certification: Writing Intensive. Offered: Spring.

CHS 360 - Counseling Strategies for Individuals (3 credits)

Investigates models and methods for helping individuals in need. Students develop skills through the practice of intervention techniques. These skills include those needed to help clients identify and explore problem situations, set goals, and develop action plans to accomplish those goals as well as develop case management skills and self-awareness.

Prerequisite: A grade of C or better in CHS 105 (may be taken concurrently). Offered: Fall.

CHS 362 - Trauma and Crisis Intervention (3 credits)

Examines current theories, research and practices on crisis intervention in a variety of human services settings. Best practices for assessment, crisis-stabilization, intervention and trauma-informed care will be addressed.

Intercultural factors and ethical decision making in the context of crisis response will be examined.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H and CHS 105. Offered: Spring, odd years.

CHS 365 - Coping, Resilience and Growth-Focused Counseling (3 credits)

Examines current theories, research and practices relating to resilience, coping and growth-focused counseling. Students learn to apply the science of flourishing and use empirical and experiential approaches to help clients enhance their lives. Students explore the importance of self-care and resilience in advancing their own personal and professional growth. Topics covered include the mental states of flow, mindfulness, happiness, pleasure, contentment, optimism and other positive emotions, character strengths, values, goal setting, wellness, the mind-body connection, self-esteem, meaningful relationships, and enabling institutions exemplified by positive education, positive work environments, healthy families, humane leadership, and the development of civic virtues.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Spring, even years.

CHS 370 - Ethics in Counseling (3 credits)

Examines ethical practice and decision-making in the counseling field. The course focuses on personal and professional awareness of values, self-disclosure, boundaries and dual relationships, confidentiality, counselor and client rights and responsibilities, professional relationships, and credentialing/regulating agencies. This course also provides a specific focus on ethical issues relevant to the addiction treatment field, including the impact of confidentiality regulations, working with mandated client populations, self-help fellowship participation, and counselors who are also in recovery.

Prerequisite: A grade of C or better in CHS 315/515, CHS 360 or PSY 230, (may be taken concurrently). Offered: Spring.

CHS 371 - Assessment and Treatment of Addictions (3 credits)

Prepares students with the knowledge and skills required to effectively assess and treat persons with substance abuse problems and other addiction disorders. Topics include theory and techniques of assessment and counseling approaches for individuals with addiction disorders, working with family and significant others, dynamics of counseling special populations, and case management.

Prerequisite: A grade of C or better in CHS 270 (may be taken concurrently). Offered: Fall.

CHS 380 - Internship in Counseling and Human Services (3 credits)

Provides students with a hands-on, realistic experience in a community-based agency. Concurrently, students explore professional issues in human services during guided classroom discussions.

Prerequisite: A grade of C or better in CHS 220, CHS 315/CHS 515, CHS 360, and permission of the instructor. Offered: Spring.

CHS 430 - Family Dynamics and Interventions (3 credits)

Focuses on the dynamics of family relationships. Students analyze and evaluate family counseling interventions.

Prerequisite: A grade of C or better in CHS 101 and either CHS 315/HSR 515 or CHS 360. Offered: Fall.

CHS 440 - Practicum in Counseling and Human Services (9 credits)

Provides a supervised, practical experience in a community-based agency, where students function as much as possible like entry-level staff.

Prerequisite: A grade of C or better in CHS 340/CHS 540, CHS 380, CHS 430, and permission of the instructor. Corequisite: CHS 441. Offered: Fall and Spring.

CHS 441 - Seminar in Counseling and Human Services (3 credits)

Provides an opportunity for students to discuss and learn more about issues related to the practicum and to the field of human services. Similar in organization to a professional development meeting, the seminar is designed to help facilitate the transition from undergraduate school to work and/or graduate school.

Prerequisite: A grade of C or better in CHS 340/CHS 540, CHS 380, CHS 430, and permission of the instructor. Corequisite: CHS 440. Offered: Fall and Spring.

CJUS - Criminal Justice

CJUS 101 - Introduction to Criminal Justice (3 credits)

Provides students with an overview of the criminal justice system, including historical development, present status, and suggested reforms. Topics covered include the duties and functions of actors in the criminal justice system, such as victim, offender, police, prosecuting and defense attorneys, and courts and corrections. Also covered is the criminal justice process from the formation of laws to the final stages of the treatment of criminals.

Prerequisite: None. SEE Certification: Social Science. Offered: Fall and Spring.

CJUS 205 - Ethics Principles in Criminal Justice (3 credits)

Examines the field of criminal justice ethics, which broadly encompasses the history of justice and theories of morality and ethics. It includes the study of ethics from both the individual perspective and the organizational standpoint. Concrete ethical issues and dilemmas that are encountered regularly by participants in the major components of the criminal justice system are covered. Ethical decision-making opportunities within the three major branches of criminal justice are analyzed. This includes law enforcement ethics, correctional ethics, and legal profession ethics.

Prerequisite: A grade of C or better in CJUS 101. Offered: Fall and Spring.

CJUS 210 - Writing for Criminal Justice (3 credits)

Emphasizes the development of reading, writing, and critical thinking skills in criminal justice. This course provides students with the skills necessary to interpret literature in the field of criminal justice and to write and speak about criminal justice topics in an accurate, clear and concise manner. In addition to being introduced to the basics of criminal justice research and APA style, students will be taught to take notes effectively and to write reports, social histories, and scholarly essays, as well as agency and court narratives.

Prerequisite: A grade of C or better in ENG 152. SEE Certification: Writing Intensive. Offered: Fall and Spring.

CJUS 220 - Criminal Law and Procedure (3 credits)

Provides an overview of criminal law and the fundamental elements of criminal procedures including methods and rules of police investigation and arrest, adjudication, sentencing, and appellate review by higher courts.

Prerequisite: A grade of C or better in CJUS 101. Offered: Fall and Spring.

CJUS 265 - The Juvenile Justice System (3 credits)

Examines the juvenile justice system including its history, structure, and interrelationships among law enforcement, the courts, and corrections. This course also explores federal, state, and local laws and programs with an emphasis upon case law and statutory law, both historical and current. Issues in terms of the philosophy of parens patriae doctrine and constitutional procedures are also explored.

Prerequisite: A grade of C or better in CJUS 101. Offered: Fall or Spring, as needed.

CJUS 275 - Corrections (3 credits)

Examines the history, structure, and functions of corrections, and the legal and philosophical basis for the punishment of criminal offenders including the role of corrections as one of the three major components of the criminal justice system.

Prerequisite: A grade of C or better in CJUS 101. Offered: Fall and Spring.

CJUS 280 - Law Enforcement (3 credits)

Provides students with an understanding of the fundamental principles of law enforcement. This course presents a substantial chronology of policing in the United States, beginning with the pre-American experience and ending with recent events. A wide spectrum of law enforcement agencies, identifying the most important characteristics of city, state, and federal police work are examined. The services and importance of different police activities (patrol, traffic, and criminal investigation) are explained and particular attention is given to current issues and trends in law enforcement.

Prerequisite: A grade of C or better in CJUS 101. Offered: Fall and Spring.

CJUS 285 - Criminology (3 credits)

Examines the nature and extent of criminology. This course places emphasis on past and current theories of crime; typologies of crime; and programs for the prevention, control, and treatment of crime. Students will explore criminal behavior from a variety of theoretical and historical perspectives. In addition, students will develop a better understanding of how crime, criminal behavior, and the criminal justice system are related.

Prerequisite: A grade of C or better in CJUS 101. Offered: Fall and Spring.

CJUS 290 - Human Trafficking (3 credits)

Explores the fundamental concepts related to the nature, concerns, and complexities of trafficking human beings, both in the United States and globally. The course examines human trafficking as a process of supply and demand, and the many factors that contribute to this crime. The multiple methods utilized to sell humans for labor, sex, and profit are presented. Human trafficking is discussed as a violation of human rights. The differences between human trafficking and smuggling, the typical victims and the beneficiaries of human trafficking, and laws enacted to reduce the growing incidence of this crime are examined.

Prerequisite: A grade of C or better in CJUS 101. Offered: Fall or Spring, as needed.

CJUS 310 - Comparative Criminal Justice Systems (3 credits)

Examines the criminal justice systems of selected countries with comparisons, where applicable, with that of the United States. Emphasis will be on crime rates, forms of criminality, police courts, and corrections. Descriptive material on selected countries will be analyzed and compared. This course will also focus on the thematic issues common among nations worldwide and provide insight into the various methods employed by those nations in administering criminal justice.

Prerequisite: A grade of C or better in any 200-level CJUS course. Offered: Fall or Spring, as needed.

CJUS 325 - Civil Liability in Criminal Justice (3 credits)

Examines civil liability issues at the local, state, and federal law levels. Students develop better awareness of the liability risks relative to criminal justice service by learning proactive protocols that may minimize personal and organizational liability risks related to 1983 actions, wrongful death actions, and various personnel laws including ADA, EEOC, age and sex discrimination and sexual harassment.

Prerequisite: A grade of C or better in CJUS 220, CJUS 275, and CJUS 280. Offered: Fall or Spring, as needed.

CJUS 335 - White Collar Crime (3 credits)

Examines the various forms of white-collar crime as illustrated through case studies. Students will estimate

the extent and costs of these crimes which will be analyzed along with victim and offender profiles. Legal issues, including questions of corporate liability, will be reviewed as well as examination of the theoretical explanations for white-collar crimes committed by individual offenders and corporations. The problems associated with the enforcement of laws related to white-collar criminality, the investigation and prosecution of such offenses, and the sentencing of white-collar offenders will be examined.

Prerequisite: A grade of C or better in any 200-level CJUS course. Offered: Fall or Spring, as needed.

CJUS 345 - Victimology (3 credits)

Examines the crime victim as a larger part of our society and as a participant in the criminal justice system. Students will study criminal victimization in the United States, the role the victims play in the criminal justice process, their personal victimization, and victim-targeted service programs.

Prerequisite: A grade of C or better in CJUS 101 and CJUS 285. Offered: Fall and Spring.

CJUS 350 - Special Topics (3 credits)

Examines areas of criminal justice of current interest that are not covered in other CJUS courses. Emphasis will be placed on developing critical thinking and analytical skills through the study of special criminal justice topics. The course topic will differ with each offering of the course and will be specified in the class schedule for the session offered. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in CJUS 101. Offered: Fall or Spring, as needed.

CJUS 355 - Race and Crime (3 credits)

Examines how the issues of race, crime, and justice are played out in the context of a diverse society. The course considers three major issues: 1) how the law affects and has affected different racial groups in American society; 2) how different groups vary in their involvement in crime and the criminal justice system; and 3) how different racial groups respond differently to the justice systems.

Prerequisite: A grade of C or better in any 200-level CJUS course. Offered: Fall or Spring, as needed.

CJUS 375 - Probation and Parole (3 credits)

Examines the organization and operation of probation and parole agencies as particular segments of the criminal justice system. The historical and philosophical foundations, theoretical concerns that the options present, as well as the practical aspects of the services rendered are analyzed. Other topics critically reviewed are community-based corrections, options for treatment and intermediate sanctions, issues surrounding court orders and pre-sentence reports, the correctional and probation and parole officer's professional and ethical roles, and the legal decisions affecting practice in this field.

Prerequisite: A grade of C or better in any 200-level CJUS course. Offered: Fall or Spring, as needed.

CJUS 380 - American Courts and the Criminal Justice System (3 credits)

Examines the criminal court and its dual-court structure by focusing on the organization of criminal courts at both the federal and state levels. The roles and responsibilities in the adversarial system of justice such as prosecutors, judges, and defense attorneys will be examined.

Prerequisite: A grade of C or better in any 200-level CJUS course. Offered: Fall and Spring.

CJUS 381 - Justice, Media, and Crime (3 credits)

Examines the relationship among the media, crime, and criminal justice in the United States. This course explores how the criminal justice system, criminals, and crime are portrayed in the entertainment and news media and the effects that these portrayals have on society and our criminal justice system.

Prerequisite: A grade of C or better in any 200-level CJUS course. Offered: Fall or Spring, as needed.

CJUS 383 - Law Enforcement and the Community (3 credits)

Examines the philosophy, tactics, problems, and solutions encountered when the community and police engage in the teamwork of community policing. Students will analyze the evolution of community policing; the community and law enforcement's relationship within this philosophy; community policing implementation; and various community policing programs.

Prerequisite: A grade of C or better in any 200-level CJUS course. Offered: Fall or Spring, as needed.

CJUS 385 - Research Methods in Criminal Justice (3 credits)

Examines research methods and techniques used within the field of criminal justice. Topics discussed include research design, measurements, sampling, data collection, data analysis, quantitative vs. qualitative methods, research ethics, and application. The course will provide students with the ability to conduct research and the insight to become intelligent consumers of research. Achieving these goals will ensure the ability in both the students' occupational and personal decision-making skills in making informed and reasoned choices on the validity and potential utility of research findings.

Prerequisite: A grade of C or better in any 200-level CJUS course and either MATH 136 or PSY 136. Offered: Fall and Spring.

CJUS 390 - Domestic Security (3 credits)

Introduces the causes, dynamics, and history of terrorism, extremist groups and cults, and their impact on the law enforcement profession. Emphasis is placed on issues associated with the causes and goals of terrorism, the cultural phenomenon of extremist groups and cults, and the challenges presented by these to future law enforcement professionals. Discussion topics will include

a historical perspective of terrorism, international and domestic terrorism, political, cultural, and religious responses to terrorism, future predictions and role of law enforcement, the militarization of a civilian law enforcement, the birth, rise and dynamics of extremist religious and political groups, and the dynamics and impacts of cults and inter- and intra-national considerations.

Prerequisite: A grade of C or better in any 200-level CJUS course. Offered: Fall or Spring, as needed.

CJUS 417 - Internship (3 credits)

Provides a structured, off-campus learning experience that requires 120 hours of service in a supervised setting and the creation of an academic portfolio based on the professional experience. In addition, students will meet with the instructor, as a class on campus, at designated times during the term.

Prerequisite: A grade of C or better in any 300-level CJUS course, junior or senior status, and permission of the instructor. SEE Certification: Writing Intensive. Offered: Fall and Spring.

CJUS 430 - Law Enforcement Administration and Management (3 credits)

Provides in-depth analysis and synthesis of the various components and approaches to management and management styles within a police agency. The course emphasizes operational considerations, patrol operations, and auxiliary functions of managers within a policing agency.

Prerequisite: A grade of C or better in CJUS 280 and any 300-level CJUS course. Offered: Fall or Spring, as needed.

CM - Communication

CM 101 - Public Speaking (3 credits)

Focuses on the development of skills in the writing and presenting of various types of speeches. Students will practice and deliver several speeches with the goals to inform, persuade, and entertain audiences.

Prerequisite: None. SEE Certification: Communication Intensive. Offered: Fall and Spring.

CM 101H - Honors - Introduction to Public Speaking (3 credits)

Focuses on the development of skills in the writing and presenting of various types of speeches. Students will practice and deliver several speeches with the goals to inform, persuade, and entertain audiences. This course is a more demanding section of CM 101 in that its design assists students in expanding the parameters of their coursework to include public discourses and media analyses.

Prerequisite: Only open to students in the Honors Program. SEE Certification: Communication Intensive. Offered: Fall and Spring.

CM 115 - Interpersonal Communication (3 credits)

Emphasizes a connection between theory and practice to comprehensively view the concepts and research in dyadic interpersonal communication. Students improve upon a wide range of interpersonal skills to apply these to personal, social, and workplace relationships. In addition, issues of cultural diversity, ethics, technology, and power are covered.

Prerequisite: None. SEE Certification: Communication Intensive. Offered: Fall and Spring.

CM 120 - Human Communication (3 credits)

Surveys foundations, theories, concepts, and topics from diverse areas in the study of human communication. Students will use these communication fundamentals as lenses through which to explore and analyze human communicative interaction in personal, social, and professional contexts. The inclusion of public speaking, small group work, and other communication focused applications provides students the skills necessary to communicate competently through multiple channels.

Prerequisite: None. SEE Certification: Communication Intensive. Offered: Fall and Spring.

CM 205 - Communication Ethics (3 credits)

Introduces students to the field of communication ethics. Students will critically analyze how ethics and communication intersect in contemporary public issues. Communication ethics, as a response and responsibility in all interactions, will be stressed. The course will identify the questions that ethical communication raises as a starting point for practical decision-making.

Prerequisite: None. SEE Certification: Communication Intensive and Humanities. Offered: Fall and Spring.

CM 206 - Listening and Communication (3 credits)

Introduces and explores the 21st-century complexities of the listening process as related to personal growth, social relationships, and professional development. Students will assess and modify listening practices for effectiveness. Topics include the role of listening in communication, types of listening, and listening skills within and among various contexts and cultures.

Prerequisite: A grade of C or better in a 100-level CM course. Offered: Fall.

CM 211 - Intercultural Communication (3 credits)

Emphasizes a connection between communication theory and practice in multicultural contexts. Students learn to identify barriers that exist in communicating across cultures and to weigh strategies that help manage or overcome such obstacles in an effort at promoting effective intercultural communication.

Prerequisite: Sophomore status. SEE Certification: Humanities. Offered: Fall and Spring.

CM 235 - Media and Society (3 credits)

Explores the impact of media on cultures and societies through the examination of cultural products including, but not limited to, film, books, music, web material, and advertising. Using a wide range of theoretical frameworks, students will learn to analyze the effects on audiences of representations in media.

Prerequisite: None. Offered: Fall.

CM 236 - Communication Research and Writing (3 credits)

Emphasizes critical thinking skills in the creation, development, writing, and reading of communication research. This course provides students with the skills necessary to analyze literature in the field of communication and to write and speak about communication topics in an accurate, clear, and concise manner. Students will also be introduced to the basics of American Psychological Association (APA) style in the course.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 and successful completion of a CI course. SEE Certification: Writing Intensive. Offered: Spring.

CM 253 - Journalism I (3 credits)

Introduces students to the fundamentals of journalism: research; interview techniques; writing and editing news, sports, and features; basic layout design; and computer compositing. The course also covers journalistic ethics and legal issues connected with newspaper publishing. Students learn to write news stories and features, using the Associated Press style and standards. Students perform a variety of tasks associated with publishing The Villager, the university newspaper, and they prepare a writing portfolio used for professional advancement and assessment. Restricted to business communication and English language and literature majors.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Cross-Listed as: ENG 253. Offered: Fall.

CM 254 - Journalism II (3 credits)

Continues the theory and practice of journalism compositing and layout begun in CM253/ENG253. Students learn interview and reporting strategies that produce in-depth reporting and feature writing. Students begin editorial, review, and commentary writing, and they continue to work on portfolios and on the production of the university news site.

Prerequisite: A grade of C or better in CM 253/ENG 253. Cross-Listed as: ENG 254. SEE Certification: Writing Intensive. Offered: Spring.

CM 255 - Small Group Communication (3 credits)

Examines theories, research, and case studies of small group and team communication. Students engage in exercises that help them to move from theoretical discussions into application and experience of the concepts presented.

Prerequisite: A grade of C or better in CM 101 and prior CM courses. SEE Certification: Social Science. Offered: Spring.

CM 260 - Business and Professional Communication (3 credits)

Focuses on practice in effective speaking and writing within the contexts of business and related professions.

Prerequisite: A grade of C or better in CM 101 and prior CM courses. Offered: Fall and Spring.

CM 265 - Event Planning and Publicity (3 credits)

Examines the many facets of creating, planning and executing an event, including managing the budgeting, marketing, site selection and affiliated costs. Students in this course devise and analyze specific communication strategies connected to event planning, such as targeting media and audiences.

Prerequisite: A grade of C or better in a 100-level CM course. Offered: Fall.

CM 270 - New Media Communication (3 credits)

Examines the paths through which new technologies are integrated into society. This course analyzes what new media are, how they originate, and ways in which communication through them presents challenges. It also distinguishes, explores and assesses new media, the ways in which they impact communication, and the skills necessary to understand and consume new media.

Prerequisite: A grade of C or better in a 100-level CM course. Offered: Spring.

CM 275 - Principles and Practices of Public Relations (3 credits)

Examines the historical roots of public relations combined with the legal, ethical, and professional responsibilities of public relations practitioners. This course explores the process of public relations, including the research, planning, action and communication, and evaluation of public relations initiatives. Through critical analysis of contemporary public relations case studies, students will assess and interpret both the successes and failures of for-profit and non-profit public relations organizations.

Prerequisite: A grade of C or better in a 100-level CM course. Offered: Fall.

CM 290 - Internship Preparation (1 credit)

Prepares students to seek and obtain internships and future employment opportunities. Students research internship opportunities, organize and write résumés, outline internship goals and objectives, and practice interviewing skills. Students will analyze their personal abilities, skills, experiences, and communication strategies in terms of professional standards and market needs.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Offered: Spring.

CM 300 - Advanced Public Speaking (3 credits)

Provides an in-depth approach to planning, developing and delivering professional presentations. Students will also study rhetorical principles and models of speech composition.

Prerequisite: A grade of C or better in CM 101 and a 200-level CM course. Offered: Fall.

CM 303 - Feature Writing (3 credits)

Expands basic journalism skills, applying professional standards to student writing. Students will learn to write critical reviews; profile, travel and service articles; and a personal experience article. Students will read and comment on current noteworthy and award-winning feature writing, both from magazines and newspapers. Additionally, students will write a final paper and query letter intended for publication.

Prerequisite: A grade of C or better in CM 253/ENG 253 or permission of the instructor. Cross-Listed as: ENG 303. SEE Certification: Writing Intensive. Offered: Fall.

CM 304 - Magazine Writing and Publishing (3 credits)

Allows students to further develop both their journalistic writing skills and their creative skills by creating and writing for a class magazine. Through analysis of the history of magazines and the study of current noteworthy magazine articles and trends, students will become acquainted with magazine article writing and analysis. Students will explore all aspects of magazine production.

Prerequisite: A grade C or better in CM 253/ENG 253 or CM 303/ENG 303 or permission of the instructor. SEE Certification: Writing Intensive. Offered: Spring.

CM 305 - Journalism Practicum (3 credits)

Engages student editors or senior staff writers of The Villager. Students write news, commentary, editorials, features, and sports stories. They also design, edit, proofread, and copyedit each section of the paper. As needed, they take photographs, design and sell advertising, and create databases for billing. This course may be repeated for credit.

Prerequisite: A grade of C or better in CM 254/ENG 254 or permission of instructor. Cross-Listed as: ENG 305. Offered: Fall and Spring.

CM 310 - Conflict Resolution and Negotiation (3 credits)

Focuses on conflict as inevitable and mainly productive. Students will examine definitions of conflict and develop knowledge and skills to recognize and manage conflict. Through theory, case studies, and practice, students will be given the opportunity to understand conflict in various contexts, for example, within themselves, in relationships, and in organizations.

Prerequisite: A grade of C or better in CM 101 and prior CM courses. Offered: Fall.

CM 314 - Public Relations Writing (3 credits)

Examines the fundamentals and practices of public relations in addition to composing specific public relations written works. Students will read, analyze, and discuss current public relations and media case studies. Additionally, students will create and write a press kit for a company, which will include writing a press release, backgrounder, newsletter, brochure, fact sheet, and radio spots for their intended media.

Prerequisite: A grade of C or better in at least one CI course, CM 253/ENG 253, and CM 275. SEE Certification: Writing Intensive. Offered: Fall and Spring.

CM 315 - Communication Theory (3 credits)

Builds on the foundational knowledge of the field of communication. Students move into in-depth inquiry of specialized areas. The course will introduce students to major subfields and detail the construction, components, and applications of primary theories of communication.

Prerequisite: A grade of C or better in CM 101 or CM 120. Offered: Spring.

CM 323 - Writing for the Web (3 credits)

Develops skills in writing for online media, with a focus on the Internet's non-linear, visual, and collaborative possibilities. Students analyze a variety of web texts, learn the basic steps of developing a target audience, and produce personal, expository, and collaborative texts tailored to specific areas of interest through the development of a consistent voice and style.

Prerequisite: A 200-level Writing Intensive course. SEE Certification: Writing Intensive. Offered: Spring.

CM 331 - Nonverbal Communication (3 credits)

Explores the nature and functions of nonverbal communication. The course identifies a broad spectrum of types of nonverbal communication, explains their uses and impact within a variety of encounters, and examines the development and competent practices of nonverbal communication in different cultures and contexts.

Prerequisite: A grade of C or better in CM 206. Offered: Fall.

CM 380 - The Advertising Campaign (3 credits)

Covers advertising campaigns and their many forms including print, radio, television, billboards, and websites. Students will learn the principles of advertising, positioning in the marketplace, creation of an identity for a company, branding, and creative techniques. Students will read contemporary case studies and complete a semester-long project in which they investigate a company's successful and unsuccessful advertising campaigns. Through analysis and critical review of this company, students will then pitch a new advertising campaign that they have specifically created for the company.

Prerequisite: A grade of C or better in a 100- or 200-level CM course and MKT 206 or permission of department chair. Offered: Fall.

CM 390 - Organizational Communication (3 credits)

Explores the connections between organizations and communication. Organizational communication will be introduced to students at philosophical, theoretical, and practical levels through discussions, papers, oral presentations, and group projects. Topics to be covered include, but are not limited to, supervisor-employee

communication, networks, leadership, power, organizational cultures, and diversity in organizational processes.

Prerequisite: A grade of C or better in CM 205. Offered: Spring.

CM 401 - Internship (Variable credits; minimum 3 credits required)

Provides the opportunity for students to gain career-related experience in a professional environment outside of the classroom. Students identify opportunities and apply for internships independently. Student placements must be approved before the start of the internship. The internship coordinator offers faculty oversight of the academic component and guidance of the on-site internship. Students demonstrate achievement of goals with a daily journal, a self-evaluation, a site evaluation, and an on-site visit from the internship coordinator. Students must complete 120-hours in their internship.

Prerequisite: A grade of P in CM 290 or permission of the instructor. Offered: Fall, Spring, and Summer.

CM 402 - Special Topics in Communication (3 credits)

Rotates concepts covering various aspects of communication that build upon and extend ideas addressed in the existing communication courses. Topics will vary but may include communication in the media, gender differences in communication, and the politics of communication. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in CM 101. Offered: Fall or Spring, as needed.

CM 440 - Persuasion Theory (3 credits)

Provides a comprehensive analysis of the theory and praxis of persuasion. Students will deconstruct how persuasion is embedded in our communicative interactions, both in its production by persuaders and its consumption by the audiences they seek to persuade. Communication ethics, as a response and responsibility in all persuasive interactions, will be stressed. Students in this course will identify persuasive intent in communication, and evaluate how persuasion impacts our practical decision-making.

Prerequisite: A grade of C or better in CM 205. Offered: Fall.

CM 445 - Communication and Leadership (3 credits)

Provides students with an opportunity for analysis and application of communication theories to leadership practices. The course explores the exercise of leadership within multiple contexts and with multiple audiences from a communication perspective. Students will analyze communication aspects of leadership processes in areas including, but not limited to, motivation, power, and problem-solving.

Prerequisite: A grade of C or better in CM 315. Offered: Spring.

CM 460 - Communicating Identities (3 credits)

Examines identities at the intersections of communication and race, class, gender, sexuality, ability, nationality, ethnicity, and religion, among others. Students will consider the ways we frame, engage with, and perform identities as well as the ways we ascribe and co-construct identities in relation to others. Students will study how identities and their intersections are represented in media, and the relationship between identities and language, power, and cultural ideologies.

Prerequisite: A grade of C or better in CM 205 and CM 211. Offered: Fall.

CM 490 - Communication Capstone (3 credits)

Provides an academic capstone for communication majors, and generally will focus on the practical application of knowledge and skills gained throughout the program. The communication concepts will be investigated thoroughly in research-based projects. Through written projects and presentations, students will demonstrate their mastery of the communication curriculum by applying communication constructs in real world, career-based contexts, and develop solutions for current ethical and professional issues.

Prerequisite: Senior status. SEE Certification: Writing Intensive. Offered: Spring.

CMH - Community Health

CMH 210 - Introduction to Community Health (3 credits)

Introduces a population perspective on health and evidence-based methods to address health concerns of U.S. society. Topics include the roles of health services providers, health indicators and disparities, and how health is presented to the public.

Prerequisite: ENG 152 or ENG 153 (either course may be taken concurrently with CMH 210). SEE Certification: Social Science. Offered: Spring, as needed.

EC - Economics

EC 110 - Economics of Public Issues (3 credits)

Provides students the opportunity to better understand the fundamentals of economic literacy through the examination of current social topics and controversies. This course will provide basic tools to analyze current public and social issues. These topics include poverty, discrimination, big business, education, and the environment. This course examines the role of government with regards to taxes, national debt, free trade, and entitlement programs.

Prerequisite: None. SEE Certification: Social Science. Offered: Fall or Spring, as needed.

EC 201 - Principles of Macroeconomics (3 credits)

Examines the basic economic principles of the aggregate economy. Subjects covered include the essentials of

aggregate demand and supply, government spending and taxation, national income accounting, analysis of unemployment and inflation, money and banking, fiscal and monetary policy, analysis of economic growth, and an overview of the international economy.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 and placement in MATH 135 or higher.. SEE Certification: Social Science. Offered: Fall and Spring.

EC 202 - Principles of Microeconomics (3 credits)

This course examines the basic economic principles governing the decisions of the economic agent. Topics include product and factor markets, as well as pricing decisions. In addition, government policies and the trade-off between efficiency and equity are examined.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 and placement in MATH 135 or higher. SEE Certification: Social Science. Offered: Fall and Spring.

EC 240 - Environmental Economics (3 credits)

Examines the state of our environmental resources (domestic and global), the reasons and the implications for the degradation of these resources, and the ways in which human behavior affects the quality of the environment. An emphasis is placed on measuring, valuing, and designing public policies aimed at improving environmental quality via cost-benefit analysis. The economic and social consequences of these policies are also discussed.

Prerequisite: A grade of C or better in EC 202. Offered: Fall, as needed.

EC 321 - Money and Banking (3 credits)

Examines the role and functions of a central bank in achieving the macroeconomic goals of price stability, full employment, financial market stability, and exchange rate stability. Topics include the role of money in the economy, the role of financial intermediaries and markets in the economy, general history of depository regulation, background on the causes and effects of a financial crisis on the economy, and the effect of the global financial markets on a domestic economy.

Prerequisite: A grade of C or better in EC 201 and EC 202. Cross-Listed as: FIN 321. Offered: Fall.

EC 335 - Health Economics (3 credits)

Examines how economists explain the health care industry. Topics include the effects of market forces on health care, resource markets, and government health care policy. Supply and demand, market structure, and regulatory concepts will be applied to examine these issues.

Prerequisite: A grade of C or better in EC 202. Offered: Fall or Spring, as needed.

EC 340 - Economics of Sports (3 credits)

Examines the sports industry using economic theory. Using economic reasoning, the following questions will be addressed: Are sports leagues a monopoly? Is the NCAA a monopoly? What determines a franchisee's profitability? What is the value of a new stadium to a community? How do labor relations affect a franchise or league?

Prerequisite: A grade of C or better in EC 201 and EC 202. Offered: Spring.

EC 345 - Economics of Gender (3 credits)

Examines the differences in education, family, and career choices between men and women and their effects on economic outcomes, both nationally and internationally. Includes topics such as income and advancement, as well as family outcomes. The differences and their implications will be analyzed using an array of economic models.

Prerequisite: A grade of C or better in EC 201 and EC 202. Offered: Fall or Spring, as needed.

EC 430 - International Economics (3 credits)

Examines the major issues in the area of international trade and their implications regarding global welfare. The major topics discussed include sources of comparative advantage, gains and losses from trade, globalization, and trade policy. The effects of exchange rate and domestic macro policies on global economies are also discussed.

Prerequisite: A grade of C or better in EC 201 and EC 202. Cross-Listed as: INBUS 430. Offered: Fall or Spring, as needed.

EC 450 - Urban Economics (3 credits)

Examines the economic bases for the existence of metropolitan areas. This course will study the economy of the metropolitan area including its growth, income distribution, economic stability, and prospects for renewal. Also covered in this course is an economic analysis of urban problems, with attention given to local, state, and federal policies, including a discussion of New Town planning.

Prerequisite: A grade of C or better in EC 201 and EC 202. Offered: Fall or Spring, as needed.

ED - Education

ED 108 - Learning Experiences for Young Children (3 credits)

Focuses on curriculum development and the design of activities for young children. This course includes activities that foster physical well-being, emotional health, social development, creativity, and language and cognitive skills. Teacher candidates observe, participate, and teach in preschool classrooms one morning per week (ED 108F). Restricted Year 1 Early Childhood Education majors

Prerequisite: None. Corequisite: ED 108F. Offered: Spring.

ED 108F - Year 1 Field Placement (0 credits)

Includes responsibility for developing and teaching lessons to meet the needs of individual students. Field placement includes one morning a week in a partnership school classroom. Restricted: Year 1 Early Childhood Education majors.

Corequisite: ED 108. Offered: Spring.

ED 202F - Year 2 Field Placement I (0 credits)

Includes responsibility for implementing lessons and an integrated curriculum to meet the needs of individual students. Field placement includes one morning a week in a partnership school classroom. Restricted: Year 2 Education majors.

Corequisite: ED 230. Offered: Fall.

ED 203F - Year 2 Field Placement II (0 credits)

Includes responsibility for implementing lessons and an integrated curriculum to meet the needs of individual students. Placement includes one morning a week in a partnership school classroom. Restricted: Year 2 Education majors.

Prerequisite: None. Corequisite: ED 266. Offered: Spring.

ED 205 - Year 2 Seminar (1 credit)

Explores how knowledge of children is critical to being informed and responsive teachers. Students investigate how children's culture and experiences bring unique strengths and needs to the classroom. Students investigate how to use knowledge of children to facilitate safe and inclusive learning environments for all children.

Prerequisite: ED 270. Offered: Spring.

ED 230 - Processes and Acquisition of Reading (3 credits)

Provides teacher candidates with an understanding of the reading acquisition process through observation and analysis of reading and written language development and the study of current issues in reading research. The course is organized around current, accepted, research-based theoretical models that account for individual differences in reading. Introduction to language structures, including spoken syllables, phonemes, graphemes, and morphemes is included in this course. Candidates apply knowledge of the core areas of language to reading acquisition in terms of first and second language learners, typical development and exceptionalities. Candidates are introduced to current scientific research. Candidates observe, participate, and teach in school classrooms one half day per week (ED 202F). Restricted: Year Two Early Childhood and Elementary Education majors

Prerequisite: None. Corequisite: ED 202F. Offered: Fall.

ED 266 - Reading in the Content Areas I: Middle School (3 credits)

Focuses on the reading process, including comprehending, analyzing and extending meaning from tests. Candidates examine the factors that affect reading performance and review the strategies and materials appropriate for each of the purposes of reading. Candidates study the frameworks for planning instruction that prepare students for the reading task, assist in monitoring while reading, and engage students in appropriate follow-up activities. Candidates observe, participate, and teach in school classrooms one half day per week (ED 203F). Restricted: Year 2 Education majors

Prerequisite: None. Corequisite: ED 203F. Offered: Fall.

ED 270 - Curriculum Principles and Practices (3 credits)

Provides theoretical and practical introduction to an understanding of the teaching-learning process. The topics discussed in this course include the role of teacher, planning, and classroom management. Teacher candidates observe, participate, and teach in school classrooms one morning per week (ED 202F). Restricted: Year 2 Education majors

Prerequisite: None. Offered: Fall.

ED 271 - Principles of Assessment (3 credits)

Introduces principles and practices of educational assessment. Teacher candidates examine a variety of assessments, with an emphasis on performance-based assessment. Candidates observe, participate, and teach in school classrooms one morning per week (ED 203F). Restricted: Year 2 Education majors

Prerequisite: None. Offered: Spring.

ED 272 - Principles of Special Education (3 credits)

Provides background in special education principles for the classroom teacher. This course includes information on the requirements of specific disabilities, and how to adapt the curriculum and environment to meet the needs of children with special needs. Teacher candidates examine state and federal legislation and survey-related services and resources. Candidates observe, participate, and teach in school classrooms one morning per week (ED 203F). Restricted: Year 2 Education majors

Prerequisite: None. Offered: Spring.

ED 302 - Year Three Seminar I (0 credits)

Assists candidates in developing a portfolio to highlight candidates' knowledge, skills and dispositions related to the InTASC Standards and the Charlotte Danielson Framework. Includes practice sessions on interview techniques. Restricted: Year 3 Education majors.

Prerequisite: None. Corequisite: ED 305F. Offered: Fall.

ED 303 - Year Three Seminar II (1 credit)

Assists candidates in developing a portfolio to highlight candidates' knowledge, skills and dispositions related to the InTASC Standards and the Charlotte Danielson Framework. Includes practice sessions on interview techniques. Restricted: Year 3 Education majors.

Prerequisite: None. Corequisite: ED 306F. Offered: Spring.

ED 305F - Year 3 Field Placement (0 credits)

Includes responsibility for implementing lessons and an integrated curriculum, assessing learning, and adapting the curriculum to meet the needs of individual students. Placement includes one day a week in a partnership school classroom. Restricted: Year 3 Education majors.

Corequisite: ED 302. Offered: Fall.

ED 306F - Year 3 Field Placement (0 credits)

Includes responsibility for implementing lessons and an integrated curriculum, assessing learning, and adapting the curriculum to meet the needs of individual students. Placement includes one day a week in a partnership school classroom. Restricted: Year 3 Education majors.

Corequisite: ED 303. Offered: Spring.

ED 310 - Year Three Transfer Seminar (0 credits)

Introduces year three transfer students to Stevenson University's Education Program. Topics include the teaching-learning process, the role of the teacher candidate, lesson planning, lesson delivery strategies, classroom management and teaching in a field experience classroom. Students observe, participate and teach in elementary or middle school classrooms one day per week. One hours lecture. Restricted to AAT students

Prerequisite: None. Offered: Fall, as needed.

ED 318 - Methods of Teaching Mathematics: Early Childhood Education (4 credits)

Focuses on methods, materials, and activities for teaching mathematical concepts in early childhood. This course emphasizes developing concrete experiences to introduce and reinforce concepts and developing activities to enhance higher order thinking. Teacher candidates observe, participate, and teach in school classrooms one day per week (ED 305F). Restricted: Year 3 Early Childhood Education majors

Prerequisite: None. Corequisite: ED 305F. Offered: Fall.

ED 319 - Methods of Teaching Science: Early Childhood (3 credits)

Focuses on methods, materials, and activities for teaching science in early childhood. This course emphasizes developing sensory experiences to introduce and reinforce concepts and developing activities to enhance higher order thinking. Teacher candidates observe, participate, and teach in school classrooms one day per week (ED 306F). Restricted: Year 3 Early Childhood Education majors

Prerequisite: None. Corequisite: ED 306F. Offered: Spring.

ED 321 - Methods of Teaching Mathematics: Elementary Education (4 credits)

Focuses on methods, materials, and procedures to help children learn arithmetic meanings and relationships. This course examines organization of subject matter, lesson preparation, and the use of instructional materials that help children understand the number system and mathematical concepts. Candidates observe, participate, and teach in school classrooms one day per week (ED 306F). Restricted: Year 3 Elementary Education majors

Prerequisite: None. Corequisite: ED 306F. Offered: Spring.

ED 331 - Instruction of Reading (3 credits)

Focuses on the fundamentals of research-based best practices and provides familiarity with a representative array of instructional techniques and strategies in the area of reading. Teacher candidates learn instructional routines and techniques to address the five major components of reading instruction (phonological and phonemic awareness; phonics, spelling and word study; fluency development; vocabulary; and comprehension) suitable for various age and ability groups. Attention is given to differentiated instruction to meet the needs of diverse learners. Restricted: Year 3 Early Childhood Education majors.

Prerequisite: A grade of C or better ED 365. Offered: Spring.

ED 341 - Methods for Teaching English Language Arts and Social Studies: Elementary (5 credits)

Examines elementary level curriculum and instruction in the areas of English Language Arts and Social Studies. Teacher candidates design and implement instruction and assessment that reflect state and national standards and Universal Design for Learning (UDL) principles to address the individual learning needs and cultural diversity of all learners. Teacher candidates concurrently observe and implement instruction in field placement classrooms one day per week (ED 306F). Restricted: Year 3 Elementary Education majors

Prerequisite: None. Corequisite: ED 306F. Offered: Spring.

ED 342 - Methods of Teaching STEM: Elementary (3 credits)

Explores the political, economic, social, and pedagogical issues shaping science, technology, engineering, and mathematics (STEM) education. Students apply the content of STEM education as described in the Maryland State STEM Standards of Practice, Maryland College and Career-Ready Standards, Maryland Teacher Technology Standards, and Next Generation Science Standards. Restricted: Year 3 Elementary Education majors

Prerequisite: None. Offered: Fall.

ED 343 - Integrated Methods of Teaching: Early Childhood (4 credits)

Course under development.

Prerequisite: None. Offered: Spring.

ED 350 - Topics in Education (3 credits)

Examines issues related to the education profession that are not covered in depth in Education courses. Emphasis is on developing critical thinking and analytic skills through the study of current education topics. This course may be repeated for credit if topics are different.

Prerequisite: None. Offered: as needed.

ED 360 - Methods of Teaching Science: Middle School (3 credits)

Includes an in-depth study of the philosophy, resources, curriculum, instructional strategies and assessment practices necessary to design a learning environment focused on the developmental characteristics of young adolescents. The course emphasizes state and national science standards, science process skills and the major concepts of life, earth, physical and environmental

sciences. Candidates engage in constructivist teaching methods including: collaboration, 5 E cycle, investigation, inquiry, discovery and project-based learning. The importance of creating and maintaining a safe and supportive science classroom is addressed. Appropriate use of technology and instrumentation to enhance learning is identified. Strategies to make reading in the science classroom purposeful are investigated. Assessment of science processes and contents lead candidates to explore a variety of assessment strategies appropriate to the diverse needs of young adolescent learners. Candidates observe, participate and teach in school classrooms one day per week (ED 305F). Restricted: Year 3 Middle School Education majors.

Prerequisite: None. Corequisite: ED 305F. Offered: Fall.

ED 361 - Methods of Teaching Mathematics: Middle School (4 credits)

Includes an in-depth study of the philosophy, resources, curriculum, instructional strategies and assessment practices necessary to design a learning environment focused on the developmental characteristics of young adolescents. This course emphasizes the National Council of Teachers of Mathematics standards and state standards. Candidates engage in constructivist teaching methods including problem solving, collaboration, investigation, inquiry, discovery and project-based learning. This course includes investigation and application of number sense, ratio, proportion, percent, number theory, data analysis, patterns, and connections to algebra and geometry topics in the context of the middle school mathematics curriculum. Appropriate use of technology, including graphing calculators and software, is identified and explored. Restricted: Year 3 Middle School Education majors

Prerequisite: None. Offered: Spring.

ED 362 - Methods of Teaching English Language Arts: Middle School (3 credits)

Examines middle level curriculum and instruction in the areas of English Language Arts. Teacher candidates design and implement instruction and assessment that reflects state and national standards and Universal Design for Learning (UDL) principles, to meet the needs of young adolescents. Teacher candidates concurrently observe and implement instruction in field placement classrooms one day per week (ED 305F). Restricted: Year 3 Middle School Education majors

Prerequisite: None. Corequisite: ED 305F. Offered: Fall.

ED 363 - Methods of Teaching Social Studies: Middle School (3 credits)

Examines middle level curriculum and instruction in the area of Social Studies. Teacher candidates design and implement instruction and assessment that reflect state and national standards, and Universal Design for Learning (UDL) principles, to meet the needs of young adolescents. Prepares teacher candidates to become effective social studies educators capable of teaching middle school students the content knowledge, intellectual skills, and civic values necessary for fulfilling the responsibilities of citizenship in a participatory democracy. Special attention is given to effective teaching strategies to address the individual and cultural diversity of all learners. Teacher candidates concurrently observe and implement instruction in field placement classrooms one day per week (ED 306F). Restricted: Year 3 Middle School Education majors.

Prerequisite: None. Corequisite: ED 306F. Offered: Spring.

ED 365 - Materials for Teaching Reading (3 credits)

Assists teacher candidates in the selection and evaluation of materials for teaching reading and related skills that are consistent with the findings of scientifically based reading research. Candidates demonstrate an understanding of research-supported programs, approaches and methods, and address different levels of reading proficiency within a classroom to enable students to become strategic, fluent, and independent readers. Candidates are prepared to involve parents and members of the school and surrounding community to promote daily reading inside and outside of school. Candidates observe, participate, and teach in classrooms one day per week (ED 302F). Restricted: Year 3 Early Childhood and Elementary Education majors

Prerequisite: None. Offered: Fall.

ED 367 - Reading in the Content Areas II: Middle School (3 credits)

Focuses on the implementation of a coherent literacy program for young adolescents that supports content area learning. Teacher candidates use a variety of strategies to promote student independence in content area reading. Candidates incorporate methods in the content areas to address the diverse backgrounds of their students, including culture, language (dialect and ESOL), disabilities, and giftedness. Candidates teach lessons in the content areas focused on text-based concept development. Candidates observe, participate and teach in school classrooms one day per week (ED 305F). Restricted: Year 3 Middle School Education majors

Prerequisite: A grade of C or better ED 266. Corequisite: ED 305F. Offered: Fall.

ED 410 - Assessment for Reading Instruction (3 credits)

Assists teacher candidates in becoming proficient consumers and users of classroom-based assessments and assessment data. In this course, instruction focuses on building a knowledge of how to administer and use several valid, reliable, research-based formal and informal assessments of reading and related skills. Teacher candidates also learn how to effectively interpret the results of assessments, and how to communicate assessment results in a variety of contexts. Candidates demonstrate that they can use assessment data to guide instructional decisions. Restricted: Year 4 Early Childhood and Elementary Education majors

Prerequisite: A grade of C or better ED 331. Offered: Fall.

ED 435 - Internship Seminar I (1 credit)

Synthesizes contemporary issues in education and the theory and practice of teaching, with emphasis on classroom management, communication, curriculum planning, assessment, and special education. Restricted: Year 4 Education majors

Prerequisite: None. Offered: Fall and Spring.

ED 436 - Internship Seminar II (3 credits)

Synthesizes contemporary issues in education and the theory and practice of teaching, with emphasis on classroom management, communication, curriculum planning, assessment, and special education. Restricted: Year 4 Education majors

Prerequisite: A grade of C or better ED 435. Offered: Fall and Spring.

ED 440 - Internship I: Early Childhood (4 credits)

Includes responsibility for implementing an integrated curriculum, assessing learning, and adapting the curriculum to meet the needs of individual students. Internship I includes two days in a Professional Development School. Restricted: Year 4 Early Childhood Education majors

Prerequisite: Permission of the department chair. Offered: Fall.

ED 441 - Internship II: Early Childhood (12 credits)

Continues and builds upon Internship I. This course includes responsibility for all aspects of teaching, including planning and implementing the curriculum on both a long-term and daily basis. Internship II includes full-time classroom experience in an early childhood classroom in a Professional Development School. Restriction: Year 4 Early Childhood Education majors

Prerequisite: ED 440. Offered: Spring.

ED 442 - Internship I: Elementary (4 credits)

Includes responsibility for implementing an integrated curriculum, assessing learning, and adapting the curriculum to meet the needs of individual students. Internship I includes two days in a Professional Development School. Restricted: Year 4 Elementary Education majors

Prerequisite: Permission of the department chair. Offered: Fall.

ED 443 - Internship II: Elementary (12 credits)

Continues and build upon Internship I. This course includes responsibility for all aspects of teaching, including planning and implementing the curriculum on both a long-term and daily basis. Internship II includes full-time classroom experience in an elementary classroom in a Professional Development School. Restricted: Year 4 Elementary Education majors

Prerequisite: ED 442. Offered: Spring.

ED 444 - Internship I: Middle School (4 credits)

Provides opportunities for teacher candidates to integrate theory and practice. Candidates demonstrate their ability to effectively implement an integrated curriculum, assess student learning, and adapt the curriculum to meet the needs of young adolescent students. Internship I includes two days in a Professional Development School. Restricted: Year 4 Middle School Education majors

Prerequisite: Permission of the department chair. Offered: Fall.

ED 445 - Internship II: Middle School (12 credits)

Continues and builds upon Internship I. This course includes responsibility for all aspects of teaching, including planning and implementing the curriculum on both a long-term and daily basis. Internship II includes full-time classroom experience in a middle school classroom in a Professional Development School. Restricted: Year 4 Middle School Education majors

Prerequisite: ED 444. Offered: Spring.

ENG - English

Note: SAT verbal scores and college placement tests determine a student's first semester English requirements. Advanced placement credit may be given based on the Advanced Placement tests given by the College Entrance Examination Board. (See "Placement" in the *Admissions* (p. 28) section of this catalog.) All students must establish evidence of writing competence by achieving a minimum grade of "C" in ENG 150 or ENG 151 and ENG 152 or ENG 153 or by presenting AP or IB credit before proceeding to other English courses or graduating from the University. Except in the case of students who enter as transfers with writing and literature course credits from previous semesters, all writing courses must be taken at Stevenson University.

ENG 006# - College Reading Lab (0 credits)

Emphasizes college-level reading, effective study skills, and methods of developing a college-level vocabulary. This course is designed to help students be more efficient in heavy reading courses. Three hours lecture required each week.

Note: Students are placed into this course on the basis of standardized test scores and/or placement test results. Students must receive a grade of C or better in ENG 006#.

Offered: Fall, Spring, and Summer.

ENG 150 - College Writing I (3 credits)

Develops students' academic literacy skills, such as critical reading, description, summary, and analysis, to aid in their ability to compose clear, coherent texts that demonstrate recognition of rhetorical concerns such as purpose, audience, and genre. This course requires students to develop compositions over multiple drafts and to engage in research practices informed by key principles of information literacy. Additionally, this course offers students support in grammar, sentence construction, and paragraph development.

Prerequisite: Placement. Offered: Fall, Spring, and Summer.

ENG 151 - College Writing I (3 credits)

Develops students' academic literacy skills, such as critical reading, description, summary, and analysis, to aid in their ability to compose clear, coherent texts that demonstrate attention to rhetorical concerns such as purpose, audience, and genre. This course requires students to develop compositions over multiple drafts and to engage in research practices informed by key principles of information literacy.

Note: Students must receive a grade of C or better in ENG 150 or ENG 151 before continuing to ENG 152 (if only ENG 151 was required). Students must receive a grade of C or better in both ENG 150 or ENG 151 and ENG 006# if both courses were required.

Prerequisite: By placement. Offered: Fall only.

ENG 152 - College Writing II (3 credits)

Develops students' advanced composition and literacy skills, such as interpretation, synthesis, critique, and design/redesign as they engage with texts that allow them to explore the complexities of multiple cultural perspectives and negotiate their own beliefs and values in relation to others' worldviews.

Prerequisite: A grade of C or better in ENG 150 or 151. Offered: Fall, Spring, and Summer.

ENG 153 - Honors Writing Seminar (4 credits)

Strengthens the ability to write clear, coherent, and well-developed expository arguments in response to literary texts. This course requires close reading of poetry, drama, and fiction texts that display a range of cultures, identities, and perspectives, and includes instruction and practice in research methods. Writing assignments emphasize critical thinking and analysis, asking students to read and respond to literary texts in various contexts including historical events, ethical issues, and social movements. Note: Restricted to students in the Honors Program.

Prerequisite: Placement. Offered: Fall and Spring.

ENG 160 - Introduction to Literary Studies (3 credits)

Introduces students to the study and analysis of literature through critical methodologies that focus on text, reader, or context. Students develop interpretive skills through application of approaches such as Formalist, Rhetorical, Reader-Response, and Historical/Cultural.

Prerequisite: A grade of C or better in ENG 151 or ENG 153. SEE Certification: Humanities. Offered: Spring.

ENG 180 - Storytelling (3 credits)

Provides students with fundamentals of creative personal and professional storytelling created for specific audiences and settings, using modes and technologies such as oral, textual, visual, or multimodal. Students will engage in reflection, invention, development, and revision to deliver rhetorically effective stories.

Prerequisite: None. SEE Certification: Communication Intensive. Offered: Fall or Spring, as needed.

ENG 222 - Writing and Education (3 credits)

Provides study and practice in advanced academic writing and in peer editing. Students read texts that focus on education and that present problems associated with writing and the teaching of writing. Students will write essays that respond to these problems. They will then peer edit these essays to gain experience with the acts of assessment and the acts of communication essential to the teaching of writing.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Writing Intensive. Offered: Fall.

ENG 224 - Introduction to Creative Writing (3 credits)

Introduces students to basic literary techniques in poetry, fiction, and non-fiction and to their use. Students will compose brief original texts in each genre and critique them in group workshops.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Writing Intensive and Fine Arts. Offered: Fall, Winterim, and Spring.

ENG 225 - Topics in Creative Writing (3 credits)

Introduces students to basic literary techniques while focusing on a particular subgenre within creative writing. (Ex: ekphrastic writing; writing for videogames; writing young adult literature.) Students will compose brief original texts in the subgenre and critique them in group workshops.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Writing Intensive and Fine Arts. Offered: Fall, Winterim, Spring, and Summer.

ENG 231 - Style and Editing (3 credits)

Examines the English language as a medium of communication dependent upon linguistic structures that produce a wide range of verbal expression. Students will analyze the language choices and styles of a variety of texts. Students will also practice editing according to word choice, sentence structure, punctuation, and other textual features.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Offered: Fall, even years.

ENG 240 - Historical Perspectives (3 credits)

Studies selected works of British, American, or World literature that illustrate an aesthetic and/or cultural change from one literary period to another. Students read texts closely and analyze them as representative samples of the aesthetic and/or cultural values across literary periods. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

ENG 253 - Journalism I (3 credits)

Introduces students to the fundamentals of journalism: research; interview techniques; writing and editing news, sports, and features; basic layout design; and computer

compositing. The course also covers journalist ethics and legal issues connected with newspaper publishing. Students learn to write news stories and features, using the Associated Press style and standards. Students perform a variety of tasks associated with publishing The Villager, the university newspaper, and they prepare a writing portfolio used for professional advancement and assessment. Restricted to business communication and English language and literature majors.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Cross-Listed as: CM 253. Offered: Fall.

ENG 254 - Journalism II (3 credits)

Continues the theory and practice of journalism compositing and layout begun in CM253/ENG253. Students learn interview and reporting strategies that produce in-depth reporting and feature writing. Students begin editorial, review, and commentary writing, and they continue to work on portfolios and on the production of the university news site.

Prerequisite: A grade of C or better in CM 253/ENG 253. Cross-Listed as: CM 254. SEE Certification: Writing Intensive. Offered: Spring.

ENG 256 - Introduction to Digital Publishing (3 credits)

Introduces students to the principles of editing, content creation, and design of online publications. Students assess their current use of digital materials and build upon this practical knowledge base by developing an introductory knowledge of media theory. Students acquire the fundamental skills needed to produce web-based publications and the course culminates in the collaborative production of a digital text.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Writing Intensive and Humanities. Offered: Fall and Spring.

ENG 281 - Topics in Literature (3 credits)

Studies selected topics that recur in literature across time and/or across cultures. Students read texts closely and analyze them as representative samples of the literary treatment of the topic. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall, Winterim, and Spring.

ENG 282 - Literary Genres: Youth Literature (3 credits)

Introduces students to a range of literature written for children or for young adolescents and to the critical approaches appropriate to interpreting these works. Students examine the contributions this literature can make to the development of young readers through its ability to dramatize the essential conflicts of childhood and adolescence, to build a knowledge base of historical and cultural information, and to introduce and describe the values and customs of other cultures. Restricted to education majors or by permission of the English department chair.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

ENG 286 - Literary Genres: The Short Story (3 credits)

Studies the development and/or the form of the short story. Students read texts closely and analyze them according to the conventions and definitions of the genre.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

ENG 287 - Literary Genres: Poetry (3 credits)

Studies the development and/or form of poetry. Students read texts closely and analyze them according to the conventions and definitions of the genre.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

ENG 288 - Literary Genres: Drama (3 credits)

Explores the elements of drama (plot, character, dialog, theme, and staging) using examples from world literature. Students study plays from different periods of theatre history representing the basic types of drama. Students examine various approaches to the analysis and interpretation of plays and develop skill in writing responses to scripts and live productions. Fee: Theatre tickets

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Cross-Listed as: THEA 288. SEE Certification: Humanities. Offered: Fall.

ENG 289 - Literary Genres: The Novel (3 credits)

Studies the development and/or form of the novel. Students read texts closely and analyze them according to the conventions and definitions of the genre.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

ENG 303 - Feature Writing (3 credits)

Expands basic journalism skills, applying professional standards to student writing. Students will learn to write critical reviews; profile, travel and service articles; and a personal experience article. Students will read and comment on current noteworthy and award-winning feature writing, both from magazines and newspapers. Additionally, students will write a final paper and query letter intended for publication.

Prerequisite: A grade of C or better in ENG 253/CM 253 or permission of the instructor. Cross-Listed as: CM 303. SEE Certification: Writing Intensive. Offered: Fall.

ENG 304 - Magazine Writing and Publishing (3 credits)

Allows students to further develop both their journalistic writing skills and their creative skills by creating and writing for a class magazine. Through analysis of the

history of magazines and the study of current noteworthy magazine articles and trends, students will become acquainted with magazine article writing and analysis. Students will explore all aspects of magazine production.

Prerequisite: A grade of C or better in ENG 253/CM 253 or ENG 303/CM 303 or permission of the instructor. Cross-Listed as: CM 304. SEE Certification: Writing Intensive. Offered: Spring.

ENG 305 - Journalism Practicum (3 credits)

Engages student editors or senior-staff writers of The Villager. Students write news, commentary, editorials, features, and sports stories. They also design, edit, proofread, and copyedit each page of the paper. As needed, they take photographs, design and sell advertising, and create databases for billing. This course may be repeated for credit.

Prerequisite: A grade of C or better in CM 254/ENG 254 or permission of instructor. Cross-Listed as: CM 305. Offered: Fall and Spring.

ENG 314 - Public Relations Writing (3 credits)

Examines the fundamentals and practices of public relations in addition to composing specific public relations written works. Students will read, analyze, and discuss current public relations and media case studies. Additionally, students will create and write a press kit for a company, which will include writing a press release, backgrounder, newsletter, brochure, fact sheet, and radio spots for their intended media.

Prerequisite: A grade of C or better in at least one CI course, CM 253/ENG 253, and CM 275. Cross-Listed as: CM 314. SEE Certification: Writing Intensive. Offered: Fall and Spring.

ENG 324 - Creative Writing: Non-Fiction (3 credits)

Examines a range of forms, devices, and strategies in non-fiction writing, drawing upon the work of historical and contemporary authors. Students compose original non-fiction texts, shared in group workshop critiques that emphasize processes of close reading and revision.

Prerequisite: A grade of C or better in ENG 224, ENG 286, or ENG 289. SEE Certification: Writing Intensive. Offered: Fall and Spring.

ENG 325 - Creative Writing: Fiction (3 credits)

Examines a range of forms and strategies in fiction writing, drawing upon the work of historical and contemporary authors. Students compose original short stories, shared in group workshop critiques that emphasize processes of close reading and revision.

Prerequisite: A grade of C or better in ENG 224, ENG 286, or ENG 289. SEE Certification: Writing Intensive. Offered: Fall.

ENG 326 - Creative Writing: Poetry (3 credits)

Examines a range of poetic forms and strategies, drawing upon the work of historical and contemporary authors. Students compose original poems, shared in group workshop critiques that emphasize processes of close reading and revision.

Prerequisite: A grade of C or better in ENG 224 or ENG 287. SEE Certification: Writing Intensive. Offered: Spring.

ENG 331 - Design Your Career (3 credits)

Guides students in designing their careers. Students will explore a variety of career options, assess their current skills, and identify skills they need to acquire to be successful applicants for internships, jobs, or graduate school. Students will also prepare a plan for attaining the skills they lack, focusing on future coursework and internship opportunities; they will additionally consider volunteer work, club activities, publishing, and other professional experiences. Restricted to English language and literature majors.

Prerequisite: A grade of C or better in any 200-level ENG course. Offered: Spring, even years.

ENG 332 - Advanced Critical Approaches to Literature (3 credits)

Builds on the methodological skills of ENG 160: Introduction to Literary Studies. Students focus on application of broader ideological approaches, such as New Historicist, Structuralist, Poststructuralist, Marxist, Psychoanalytic, Feminist, Postcolonial, Queer, Gender, and Race. Restricted to English language and literature majors and minors and interdisciplinary studies majors with English as one of their disciplines.

Prerequisite: A grade of C or better in ENG 160. Offered: Fall, odd years.

ENG 334 - Advanced Non-Fiction Workshop (3 credits)

Acts as an advanced workshop in non-fiction writing. Students learn to use and evaluate a range of nonfiction prose forms, genres, and strategies, drawing upon the work of historical and contemporary authors. They compose original essays and other creative nonfiction texts, shared in workshop critiques that emphasize processes of close reading and revision.

Prerequisite: A grade of C or better in ENG 324. SEE Certification: Writing Intensive. Offered: Fall and Spring.

ENG 335 - Advanced Fiction Workshop (3 credits)

Acts as an advanced workshop in fiction writing. Students produce original fiction and self-assess goals for further creative writing projects, researching literary markets for publication opportunities, formulating publication strategies, extending revision techniques, and appraising issues of literary voice, thematic articulation, reflexivity, and narrative design. By practicing collaborative critique, students revise work to a professional standard and develop story sequences and/or novel chapters, submitted in course portfolios.

Prerequisite: A grade of C or better in ENG 325. SEE Certification: Writing Intensive. Offered: Fall and Spring.

ENG 336 - Advanced Poetry Workshop (3 credits)

Acts as an advanced workshop in poetry writing. Students produce original poetry and self-assess goals

for further creative writing projects, researching literary markets for publication opportunities, formulating publication strategies, extending revision techniques, and appraising issues of literary voice, thematic articulation, and formal design. By practicing collaborative critique, students revise work to a professional standard and develop poems or poem sequences, submitted in course portfolios.

Prerequisite: A grade of C or better in ENG 326. SEE Certification: Writing Intensive. Offered: Fall and Spring.

ENG 337 - Advanced Writing: Topics (3 credits)

Develops advanced writing skills and strategies for composing texts focused on a specified topic, issue, or theme. Students learn conventions of writing genres in wide use in the contemporary marketplace and produce original topic-focused texts, emphasizing processes of close reading, workshop, and revision. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in a 200-level ENG course. SEE Certification: Writing Intensive. Offered: Fall or Spring.

ENG 338 - Writing for Professions: Topics (3 credits)

Develops advanced writing skills and strategies for composing texts in genres specific to a selected industry. Students learn conventions of genres associated with specialized industry settings and produce original texts, emphasizing process of analysis, workshop, and revision. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in a 200-level ENG course. SEE Certification: Writing Intensive. Offered: Fall or Spring, as needed.

ENG 340 - Period Studies (3 credits)

Examines a select group of texts representative of the discourse of a particular place at a particular time. Students will analyze texts as responses and contributions to the historical context of the period and the culture. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in one 200-level literature course. SEE Certification: Humanities. Offered: Fall and Spring.

ENG 381 - Themes in Literature (3 credits)

Examines a select group of texts that focus upon a significant theme whose problematic nature has drawn attention across time and/or across cultures. Students will analyze texts as literary responses to and/or influences upon that problematic theme. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in one 200-level literature course. SEE Certification: Humanities. Offered: Fall and Spring.

ENG 385 - Literary Genres: Special Topics (3 credits)

Examines a select group of texts that represent a type of literature that may exist within a formal genre or across several genres. Students will analyze these texts as examples of the conventions of form and/or content that define the type. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in one 200-level literature course or THEA 241. SEE Certification: Humanities and Writing Intensive. Offered: Fall or Spring.

ENG 401 - Major Author (3 credits)

Explores the aesthetic, cultural, and/or historical contexts relevant to a specific author. Students select their own critical framework for studying the author's work, integrating evaluation, critical theory and secondary sources into their final analysis.

Prerequisite: A grade of C or better in one 300-level literature course and ENG 332. SEE Certification: Writing Intensive. Offered: Fall and Spring.

ENG 402 - Major Work (3 credits)

Explores the aesthetic, cultural, and/or historical contexts relevant to a specific literary work. Students select their own critical framework for studying the work, integrating evaluation, critical theory, and secondary sources into their final analysis.

Prerequisite: A grade of C or better in one 300-level literature course and ENG 332. SEE Certification: Writing Intensive. Offered: Fall and Spring.

ENG 403 - Writing Capstone (3 credits)

Acts as the culminating course for students in literature, creative writing, or professional writing. Students synthesize their knowledge and practice by proposing and completing a supervised research and writing project of their own devising. By permission only. This course is repeatable for credit.

Prerequisite: A grade of C or better in ENG 332 and one additional 300-level course. SEE Certification: Writing Intensive. Offered: Fall or Spring.

ENG 404 - Professional Writing Capstone (3 credits)

Acts as the culminating course for students pursuing academic and professional interests in journalism. By producing and submitting articles for publication, students synthesize their knowledge of journalistic writing, practice, and publication strategies in preparation for success in the next stage of their academic and professional careers.

Prerequisite: A grade of C or better in ENG 303 and in either ENG 304 or ENG 314. Offered: Spring.

ENG 420 - English Capstone: Internship (3 credits)

Acts as the capstone course for the major. Students demonstrate their status as self-improving and self-assessing learners by defining, acquiring, completing, and evaluating an internship experience and by integrating

this experience into an evaluation of their preparedness for graduation, for the beginning of their careers, and for an active life of learning beyond the classroom.

Prerequisite: A grade of C or better in ENG 331 and senior status. Offered: Fall and Spring.

ENV - Environmental Science

ENV 150 - Society and the Environment (3 credits)

Examines several important environmental issues, exploring scientific, social, ethical, political, and economic forces that underlie environmental conflicts. The role of scientific information in policy making will be emphasized. Topics such as biodiversity, population growth, agriculture, energy, and pollution will be explored. Case studies will focus on how to move toward sustainability.

Prerequisite: Eligibility for MATH 135. SEE Certification: Scientific Reasoning. Offered: Fall and Spring.

ENV 165 - Science of the Chesapeake Bay (4 credits)

Focuses on the ecosystems and ecological processes that are important to the Chesapeake Bay. Topics covered include the geological formation of the Bay, basic nutrient and chemical cycles, identifying major ecosystems (wetlands, salt marshes, and deep water). Students will learn how all the ecosystems function and interact, the interface between terrestrial and aquatic ecosystems, the importance of watersheds, and priorities for future policy and planning initiatives. Laboratory introduces or reinforces topics that are covered in class. Laboratory included. Restricted to non-science majors Fees: Fees may be required for field trips.

Prerequisite: Eligibility for MATH 135 or higher. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

ENV 213 - Ecology (4 credits)

Focuses on the relationship between organisms and their environment, including plant and animal structures and how humans affect ecological succession. Field studies of forest, grassland, wetlands, and other local ecosystems are fully integrated with the lecture. Laboratory included. Fees: Fees may be required for field trips.

Prerequisite: A grade of C or better in BIO 115, ENV 150, ENV 165, or PHYS 115. Offered: Fall, even years.

ENV 255 - Techniques in Environmental Science (3 credits)

Introduces the theory and practical application of techniques and equipment used to study natural systems, including terrestrial and aquatic habitats. Focuses on the collection and analysis of data relevant to today's environmental scientist by collaborating with local and regional partners engaged in studying the environment. The presentation of the results of scientific studies in both written and oral formats is emphasized. Students are expected to work outdoors in a variety of conditions and may be asked to travel to off-campus sites. Fees: Fees may be required for field trips.

Prerequisite: A grade of C or better in ENV 150 or ENV 165 or PHYS 115 or BIO 115, which may be taken concurrently. Offered: Spring, odd years.

ENV 260 - Forest Ecology and Management (4 credits)

Emphasizes the ecology and management of forest ecosystems. Students will study the forest environment, structure, function, and dynamics with an emphasis on anthropogenic influences and management. This course introduces silvicultural systems and practices and their underlying ecological basis while providing fundamentals for forest management decision making in the context of sustainability and conflicting demands. Included laboratory will practice and apply concepts discussed in lecture. Fees: Fees may be required for field trips.

Prerequisite: A grade of C or better in BIO 115 or ENV 150 or ENV 165 or PHYS 115. Offered: Spring, even years.

ENV 275 - Environmental Science (3 credits)

Examines the interaction of humans with their environment. Basic ecological concepts underlying environmental science are integrated with historical, economic, ethical, and sociological concepts and applied to current and future environmental challenges. A case-study approach is emphasized. Topics covered include biodiversity, global climate change, population growth, energy use, pollution, environmental policy, resource management, and sustainable development.

Prerequisite: A grade of C or better in BIO 115 or ENV 150 or ENV 165 or PHYS 115. Offered: Fall, odd years.

ENV 280 - Environmental Soil Science (4 credits)

Examines the physical, chemical, and biological properties of soils and how they relate to plant growth, land use, and environmental quality. Field and laboratory activities include observational and quantitative determination of soil properties. Laboratory included. Fees: Fees may be required for field trips.

Prerequisite: A grade of C or better in BIO 115 or ENV 150 or ENV 165 or PHYS 115. Offered: Spring, even years.

ENV 285 - Geographic Information Systems (3 credits)

Introduces the concepts and theories behind Geographic Information Systems (GIS) with emphasis on the nature of spatial data and geographic information, geographic data input, manipulation, and storage, simple spatial analysis and modeling techniques, and cartographic layout. Utilizes GIS to visualize, analyze, and interpret spatial data to solve problems.

Prerequisite: A grade of C or better in BIO 115 or ENV 150 or ENV 165 or PHYS 115. Offered: Fall, even years.

ENV 310 - Freshwater Ecosystems (4 credits)

Focuses on the physical, chemical and biological processes that create and shape freshwater habitats (lakes, streams, and rivers). Students will learn about the interaction of freshwater organisms with their biotic and

abiotic environment and how morphological, physiological and behavioral adaptations allow for their survival in these systems. The interaction between aquatic and surrounding terrestrial systems will be studied. Students will use techniques, equipment and methodology of field biology to test hypotheses regarding freshwater systems and the major groups of aquatic plants, invertebrates, and vertebrates within local freshwater habitats.

Prerequisite: A grade of "C" or better in BIO 115 or a 200-level ENV course. Offered: as needed.

ENV 320 - Environmental Science Field Studies (3 credits)

Provides students an opportunity to observe and analyze unique ecosystems firsthand. Students will travel to one or more destinations where the functions and interactions of various ecosystems can be studied. Students will develop pertinent research questions, collect data from the field, and interpret and present their findings. The dynamic interaction between humans and the environment will be analyzed, including how humans influence the environment and how ecosystems shape the development of resident cultures. Minimum sophomore standing. Fees: Expenses, including travel and lodging, passport and vaccination fees may be required.

Prerequisite: Minimum sophomore standing. SEE Certification: Scientific Reasoning-Laboratory. Offered: as needed.

ENV 330 - Conservation Biology (3 credits)

Focuses on the conservation of species, habitats, and ecosystems. Topics covered include wildlife population biology, conservation genetics, invasive species, wildlife refuges and protected areas, economic valuation of ecosystems, and conservation policy.

Prerequisite: A grade of C or better in BIO 115 or a 200-level ENV course. Offered: Fall, even years.

ENV 360 - Wildlife Ecology and Management (4 credits)

Examines the theories and practices of wildlife management. Focus is on the application of these practices as part of a broader approach to wildlife conservation, including urban wildlife management. Laboratory included. Fees: Fees may be required for field trips

Prerequisite: A grade of C or better in BIO 115 or a 200-level ENV course. Offered: Spring, even years.

ENV 362 - Independent Research Experience in Environmental Science (2credits)

Provides an opportunity to conduct independent research under the supervision of a faculty member. This course may be repeated for credit. This course cannot be used as a substitute for the senior capstone requirement.

Prerequisite: A grade of C or better in BIO 113 and BIO 113L or BIO 113HL and permission of the faculty member who will be supervising the research. Offered: Winterim, as needed.

ENV 365 - Independent Research in Environmental Science (3 credits)

Provides an opportunity to conduct independent research in environmental science under the supervision of an environmental science faculty member. This course may be repeated for credit. This course cannot be used as a substitute for the senior capstone requirement. Fees: Printing fees may be required.

Prerequisite: A grade of C or better in BIO 113 and BIO 113L and permission of the faculty member who will be supervising the research. Offered: Fall and Spring.

ENV 375 - Environmental Ethics (3 credits)

Examines the development and application of ethical theories that explain the moral relationship between humans and the environment. Deontology, utilitarianism, teleology, virtue ethics, and other theories are discussed. A case study-based approach is used to evaluate the role of ethics in how humans approach the environment at all levels of organization from individuals to nations. Topics may include anthropocentrism, biocentrism, environmental pragmatism, deep ecology, new animism, cultural relativism, and environmental justice.

Prerequisite: A grade of C or better in BIO 115 or a 200-level ENV course. SEE Certification: Humanities. Offered: Spring, even years.

ENV 410 - The Chesapeake Bay Ecosystem (3 credits)

Integrates a comprehensive detailed understanding of the physical, chemical, and biological characteristics of the Chesapeake bay ecosystem to address issues of current concern. A case study approach will be used to examine the cultural and scientific aspects of environmental challenges facing natural resource managers.

Prerequisite: A grade of C or better in at least one 300-level ENV course and junior standing. Offered: Spring, odd years.

ENV 415 - Urban Ecology (3 credits)

Explores the urban environment as an ecological system using the Baltimore region as a case study. Students will evaluate ecology in the urban landscape and the interdisciplinary nature of urban social-ecological systems, both in the context of environmental sustainability and justice. Fees may be required for field trips.

Prerequisite: A grade of C or better in a 300-level ENV course. Offered: Spring, even years.

ENV 420 - Restoration Ecology (4 credits)

Examines ecological theories and applications related to restoration of ecological systems, and evaluates local and regional restoration projects. Students will create a restoration plan to restore threatened species and degraded habitats. Laboratory included. Fees: Fees may be required for field trips.

Prerequisite: A grade of C or better in a 300-level ENV course. Offered: Fall, odd years.

ENV 470 - Capstone Internship (3 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 120 hours of on-site work supervised by a mentor is required. This course is restricted to environmental science majors. Fees: transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level environmental science courses; senior status in environmental science. Offered: Fall, Spring, and Summer.

ENV 471 - Capstone Internship (6 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 240 hours of on-site work supervised by a mentor is required. This course is restricted to Environmental Science majors. Fees: transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level environmental science courses; senior status in Environmental Science. Offered: Fall, Spring, Summer.

ENV 475 - Capstone Seminar (3 credits)

Integrates the professional knowledge gained in the Capstone Internship into the academic context. Emphasis is on honing oral and written skills. Students reflect on professional ethics and career direction. The course provides students with the skills to pursue that career direction after graduation. This course is restricted to Environmental Science majors. Fees: Printing fees will be required.

Prerequisite: A grade of C or better in SCI 215. Corequisite: ENV 470 or ENV 471 or prerequisites. SEE Certification: Writing Intensive. Offered: Fall and Spring.

FDES - Fashion Design

FDES 101 - Construction Fundamentals (1 credit)

Introduces students to the proper use, care, and operation of industrial equipment through hands-on experience. Students learn beginning sewing and pressing techniques by developing a sample book of various industrial stitching methods.

Prerequisite: None. Offered: Fall and Spring.

FDES 200 - Textiles (3 credits)

Introduces students to the materials, processes, and manufacture of textiles and how they are created from fiber to the finished fabric. Students will explore the global marketplace, recent innovations, and technological advances in the field. Both fashion design and merchandising majors will acquire a broad and thorough knowledge of textiles used in the apparel industry.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153. SEE Certification: Scientific Reasoning. Offered: Fall and Spring.

FDES 201 - Fashion Design I (3 credits)

Introduces the flat pattern design patternmaking system. Students will learn to use a master pattern or sloper and how to manipulate it to create new styles. Through classroom demonstrations, hands-on exercises, and projects, basic pattern making techniques and skills are acquired. Assignments include developing foundation apparel flat patterns for menswear, women's, and children's garments.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153. Offered: Fall.

FDES 202 - Fundamentals of Draping (3 credits)

Introduces the three-dimensional system of creating draped clothing patterns on a dress form. Students learn the foundation of apparel draping, presented in a step-by-step format, supported by classroom demonstrations, hands-on exercises, and projects. Assignments include developing draped patterns for menswear, women's, and children's garments.

Prerequisite: ENG 150, 151, 152, and FDES 200. Offered: Spring.

FDES 203 - Garment Construction Studio (3 credits)

Introduces students to industry clothing construction methods and applications of various categories of apparel. Students reinforce competency levels by assembling garments utilizing professional cutting, sewing, pressing, and finishing techniques. Assignments include constructing menswear, women's, and children's garments.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 and FDES 101 or permission of the instructor. Offered: Fall and Spring.

FDES 205 - Computer-Aided Pattern Design I (3 credits)

Focuses on developing competencies using computer-aided drafting and design (CADD) technology for producing patterns for apparel. Students learn digitizing, grading, pattern editing, pattern development, marker making, and plotting by employing pattern design software. Assignments include developing a variety of computer-generated patterns of original design for women's wear.

Prerequisite: A grade of C or better in FDES 201 or permission of instructor. Offered: Spring.

FDES 210 - Fashion Illustration (3 credits)

Introduces the basics of rendering fashion illustrations for men, women, and children. Students learn fashion figure proportions, develop croquis (sketches), draw technical flats, and capture fabric qualities using various media.

Prerequisite: A grade of C or better in ART 113, ART 117, or permission of instructor. Offered: Fall.

FDES 274 - History of Fashion (3 credits)

Introduces fashion history research practices that will instruct students in how to identify contemporary fashion

sources. The time period of this course starts with 19th century sources and the emergence of the middle class and extends to 21st century fashion culture. In the study of fashion history students will practice and develop their critical thinking processing: comparing and contrasting any given fashion object's form and use over time; identifying a fashion object's aesthetic qualities; evaluating why consumer culture has a desire for and ineffable connections to fashion icons; and exploring examples in fashion history that modified cultural values.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

FDES 280 - Fashion Design Study Abroad (3 credits)

Introduces students to the global fashion market by integrating formal classroom learning with an overview of the apparel industry and then focusing on a specific fashion capital selected for study abroad. Under faculty supervision, students will have the opportunity to travel internationally and visit textile plants, manufacturing facilities, design houses and showrooms, flagship stores, museums, and other sites of cultural and fashion interest.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 or permission of the program coordinator. Offered: Spring.

FDES 290 - Internship Preparation (1 credit)

Prepares students to seek and obtain internships and future employment opportunities. Students research internship opportunities, organize and write résumés, outline internship goals and objectives, and practice interviewing skills. Students will analyze their personal abilities, skills, experiences, and communication strategies in terms of professional standards and market needs.

Prerequisite: A grade of C or better in FDES 201 and FDES 203. Offered: Fall and Spring.

FDES 301 - Tailoring (3 credits)

Focuses on developing flat pattern design and clothing construction techniques. Students create a variety of original styles and tailored looks by rendering working sketches, developing and grading flat patterns, constructing prototypes, selecting fabrics, and constructing garments for menswear, women's, and children's apparel.

Prerequisite: A grade of C or better in FDES 201 and FDES 203 or permission of the instructor. Offered: Spring.

FDES 302 - Technical Illustration (3 credits)

Introduces the basics of rendering fashion illustrations for men, women, and children in Photoshop. Students learn to draw detailed and precise technical sketches of various garments and fabric patterns using Illustrator. Students are guided to create a digital fashion portfolio using Photoshop.

Prerequisite: A grade of C or better in FDES 201 and GDES 125. Offered: Spring.

FDES 303 - Concept Development in Fashion Design (3 credits)

Focuses on developing draping and clothing construction techniques. Students create a variety of original soft styles, redesigned looks, and specialized designs. Course work includes rendering working sketches, developing draped patterns, constructing prototypes, selecting fabrics, and constructing couture garments for menswear, women's, and children's apparel.

Prerequisite: A grade of C or better in FDES 202 and FDES 203 or permission of the instructor. Offered: Fall.

FDES 305 - Computer-Aided Pattern Design II (3 credits)

Focuses on developing competencies using advanced computer-aided drafting and design (CADD) technology for producing patterns for apparel. Students learn digitizing, grading, pattern editing, pattern development, marker making, and plotting by employing pattern design software. Assignments include developing a variety of computer-generated patterns of original design for menswear and children's wear.

Prerequisite: A grade of C or better in FDES 205 or permission of the instructor. Offered: Fall.

FDES 315 - Writing for Fashion (3 credits)

Builds on previous writing experience and introduces students to the process of professional writing for the fashion world. This course examines writing for different fashion contexts including magazines, advertising, marketing, and new media. Assignments include writing business communications, composing a fashion blog and developing an article for publication.

Prerequisite: A grade of C or better in MGT 210. Cross-Listed as: FMER 315. SEE Certification: Writing Intensive. Offered: Fall and Spring.

FDES 390 - Internship (3 credits)

Provides the opportunity for students to gain career-related experience in a professional environment outside of the classroom. Students identify opportunities and apply for internships independently. Student placements must be approved before the start of the internship. The internship coordinator offers faculty oversight of the academic component and guidance of the on-site internship. Students demonstrate achievement of goals with a daily journal, a self-evaluation, a site evaluation, and an on-site visit from the internship coordinator. Students must complete 120-hours in their internship. Repeatable for credit.

Prerequisite: A grade of P in FDES 290 and permission of the instructor. Offered: Fall, Winterim, Spring, and Summer.

FDES 400 - Special Topics in Fashion (3 credits)

Builds on concepts, skills, and theories taught in 200- and 300-level fashion design and fashion merchandising courses. This course provides students specialized studio experience in hands-on production topics related to fashion design and merchandising. The course focuses on a specific area of creative production - looking at both

historical and contemporary approaches, the cultural and economic impact, and future influences of fashion. Topics vary semester to semester and may include trend forecasting, knitwear, active wear, and advanced concept development and distribution. Projects encourage experimentation, risk-taking, and connecting the fashion design and merchandising disciplines.

Prerequisite: Varies depending on topic. Cross-Listed as: FMER 400. Offered: Fall or Spring, as needed.

FDES 401 - Collections I (3 credits)

Focuses on conceptualizing an original line of clothing by addressing design topics dealing with creativity, sustainability, socially conscious design, color, and fabric. Students identify a target market and they develop a coherent thematic strategy. The students create storyboards that include color stories and fabric swatches to express the collection, render technical flat sketches, and construct garments in fashion fabric.

Prerequisite: A grade of C or better in FDES 301, FDES 302, and FDES 303 or permission of the instructor. Offered: Fall.

FDES 403 - Collections II (3 credits)

Focuses on creating the fashion design collection developed in FDES 401. Using a combination of patternmaking techniques, the students develop patterns, construct garment prototypes, select fabrics, and execute the collection in fashion fabric. The clothing line represents the culmination of the students' design process development and technical applications.

Prerequisite: A grade of C or better in FDES 401 or permission of the instructor. Offered: Spring.

FDES 404 - Product Development and Manufacturing (3 credits)

Focuses on the basics of the product development process for a global economy, from design concept to bringing a final commercial product to market within a specific timeline. Students will learn to establish product standards for garment construction, such as sizes, costs, fabrics, materials, and trims. Students create technical specification documents (tech packs) and track reports that will enable them to be effective communicators within an organization's internal and external teams.

Prerequisite: A grade of C or better in FDES 205 and FDES 302. Offered: Spring.

FDES 470 - Portfolio (1 credit)

Prepares students for entry into the fashion design and merchandising profession and related fields. Students study the professional standards and practices shared by fashion professionals and integrate best practices relevant to their selected area of study, career interests, and goals. Students created professional identity materials including appropriate portfolios of examples that represent their abilities and experience in multiple context and formats. Evaluation culminates with a review from industry professionals. Students will need to purchase supplies/materials for this course.

Prerequisite: 4th year status and permission of the department chair. Offered: Fall and Spring.

FIN - Finance

FIN 300 - Principles of Finance (3 credits)

Studies the financial tools and techniques used to manage money and investments in the modern business enterprise. Topics include financial analysis and planning, money and capital market instruments, risk analysis, and the time value of money. Students who take FIN 303 are not eligible to take FIN 300.

Prerequisite: A grade of C or better in ACC 141, EC 201, EC 202, IS 135 and MATH 136 or MATH 312. Offered: Fall and Spring.

FIN 303 - Foundations of Finance (3 credits)

Studies the financial tools and techniques used in the modern business enterprise. Topics include financial analysis and planning, capital budgeting, cash and working capital management, profitability analysis, and long-term financing. This course is intended for accounting majors. Students who take FIN 300 are not eligible to take FIN 303.

Prerequisite: A grade of C or better in ACC 201, MATH 136, and EC 202. Corequisite: ACC 202, EC 201. Offered: Fall.

FIN 321 - Money & Banking (3 credits)

Examines the role and functions of a central bank in achieving the macroeconomic goals of price stability, full employment, financial market stability, and exchange rate stability. Topics include the role of money in the economy, the role of financial intermediaries and markets in the economy, general history of depository regulation, background on the causes and effects of a financial crisis on the economy, and the effect of the global financial markets on a domestic economy.

Prerequisite: A grade of C or better in EC 201 and EC 202. Cross-Listed as: EC 321. Offered: Fall.

FIN 355 - Special Topics in Finance (3 credits)

Examines special topics in Finance that are not covered in other FIN courses or that extend the student knowledge and professional competencies developed in other business courses. The course topics will differ with each offering of the course and will be specified in the class schedule for the session offered. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in FIN 300 or 303 or permission of the department chair.. Cross-Listed as: EC 321. Offered: Fall.

FIN 416 - International Finance (3 credits)

Examines the operation and financing of businesses and other organizations in the global capital markets. This course will discuss the key differences between domestic and international finance, including exchange rate exposure and management, political risk, international taxation, and international financial instruments.

Prerequisite: A grade of C or better in FIN 300 or FIN 303. Cross-Listed as: INBUS 416. Offered: Spring, as needed.

FIN 417 - Finance Internship (3 - 6 credits)

Places students in an external business, government, or not-for-profit organization that offers a well-rounded, supervised, practical career experience in finance. A minimum of 120 hours over 8 weeks or more of supervised work at the internship site is required for a 3-credit internship. Each additional credit requires 40 hours of on-the-job and/or classroom work. *Students can complete up to 2 different internships, 3-6 variable credits each, not to exceed 9 credits in total. Course is repeatable for credit, subject to department chair approval.*

Prerequisite: A grade of C or better in FIN 300 or FIN 303. Offered: Fall and Spring.

FIN 420 - Investment Theory and Practice (3 credits)

Examines the links between investment theory and practice of optimal portfolio management. Promotes understanding of investment choices, financial markets and institutions, portfolio theory, risk-return tradeoff, asset pricing models, investment strategy, and portfolio performance analysis. Focuses on creating, managing and evaluating a personal investment portfolio and extends the learned principles to managing an institutional investment portfolio.

Prerequisite: A grade of C or better in FIN 300 or FIN 303. Offered: Fall or Spring, as needed.

FIN 425 - Principles of Risk Management and Insurance (3 credits)

Examines the theory and practice of risk management from individual and business viewpoints. Topics include: risk management process and the role of insurance in dealing with risk, overview of the insurance industry, life, health, personal and business property and liability risks, and respective insurance products. Focus is on the consumer-side of insurance products.

Prerequisite: A grade of C or better in FIN 300 or FIN 303. Offered: Fall or Spring, as needed.

FIN 435 - Applied Corporate Finance (3 credits)

Applies finance theory to a variety of real-world situations faced by firms and investors. Case studies illustrating both domestic and international financing and investing decisions will be considered.

Prerequisite: A grade of C or better in FIN 300 or FIN 303. Offered: Fall or Spring, as needed.

FIN 450 - Business Valuation (3 credits)

Introduces students to the principles of business valuation in both public and private firm setting. Students will learn how to create, measure and enhance business value using the intrinsic and relative valuation methods. Major topics include discounted cash flow, equity and value multiples, advantages and disadvantages of each method, how to choose the right method, and how to enhance value by applying the learned principles to business decisions.

Prerequisite: A grade of C or better in FIN 300 or FIN 303. Offered: Fall or Spring, as needed.

FMER - Fashion Merchandising

FMER 210 - Fashion and Culture (3 credits)

Examines the role of dress, the body, and fashion in culture, both historically and in contemporary society. This course focuses on the meanings that individuals assign to dress and the theories that relate to social and cognitive reasons for using dress as a means of communication. Specific focus will be given to gender, age, status, ethnicity, role, and influences in society today.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153. SEE Certification: Social Science. Offered: Fall and Spring.

FMER 223 - The Business of Fashion (3 credits)

Introduces students to the functions of and the careers within the fashion industry. The course examines the independent industry roles of the merchandiser, retailer, and marketer. Students will learn basic principles governing the fashion movement and how to use industry source information to keep current with changes that affect the trends in fashion.

Prerequisite: A grade of C or better in MKT 206 (may be taken concurrently). Offered: Fall or Spring.

FMER 290 - Internship Preparation (1 credit)

Prepares students to seek and obtain internships and future employment opportunities. Students research internship opportunities, organize and write résumés, outline internship goals and objectives, and practice interviewing skills. Students will analyze their personal abilities, skills, experiences, and communication strategies in terms of professional standards and market needs.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Offered: Fall and Spring.

FMER 315 - Writing for Fashion (3 credits)

Builds on previous writing experience and introduces students to the process of professional writing for the fashion world. This course examines writing for different fashion contexts including magazines, advertising, marketing, and new media. Assignments include business communications, composing a fashion blog, and developing an article for publication.

Prerequisite: A grade of C or better in MGT 210 or MKT 210, or equivalent. Cross-Listed as: FDES 315. SEE Certification: Writing Intensive. Offered: Fall and Spring.

FMER 320 - Fashion Retailing (3 credits)

Examines concepts and practices of fashion retail business operations including classification of fashion retailers, organizational structures of fashion retailers, retailing skills, technologies used in this area of the industry, fashion retailing environment, and communication and services in fashion retailing. The

course also presents students with a perspective on multi-channel retailing as a major industry approach.

Prerequisite: A grade of C or better in FMER 223. Offered: Fall.

FMER 323 - Fashion Product Merchandising (3 credits)

Examines the merchandising functions within the fashion goods supply chain. The course will focus on product line development processes and the buying and selling practices of the fashion merchandise industry. Merchandising strategies for types of apparel categories will be compared. Basic mathematical applications will be applied to develop the skills required for pricing and resource planning.

Prerequisite: A grade of C or better in FMER 223. Offered: Fall or Spring.

FMER 340 - Merchandise Sourcing and Logistics (3 credits)

Examines principles of merchandising including trend forecasting, product development sourcing, and logistics of fashion and apparel products. Students will use industry-relevant resources to develop products and merchandise plans based on research and trend forecasts. Students will also explore the role of logistics and allocation in retail and wholesale organizations to conceptualize customer conversion, selling innovations, and global partnerships.

Prerequisite: A grade of C or better in FMER 320 (can be taken concurrently) with FMER 323. Offered: Fall.

FMER 360 - Visual Merchandising (3 credits)

Examines the visual merchandising processes at the retailing stage of the fashion goods supplies chain. This course provides skill development in visual merchandising and a working knowledge of the importance of visual product presentation in a retail setting. Students will identify the stages in visual merchandising processes, compare various theories and approaches, and select the most efficient and effective visual merchandising strategy in a given retailing situation. The use of a particular simulated situation will provide a hands-on demonstration of the theories and processes presented in the course.

Prerequisite: A grade of C or better in FMER 223. Offered: Fall or Spring.

FMER 390 - Internship (3-6 Credits)

Provides the opportunity for students to gain career-related experience in a professional environment outside of the classroom. Students identify opportunities and apply for internships independently. Student placements must be approved before the start of the internship. The internship coordinator offers faculty oversight of the academic component and guidance of the on-site internship. Students demonstrate achievement of goals through a weekly report and self-evaluation, on-site supervisor evaluations, and faculty evaluation of student artifacts. A minimum of 120 hours over 8 weeks or more of supervised work at the internship site is required for a 3-credit internship. Each additional credit requires 40 hours of on-the-job and/or classroom work. Students can complete up to two different internships, 3-6 variable credits each, not to exceed 9 credits in total. Course is repeatable for credit, subject to Department Chair's approval.

Prerequisite: FMER 290, FMER 320, and FMER 323. Offered: Fall, Winterim, Spring, and Summer.

FMER 400 - Special Topics in Fashion (3 credits)

Builds on concepts, skills, and theories taught in 200- and 300-level fashion design and fashion merchandising courses. This course provides students specialized studio experience in hands-on production topics related to fashion design and merchandising. The course focuses on a specific area of creative production - looking at both historical and contemporary approaches, the cultural and economic impact, and future influences of fashion. Topics vary semester to semester and may include trend forecasting, knitwear, active wear, and advanced concept development and distribution. Projects encourage experimentation, risk-taking, and connecting the fashion design and merchandising disciplines.

Prerequisite: Varies depending on topic. Cross-Listed as: Cross listed as FDES 400. Offered: Fall or Spring, as needed.

FMER 430 - Fashion Merchandising Capstone (3 credits)

Examines current issues and themes relevant to business aspects of fashion and the international apparel industry. As a capstone experience, this course builds upon principles obtained through those prior courses. Students will consider the global nature of the fashion industry, business social responsibility, emerging technologies, existing and new merchandising career opportunities, and changes in requirements for work in fashion and retail careers. The course will include collaboration with industry professionals and the development of a professional action plan based on the application and synthesis of research conducted during the semester.

Prerequisite: A grade of C or better in FMER 340 and FMER 360. Offered: Fall or Spring.

FMER 470 - Portfolio (1 credit)

Prepares students for entry into the fashion design and merchandising profession and related fields. Students study the professional standards and practices shared by fashion professionals and integrate best practices relevant to their selected area of study, career interests, and goals. Students created professional identity materials including appropriate portfolios of examples that represent their abilities and experience in multiple context and formats. Evaluation culminates with a review from industry professionals. Students will need to purchase supplies/materials for this course.

Prerequisite: 4th year status and permission of the department chair. Offered: Fall and Spring.

FMI - Film and Moving Image

FMI 101 - Cinema I: Storytelling (3 credits)

Introduces knowledge of basic video production equipment, crew functions, and techniques. Students learn and practice the foundational vocabulary of digital filmmaking and direct and shoot various short films of their own, working individually and in groups. Students also learn the principles of basic digital editing. Course includes studio and lecture.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall and Spring.

FMI 101H - Honors - Cinema I: Storytelling (3 credits)

Introduces the knowledge of basic video production equipment, crew functions, and techniques. Students learn and practice the foundation vocabulary of digital filmmaking and direct and shoot various short films of their own, working individually and in groups. Students also learn the principles of digital editing. This course is a more demanding section of FMI 101 incorporating student-led investigations of media literacy and the power of individual shots and cuts to affect the resultant narrative. Students in the honors section also examine the historical and cultural contexts of the contemporary state of moving-image storytelling in depth. The course includes studio and lecture.

Prerequisite: None. Only open to students in the Honors Program. SEE Certification: Fine Arts. Offered: Fall or Spring.

FMI 102 - Cinema II: Continuity (3 credits)

Develops skills in shooting video outside the controlled studio environment. Participants design, shoot, edit (using non-linear editing), and evaluate various productions.

Prerequisite: A grade of C or better in FMI 101. Offered: Spring.

FMI 201 - Cinematography I: Black & White (3 credits)

Analyzes the basics of black and white 16mm film and digital production. Students explore composition, contrast and lighting, and how the black and white image is unique in its aesthetic requirements, how it differs from the color image, and why it is important to understand that difference.

Prerequisite: A grade of C or better in FMI 102. Offered: Fall.

FMI 202 - Cinematography II: Color (3 credits)

Emphasizes the creative aspects of color cinematography (16mm and digital) and how it differs from black & white. Students further develop their shooting skills, learning how camera movement and lighting complement each other, and how color cinematography affects production design. Participants work individually and in teams to create multiple short dramatic pieces from screenplays or treatments selected from student submissions.

Prerequisite: A grade of C or better in FMI 201. Offered: Spring.

FMI 204 - Broadcast Production (3 credits)

Introduces the techniques and technologies of a three-camera television studio and live switching. Students explore how to work with a green screen and virtual broadcast environments, as well as how to design and record multiple group and individual broadcast projects of their own.

Prerequisite: A grade of C or better in FMI 102. Offered: Fall or Spring, as needed.

FMI 211 - Basic Screenwriting (3 credits)

Develops skill writing basic narrative screenplays for film production. Students examine the process of dramatic writing, generate and select story ideas, structure action and conflict, build characters, develop themes, and create dialog. Students also learn to identify and apply official industry screenplay formats, and write a variety of short movie scripts of their own.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Writing Intensive and Fine Arts. Offered: Fall and Spring.

FMI 221 - Art and Craft of Editing I (3 credits)

Builds on skills learned in FMI 102. Students further develop their editing techniques beyond continuity. They pay special attention to the aesthetics of when and why to make a cut, as well as pacing and experimental techniques.

Prerequisite: A grade of C or better in FMI 102. Offered: Fall.

FMI 222 - Art and Craft of Editing II (3 credits)

Explores further both editing and post-production, building on skills learned in FMI 221. Students work with both student-generated and industry-standard footage, working in the Avid Media Composer digital editing system, and analyze and apply advanced editing techniques.

Prerequisite: A grade of C or better in FMI 221. Offered: Fall and Spring.

FMI 231 - Film and Moving Image History (3 credits)

Examines the artistic development of film, television, and other moving image works, from the nineteenth century to the present, by exploring genres, aesthetics, methods of analysis, and current trends. Students study the contributions of major artists and their works, both American and foreign.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153. SEE Certification: Fine Arts or Humanities. Offered: Fall and Spring.

FMI 290 - Internship Preparation (1 credit)

Prepares students to seek and obtain internships and future employment opportunities. Students research internship opportunities, organize and write résumés, outline internship goals and objectives, and practice

interviewing skills. Students will analyze their personal abilities, skills, experiences, and communication strategies in terms of professional standards and market needs.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Offered: Fall and Spring.

FMI 301 - Documentary/Promo Production (3 credits)

Builds on principles learned in the 200-level cinematography and editing courses. Students produce documentary and narrative non-fiction films for themselves and for outside corporate or nonprofit clients. Students further develop skills in the craft of visual storytelling, working individually and as members of a film crew.

Prerequisite: A grade of C or better in FMI 201 and FMI 222. Offered: Fall and Spring.

FMI 302 - Narrative Production (3 credits)

Builds on principles learned in the 200-level cinematography and editing courses. Students produce group narrative (fiction) projects, each working in a specific crew position, to further develop the craft of visual storytelling. Skills learned in the course serve as training for the senior capstone projects in the following year.

Prerequisite: A grade of C or better in FMI 202 and FMI 222. Offered: Spring.

FMI 303 - Lighting for the Camera (3 credits)

Develops skills in using light and lighting equipment in a variety of production situations, including on location and in a controlled studio environment. Students examine the differences in lighting between still photography and moving images, between direct and indirect lighting, and between natural and studio lighting. Students manipulate the color, temperature, and contrast of lighting to provide effective illumination and to create a desired mood.

Prerequisite: A grade of C or better in FMI 202. Offered: Fall.

FMI 304 - Directing the Actor (3 credits)

Focuses on developing the necessary skills to direct actors to achieve a desired performance. Students practice analyzing and interpreting scripts to understand the dramatic needs of the characters portrayed by the actors. Students learn how to block (plan) the physical action of a scene and establish the rhythm of a performance, as well as oversee the design elements (set, lighting, sound, costumes) of a production.

Prerequisite: A grade of C or better in FMI 202. Offered: Spring.

FMI 306 - Experimental Cinema (3 credits)

Provides an opportunity for students to explore avant-garde and visionary approaches to filmmaking. Building on skills learned in FMI 202 and FMI 303, students further develop their own personal aesthetic as they defy filmmaking conventions and establish innovations of their own. Experimental moving images from 1895 to the present are introduced and examined as inspiration for new creative works.

Prerequisite: A grade of C or better in FMI 303. Offered: Spring.

FMI 311 - Advanced Screenwriting (3 credits)

Builds upon screenwriting strategies and techniques learned in FMI 211. Students learn the requirements for creating competent, complete and professional scripts in a variety of formats, including narrative, documentary and episodic. Students also practice developing ideas and critiquing and revising their own and their peers' work.

Prerequisite: A grade of C or better in FMI 211. SEE Certification: Writing Intensive. Offered: Fall.

FMI 313 - Script Analysis (3 credits)

Analyzes the structure and format of feature-length screenplays. Students compare and contrast scripts with the films that were produced from them. Students deconstruct scripts, write script coverage summaries, and evaluate writing strategies and aesthetic choices employed by professional scriptwriters. Students study screenplays and treatments from the earliest days of filmmaking to the present.

Prerequisite: A grade of C or better in FMI 211. Offered: Spring.

FMI 331 - Special Topics in Moving-Image Media (3 credits)

Engages in a focused analysis of the work of a particular director, movement, historical period, or past or emerging trends in moving-image media. Students research the topic in depth building on knowledge from previous courses. Students write critical analyses and apply concepts learned in the course to their own film and moving image projects. Course is repeatable for credit if the topic is different.

Prerequisite: A grade of C or better in FMI 231. Offered: Fall and Spring.

FMI 334 - Film Aesthetics (3 credits)

Evaluates the component parts of a film, including cinematography, design, writing, and directing, and how these elements combine to create an overall dramatic effect through mise-en-scène (blocking, rhythm, and camera plan). Students analyze how filmmakers emphasize and combine elements to effectively convey a desired intent. Students refine their personal cinematic aesthetic by critically analyzing the work of major directors and/or creating new work of their own.

Prerequisite: A grade of C or better in FMI 231. Offered: Spring.

FMI 341 - Sound Design (3 credits)

Investigates advanced sound-recording and sound-design techniques building on production and editing skills learned in previous courses. Students create professional-quality soundscapes for a variety of moving-image projects considering the theoretical frameworks and historical contexts of audio production.

Prerequisite: A grade of C or better in FMI 222. Offered: Fall.

FMI 352 - Grant Writing (3 credits)

Provides students with a strong understanding of how to prepare a fundable grant proposal by focusing on established principles of grant proposal writing, with special emphasis on finding the right grant opportunity for the right project. Students work individually and in groups to learn the best strategies for both independent writing and collaboration with other filmmakers.

Prerequisite: A grade of C or better in FMI 211. SEE Certification: Writing Intensive. Offered: Spring.

FMI 355 - The Business of Filmmaking (3 credits)

Provides entrepreneurial strategies for a self-empowered life in film and/or television, addressing the business side of pre-production, production and distribution. Students consider their own core artistic values and goals and how these are impacted by industry demands.

Prerequisite: A grade of C or better in FMI 211. Offered: Fall.

FMI 390 - Internship (3 credits)

Provides the opportunity for students to gain career-related experience in a professional environment outside of the classroom. Students identify opportunities and apply for internships independently. Student placements must be approved before the start of the internship. The internship coordinator offers faculty oversight of the academic component and guidance of the on-site internship. Students demonstrate achievement of goals with a regular journal, a self-evaluation, a site evaluation, and an on-site visit from the internship coordinator. Students must complete 120-hours in their internship.

Prerequisite: A grade of P in FMI 290 and permission of the instructor. Offered: Fall, Winterim, Spring, and Summer.

FMI 401 - Senior Project: Pre-Production (3 credits)

Engages students in conceiving, scripting, and planning their senior capstone projects. Students develop and revise narrative scripts or documentary treatments through professor and peer evaluation or work alongside writers and directors as creative advisors, based on their respective tracks within the major. Students plan and prepare all aspects of pre-production for comprehensive film projects, including preparing realistic budgets and schedules, shooting and editing test footage, casting, location scouting, and fundraising, as needed. Plans developed in FMI 401 will be realized in FMI 402, Senior Project: Production.

Prerequisite: A grade of C or better in FMI 302. Offered: Fall.

FMI 402 - Senior Project: Production (3 credits)

Engages students in shooting and editing their senior capstone projects. Building on the work completed in FMI 401, students produce the films conceived and planned in that course. Working in the format of their choice, and following their previously developed scripts, budgets, and schedules, students deliver progressive versions of their films for peer and professor feedback at intervals throughout the semester. Students who meet minimum grade requirements are invited to screen their work in a culminating senior showcase.

Prerequisite: A grade of C or better in FMI 401. Offered: Spring.

FMI 451 - Film Distribution and Intellectual Property (3 credits)

Immerses students in the operational aspects of contemporary film distribution across a wide variety of media and provides students with a firm grounding in the legal issues surrounding copyright, fair use, and contract law. Using crowdsourcing and social media, as well as more traditional techniques, students develop a plan to promote themselves and their work. Students study intellectual property law and how it has changed over time, and apply current legal principles and guidelines to their own work.

Prerequisite: A grade of C or better in FMI 302. Offered: Spring.

FR - French

FR 101 - Elementary French I (4 credits)

Introduces the basics of French communication skills, including speaking, listening, reading, writing, and major grammatical constructions. The course furnishes a basis for the further development of these communications skills in FR 102. A grade of C or better is required to advance to the next level.

Prerequisite: By placement of English Department Chair only. SEE Certification: Humanities. Offered: Fall.

FR 102 - Elementary French II (4 credits)

Continues the basics of French communication skills covered in FR 101, especially the study of major grammatical constructions, and further develops the skills of reading and writing in preparation for study at the intermediate level.

Prerequisite: Placement, two successful years of high school French, or a grade of C or better in FR 101. SEE Certification: Humanities. Offered: Spring.

FR 115 - French Conversation and Culture (1 credit)

Offers French language students the opportunity to enrich their classroom experience through interpersonal communication in French and to advance in their oral fluency, listening comprehension, and understanding of the geography and cultures of the Francophone world. Students meet one hour per week to converse informally and entirely in French and to discuss independent projects and journals, current events and media, film, music, art, literature, and more, with attendees from the college community. The course involves three off-campus excursions to various venues of French and Francophone culture: regional museums, restaurants, parks, etc., and La Maison Francaise in Washington, DC, which features an

exciting variety of events each month. This course is graded on a Pass/Fail basis. Repeatable for credit.

Prerequisite: Current or previous enrollment in FR 101 or FR 102 or permission of the instructor. Corequisite: Current or previous enrollment in FR 101 or FR 102 or permission of the instructor. Offered: Fall and Spring.

FR 201 - Intermediate French I (3 credits)

Continues development of the basic communication skills of speaking, listening, reading, and writing, as well as the study of vocabulary and grammar. Students learn to communicate in correct, simple French. This course introduces students to selected works of literature and various aspects of French culture. Class is conducted in French.

Prerequisite: A grade of C or better in FR 102, placement (three or more successful years of high school French), or a score of 500+ on the SAT II test. SEE Certification: Humanities. Offered: Fall.

FR 202 - Intermediate French II (3 credits)

Continues development of communication skills, including speaking, listening, reading, and writing. This course also includes an introduction to translation of works of literature and topics of French culture. Students gain further practice in spoken and written language. Students continue the study of French literature and culture. Class is conducted in French.

Prerequisite: A grade of C or better in FR 201. SEE Certification: Humanities. Offered: Spring.

FR 215 - French Conversation and Culture (1 credit)

Offers French language students the opportunity to enrich their classroom experience through interpersonal communication in French and to advance in their oral fluency, listening comprehension, and understanding of the geography and cultures of the Francophone World. Students meet one hour per week to converse informally and entirely in French and to discuss independent projects and journals, current events and media, film, music, art, literature, and more, with attendees from the college community. The course involves three off-campus excursions to various venues of French and Francophone culture: regional museums, restaurants, parks, etc., and La Maison Française in Washington, DC, which features an exciting variety of events each month. Additionally, students enrolled in FR 215 may help those students enrolled in FR 115 in collaborative learning projects. This course is graded on a Pass/Fail basis. Repeatable for credit.

Prerequisite: Current or previous enrollment in FR 101 or FR 102 or permission of the instructor. Corequisite: Current or previous enrollment in FR 101 or FR 102 or permission of the instructor. Offered: Fall and Spring.

FSCI - Forensic Science

FSCI 100 - Introduction to Forensic Science (3 credits)

Introduces the various aspects of forensic investigations in solving crimes. Topics include drugs and toxicology, explosives, forensic biology (DNA), forensic chemistry (trace evidence analysis), firearms and toolmark identification, and questioned document examination. Evidence collection and processing in a manner that allows its use in court proceedings will be covered. Restricted to non-science majors.

Prerequisite: Placement into MATH 135 or higher. SEE Certification: Scientific Reasoning. Offered: Fall and Spring.

FSCI 101 - Survey of Forensic Science (3 credits)

Introduces the student interested in a career in forensic science to the various scientific disciplines involved in collecting and analyzing evidence. Topics include crime scene investigation, trace evidence analysis, fingerprints, forensic chemistry (drugs and toxicology) and biology (serology and DNA), bloodstain pattern analysis and arson and explosives. This course is designed for science majors who intend to pursue further study in forensic science. Restricted to science majors.

Prerequisite: None. Offered: Spring.

FYS - First Year Seminar

FYS 100 - First Year Seminar (1 credit)

Assists first-year students to identify and use specific strategies for academic, personal, and social success in college. The First-Year Seminar also serves as a tool to introduce students to the career and professional development model that will guide them through their time at Stevenson University. Additional topics discussed in first-year seminar include, but are not limited to, University regulations and procedures, clarifying values and decision-making processes, and exploring the principles of career development.

Offered: Fall and Spring.

FYS 102 - First Year Seminar (1 credit)

Assists first-year students to identify and use specific strategies for academic, personal, and social success in college. The First-Year Seminar also serves as a tool to introduce students to the career and professional development model that will guide them through their time at Stevenson University. Additional topics discussed in first-year seminar include, but are not limited to, University regulations and procedures, clarifying values and decision-making processes, and exploring the principles of career development.

Offered: Spring.

GDES - Graphic Design

GDES 125 - Fundamentals of Digital Media (3 credits)

Introduces basic skills and key concepts in computer graphics using industry-standard software. Students develop the ability to create, control, and manipulate digital images for print, interactive, and motion media using a Macintosh platform in a studio environment. In-class demonstrations and exercises are supplemented by research-based projects incorporating historic and contemporary visual culture and digital design references. Students are required to apply the appropriate newly learned tools in the creation of original imagery. Emphasis is placed on selecting and utilizing software and hardware in accordance with professional standards and practices. Course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: None. Offered: Fall and Spring.

GDES 208 - Web Design I (3 credits)

Introduces the basic concepts integral to designing websites for interactive media. Students learn interactive design principles and standards-based design practices that underlie digital design production. Using front-end development techniques, students will design wire frames and then implement these creative designs as websites. Emphasis will be on the website development process and workflow including how to create and manipulate both hypertext markup language (HTML) and cascading style sheet (CSS) web pages; designing images and typography for the Web; planning information architecture; and increasing usability, accessibility, and functionality for an enhanced user experience online. This course includes studio and lecture. Students will need to purchase supplies/materials for this course

Prerequisite: A grade of C or better in ART 110 and GDES 125. Offered: Spring.

GDES 210 - Graphic Design I (3 credits)

Emphasizes research, idea generation, and creating solutions to a range of open-ended problems using the process of design thinking. Through broad topics and group projects, students will become familiar with design thinking practices and design terminology. Students will apply creative and critical thinking to develop solutions for graphic design problems. Consideration of audience and related design factors will be examined along with historical and contemporary examples of applied design thinking. Computer production techniques, presentation, and critiquing skills will be further developed through practice. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in both ART 113 and GDES 125. Offered: Fall.

GDES 211 - Graphic Design II (3 credits)

Builds on knowledge and skills introduced in Graphic Design I. Through well-defined problems and with an emphasis on developing independent working methods, students use critical and creative thinking to formulate effective design solutions. With guidance, students will determine their preferred process for conducting research and working through idea development and implementation phases of the design process. Design thinking strategies are applied to produce audience-focused design solutions. Students will determine how design solutions will translate onto multimedia platforms based on research of the end-user. Presentation and critiquing skills will be further developed as students learn to interpret, discuss, and compare visual forms and messages. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 210. Offered: Spring.

GDES 230 - Typography I (3 credits)

Provides students with a strong foundation in typography, a fundamental element in communication design. Students acquire an appreciation of type as form and as a communication element, learn to recognize typographic terminology, standards, and historical contexts, while explaining production and layout approaches. Students utilize both hand-skills and industry-standard software techniques to learn and practice the professional standards of typography. These skills will be demonstrated in single and multi-page assignments. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 125 and ART 113 OR a grade of C or better in GDES 125 and FMI 102. Offered: Fall.

GDES 270 - Introduction to Corporate Communication Design (3 credits)

Builds on technology skills introduced in GDES 125. This course gives non-designers the skills they need to produce professional publications, including writing, editing, designing, and printing. Emphasis is placed on communicating ideas effectively in a variety of media, understanding basic design and typographic principles, and using publishing software to create print-ready documents. This course includes studio and lecture. Students will need to purchase supplies/materials for this course. Restricted to non-graphic design majors

Prerequisite: A grade of C or better in GDES 125. Offered: Spring.

GDES 290 - Internship Preparation (1 credit)

Prepares students to seek and obtain internships and future employment opportunities. Students research internship opportunities, organize and write résumés, outline internship goals and objectives, and practice interviewing skills. Students will analyze their personal abilities, skills, experiences, and communication strategies in terms of professional standards and market needs.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Offered: Fall and Spring.

GDES 308 - Web Design II (3 credits)

Builds on web design concepts, skills, and strategies developed in Web Design I, advancing further the development and implementation of interactive design projects. This course focuses on synthesizing more complex elements of hypertext markup language (HTML) and cascading style sheet (CSS), and introduces students to basic Flash animation and scripting techniques to realize creative design solutions. Intermediate level websites are created for various platforms. Design aesthetics and typography principles are emphasized as applicable to interactive media. Design for mobile devices and small screens, content management systems (CMS), and Search Engine Optimization (SEO) are also addressed. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 208. Offered: Fall.

GDES 310 - Graphic Design III (3 credits)

Builds on problem-solving and creative processes developed in Graphic Design II with continued development in the implementation of design strategies. Students solve more complex human-centered design problems using design thinking and professional production practices to create multiple prototypes that function across various media platforms. Students conduct design research, integrate visual culture, demonstrate intermediate level design software knowledge, and practice production techniques. Through research, collaboration, critiques and presentations students solve design problems, formulate solutions, document their findings, and compose visual forms. This course includes studio, lecture, and field trips. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 211. Offered: Fall.

GDES 330 - Typography II (3 credits)

Applies conceptual and practical aspects of typography and publication design while developing an appreciation of the limitations of print and digital environments and discovering the possibilities within these limitations. Students will recognize typography as an art form as well as a crucial element in communication design and study individual characteristics of type, recognizing the effect typography has on the reader. Emphasis will be placed on taking typography to a professional level through practical assignments with the ultimate goal of constructing portfolio-ready projects. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 230. Offered: Spring.

GDES 370 - The Relationship of Design and Business (3 credits)

Analyzes the client/designer relationship from both design and business perspectives while seeking to develop a mutual appreciation. Emphasis will be placed on analyzing case studies, writing a design brief, understanding and communicating responsibilities, and addressing ethical and legal questions. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 211 or GDES 270. Offered: Fall.

GDES 380 - Professional Design Studio (3 credits)

Simulates a professional design studio environment. Students work independently and collaboratively to solve design problems presented by invited guest faculty. With the guidance and mentoring of the guest faculty, students employ professional design standards and practices while building prototypes, implementing production techniques, and evaluating designs in critiques and presentations. Students gain access to a professional network of practicing designers. Through this exposure, students synthesize established and emerging design practices and technologies into coursework. This course includes lecture, studio, and demonstrations. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 310. Offered: Spring.

GDES 390 - Internship (3 credits)

Provides the opportunity for students to gain career-related experience in a professional environment outside of the classroom. Students identify opportunities and apply for internships independently. Student placements must be approved before the start of the internship. The internship coordinator offers faculty oversight of the academic component and guidance of the on-site internship. Students demonstrate achievement of goals with a daily journal, a self-evaluation, a site evaluation, and an on-site visit from the internship coordinator. Students must complete 120-hours in their internship. Repeatable for credit.

Prerequisite: A grade of P in GDES 290 and permission of the instructor. Offered: Fall, Winterim, Spring, and Summer.

GDES 410 - Portfolio & Professional Development (3 credits)

Prepares students for entry into the graphic design profession or related field. Students study the professional standards and practices shared by all areas of graphic design and integrate best practices relevant to their motivated strengths, career interests, life values, and stated short- and long-term goals. Students create meaningful and engaging professional identity materials including appropriate portfolios of examples that represent their abilities and experience in multiple contexts and formats. A series of workshops are included to help students navigate the first 3-5 years of professional work life. Evaluation culminates with a review from a professional round table. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 308 and GDES 330. Offered: Fall.

GDES 440 - Designing for a Target Market (3 credits)

Focuses on how to research and design for a target market. Students apply research, conceptual problem-solving skills, and elements of graphic design to case study projects. Emphasis will be placed on methodology for research and idea generation, the ability to design for a specific target market, and the ability to present concepts clearly. This course includes studio and lecture. Students will need to purchase supplies/materials for this course. Repeatable for credit.

Prerequisite: A grade of C or better in GDES 208 and GDES 211. Offered: Fall or Spring, as needed.

GDES 445 - Senior Capstone Research Studio (3 credits)

Prepares students to develop and produce their Senior Capstone Project. Students are given the opportunity to identify and focus on their unique area of research. Studio exploration is dedicated to the initial steps of the design process including research, visual design investigation, significant design concept prototyping, and testing ideas with an audience. Proposed project outcomes can include, but are not limited to, the design of products, objects, design systems, interactive experiences, and processes. Ambitious concepts tackling cultural, political, social, or economic issues are encouraged. Coursework culminates in a public presentation to design professionals and a design research document including analysis of sources, consideration of audience, supporting evidence for proposed design solution, and capstone project proposal. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 310 and a 200-level Writing Intensive course. Both pre-requisites must be completed prior to taking this course. SEE Certification: Writing Intensive and Humanities. Offered: Fall.

GDES 450 - Senior Capstone (3 credits)

Provides an opportunity for students to prepare a collaborative Design Showcase presenting individual work from senior-level design students in a physical and online presentation. Work can include, but is not limited to, products, objects, designs, interactive experiences, and unique processes. Students work collaboratively to research possible topics and choose a theme. Large-scale ideas tackling cultural, political, social, or economic issues are encouraged. From detailed individual proposals, students spend the spring semester realizing their project. Modeling a professional design student setting, students navigate through the design process technically, conceptually, and socially. Students will need to purchase supplies/materials for this course.

Prerequisite: Senior status, and a grade of C or better in GDES 310 and GDES 445. Offered: Spring.

GDES 480 - Design Studio Special Topics (3 credits)

Provides graphic design seniors with a variety of design studio experiences that present specific design skill sets and problem-solving methods in a design studio setting. Studios will be taught by a variety of faculty and professional designers whose experiences are relevant to the specific Design Studio topic. Students will synthesize techniques and technologies learned in the major with simultaneous exploration of career opportunities. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 310. Offered: Fall, Winterim, and Spring.

GEO - Geography

GEO 111 - World Regional Geography (3 credits)

Introduces the physical, political, economic, and cultural elements of the world regions. This course emphasizes the distinctive yet comparative nature of major regions and their impact on current events.

Prerequisite: ENG 151 or ENG 153 or equivalent (may be taken concurrently). Offered: Fall and Spring.

GEO 112 - Human Geography (3 credits)

Studies the institutions and spatial variations of human society. This course emphasizes understanding human culture in a geographic context.

Prerequisite: ENG 150, 151, or ENG 153, or equivalent (may be taken concurrently). SEE Certification: Social Science. Offered: Fall and Spring.

HCM- Healthcare Management

HCM 208 - Healthcare Ethics and Law (3 credits)

Examines healthcare ethics and law, including theoretical foundations and social, technological, organizational, individual, and patient influences. Emphasis is placed on comparing and contrasting law and ethics, as well as examining the impact of the law, cost-containment efforts, and quality and malpractice concerns on healthcare settings and healthcare delivery. Students delineate between what is legal versus what is ethical and learn principles of ethical decision-making. Legal and ethical issues in healthcare will be examined through case studies and analyses of real world examples.

Prerequisite: A grade of C or better in ENG 152. Offered: Fall and Spring.

HCM 212 - Healthcare Information Systems (3 credits)

Examines healthcare information systems (HIS), laws, and regulations surrounding the collection, maintenance, and dissemination of health information. Security of and access to medical records and protected health information are covered. The roles of healthcare providers, patients, administrators, payers, accrediting bodies, and licensing agencies in computerized health

information management will be investigated. Issues in health information systems management will be analyzed through case studies and real world examples.

Prerequisite: A grade of C or better in ENG 150 or ENG 151. SEE Certification: Social Science. Offered: Spring.

HCM 310 - Theories and Practice of Healthcare Management (3 credits)

Focuses on the theories and practice of healthcare management. This course emphasizes the integration of healthcare management theories with real world problems through the use of case studies. Students will also prepare professional materials related to career, including resume, cover letter, and portfolio of writing samples. Students will focus on professional writing throughout this course, including writing detailed analyses of healthcare management case studies. (Pending review by the Academic Affairs Committee and SEE certification).

Prerequisite: A grade of C or better in ENG 152 or ENG 153 or equivalent and CMH 210. Offered: Fall and Spring.

HCM 311 - Health Insurance and Managed Care (3 credits)

Introduces students to the workings of health insurance and managed care within the American health care system. Explores determinants and measurement of health and disease, including epidemiology, public health, health promotion and disease prevention and their utilization in health insurance and managed care. Issues in health insurance and managed care will be analyzed through case studies and real world examples. (Pending review by the Academic Affairs Committee.)

Prerequisite: A grade of C or better in ACC 140 and ACC 140 and EC 201 and EC 202. Offered: Fall and Spring.

HCM 312 - Managing Healthcare Personnel (3 credits)

Examines healthcare personnel management from a strategic and administrative perspective. Emphasis is placed on the key role of employees as drivers of organizational performance, workforce planning/recruitment, and employee retention. Current issues are examined through case studies and analyses of real-world examples. Issues in healthcare personnel management are analyzed through case studies and real world examples. (Pending review by the Academic Affairs Committee.)

Prerequisite: A grade of C or better in HCM 208; CHS 220; CMH 210; HCM 310; HCM 311; and HCM 314 or MGT 310.. Offered: Fall and Spring.

HCM 313 - Healthcare Financial Management (3 credits)

Explores the financing of healthcare services from both the health system perspective and the point of care. Budget management, cost-benefit analyses, cost containment strategies, and management of fiscal and human resources will be explored. Issues in healthcare financial management will be analyzed through case studies and real world examples.

Prerequisite: A grade of C or better in ACC 140 and ACC 141 and EC 201 and EC 202. Offered: Fall and Spring.

HCM 314 - Healthcare Organizational Behavior (3 credits)

Explores organizational theories, motivation, and leadership behaviors in healthcare settings. Students will learn about effective decision making in groups, leadership and influencing others, and the importance of organizational values and diversity. Issues in healthcare organizational behavior information systems management will be analyzed through case studies and real world examples.

Prerequisite: A grade of C or better in CMH 210. Offered: Fall and Spring.

HCM 400 - Professional Skills Development (3 credits)

Creates a personal plan for continuing education and life-long learning to remain up-to-date in healthcare management. Students conduct self-assessments of cultural competency with respect to population(s) served by a given organization where the student is completing the capstone experience. In addition, students interview healthcare managers to identify and reflect upon competencies and skills needed to succeed and progress in their chosen field. (Pending review by the Academic Affairs Committee.)

Prerequisite: A grade of C or better in HCM 208; CHS 220; CMH 210; HCM 310; HCM 311; and HCM 314 or MGT 310.. Offered: Fall and Spring.

HCM 417 - Healthcare Management Internship (6 credits)

Places students in an external direct or indirect care healthcare organization that offers a well-rounded, supervised, practical career experience in healthcare management. A minimum of 240 hours over 8 weeks or more of supervised work at the internship site is required for this 6-credit internship. Course requires on-the-job and classroom work. (Pending review by the Academic Affairs Committee.)

Prerequisite: A grade of C or better in HCM 208; CHS 220; CMH 210; HCM 310; HCM 311; and HCM 314 or MGT 310.. Offered: Fall and Spring.

HON - Honors

HON 100 - Honors Seminar (1 credit)

Provides students with a theoretical foundation for later honors coursework in project-based, interdisciplinary learning, which includes learning how to collaborate with others, to define and research real-world problems, to identify different methodologies and approaches to problems, and to work independently as well as contribute to a group effort. Students will apply the strategies for academic and personal success they identified in First Year Seminar specifically to their honors coursework.

Offered: Spring.

HON 400 - Grand Challenges (3 credits)

Provides an opportunity for students to use interdisciplinary thinking and collaboration to propose unique solutions to current problems in society. Students will develop, analyze, and deliver possible solutions to the relevant stakeholders. Communication skills, both written and oral, will be emphasized. Restricted to honors students.

Prerequisite: HON 100, 4 honors sections of SEE classes, at least 1 honors contract. Offered: Fall and Spring.

HIST - History

HIST 100 - History Forum (1 credit)

Provides an experiential capstone for history majors. During the internship, students will perform a minimum of 120 hours of career-related work under the guidance of a history faculty mentor and an on-site supervisor from the sponsoring organization. Internships are arranged individually to match students' career goals and interests with sponsors' needs. This course may be repeated for credit under certain circumstances.

Prerequisite: None. Offered: Fall and Spring.

HIST 105 - World History I (3 credits)

Focuses on the diverse forces that helped shape the world in which we live. This course traces the development of world civilizations from the origins of humankind to the Early Modern era, with special emphasis on Western civilization.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 or equivalent (may be taken concurrently). SEE Certification: Humanities. Offered: Fall and Spring.

HIST 106 - World History II (3 credits)

Focuses on the diverse forces that helped shape the world in which we live. This course traces the development of world civilizations from the Early Modern era to the present, with special emphasis on Western civilization.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 or equivalent (may be taken concurrently). SEE Certification: Humanities. Offered: Fall and Spring.

HIST 109 - The United States: Colonial America to 1877 (3 credits)

Surveys the major events, ideas, and personalities critical to the development of the United States up to 1877. This course will examine the settlement and development of the American colonies, the American Revolution, the Civil War and Reconstruction, and will look at the collision of cultures and ideas that led to the formation of early America.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 or equivalent (may be taken concurrently). SEE Certification: Humanities. Offered: Fall and Spring.

HIST 109H - Honors - The United States: Colonial America to 1877 (3 credits)

Surveys the major events, ideas, and personalities critical to the development of the United States up to 1877. This course will examine the settlement and development of the American colonies, the American Revolution, the Civil War and Reconstruction, and will look at the collision of cultures and ideas that led to the formation of early America.

Prerequisite: A grade of C or better in ENG 151 or ENG 153 or equivalent (may be taken concurrently). Only open to students in the Honors Program. SEE Certification: Humanities. Offered: Fall and Spring.

HIST 110 - The United States: 1877 to Present (3 credits)

Surveys the major events, ideas, and personalities critical to the development of the United States from 1877 to the present. This course will examine the consequences of the Civil War and Reconstruction, Populism, Progressivism, the two World Wars, the Roaring Twenties, the Great Depression, the Cold War, and the post-Cold War world.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 or equivalent (may be taken concurrently). SEE Certification: Humanities. Offered: Fall and Spring.

HIST 208 - Introduction to History (3 credits)

Introduces students to the foundational concepts and methods of history. This course surveys the basic knowledge required of individuals working in the fields of academic history, museum studies, historic preservation, cultural resources management, and related fields and emphasizes the issues related to communicating about history to the general public. This course also explores various careers open to individuals with a strong background in history.

Prerequisite: A C or better in ENG 152 or ENG 153. Offered: Fall.

HIST 209 - Research and Writing in History (3 credits)

Introduces students to the use of the tools and methods of historians used to interpret and evaluate historical sources and to construct narratives based on primary and secondary research. In addition, students will develop skills in presenting history to a variety of general public audiences.

Prerequisite: A grade of C or better in HIST 109 and ENG 152 or ENG 153 (HIST 109 may be taken concurrently). SEE Certification: Writing Intensive. Offered: Spring.

HIST 210 - African American History (3 credits)

Traces the struggles, accomplishments, and impact of African Americans through the course of United States history. This course explores the cultural heritage of African peoples, the impact of the slave trade, slavery, and the development of racism. It also traces the struggle for freedom and justice in America from the colonial period to the present.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall, as needed.

HIST 211 - Topics in History (3 credits)

Examines specialized topics in History, usually centered on a particular theme, person, event, or era. The particular topic will vary with each offering and will be dependent upon faculty and student interest. This course may be repeated for credit.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 or permission of Chair. SEE Certification: Humanities. Offered: Fall, Winterim, and Spring.

HIST 215 - Hands on History (3 credits)

Provides students an opportunity to engage in original historical investigations that maximize the use of archival sources and primary sources. Students will interact with collections in archives, research libraries, and special collections as they develop theses, engage in research, perform analyses, and develop research findings. When possible, these investigations will be in service to another community agency.

Prerequisite: A grade of C or better in ENG 152 or ENG 153; a 100- or 200- level history class, or permission of Chair. Offered: Winterim.

HIST 220 - American History and Community Service (3 credits)

Explores the question Who are we as Americans? Through a survey of US history in conjunction with a service project in a nonprofit organization. The course topic may rotate occasionally.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Corequisite: focusing on one aspect of national identity and perception. SEE Certification: Humanities. Offered: Spring.

HIST 230 - American Women's History (3 credits)

Examines the history of women in the United States from the time of the Native Americans in the pre-colonial era to the present. This course explores how women's roles, status, image, and legal rights evolved due to social and economic change and as a result of the activism of reformers and writers.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Spring, as needed.

HIST 238 - History of Baltimore (3 credits)

Introduces students to the history of Baltimore from colonial times to the present. This course examines changes in politics and the economy, in the physical environment, and in the lives of ordinary Baltimoreans. This course also explores the ways in which Baltimore's history reflects both national trends and its own particular mix of North and South, race, ethnicity, and class.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall.

HIST 265 - History of the Family (3 credits)

Explores the family as the fundamental social unit in nearly every society. This course traces the evolution of the family from the Neolithic era to the present. Students study the impact of geography, economy, religion, and political structures on the variety of family structures in the Western and non-Western worlds.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 (may be taken concurrently) or permission of the Chair. SEE Certification: Humanities. Offered: Fall or Spring.

HIST 270 - Revolutionary America (3 credits)

Explores the American Revolutionary Era that transformed America and the world in the last half of the eighteenth century. Students will study such topics as the American Revolution as a military and political struggle and as a war of ideas, the writing of the U.S. Constitution, the establishment of political parties and the election to office of Thomas Jefferson. This course will also examine the history of women, Native Americans, and African Americans.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 or permission of the chair. SEE Certification: Humanities. Offered: Fall or Spring.

HIST 311 - Topics in General History (3 credits)

Focuses on a particular period or on a specialized topic in general history. This course involves significant analysis of primary sources. Recent topics have been The Age of Shakespeare, Making of the US Constitution, Roaring Twenties & Great Depression, Fifties & Film, Colonial America, Expansion & Explosion, and Modern American Sports History. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in a 100- or 200-level history class and ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

HIST 312 - Topics in Public History (3 credits)

Focuses on a specialized topic/field in public history. Recent topics/fields have been: historic preservation, museum studies, historical archeology, archives, and oral history. This course may be repeated for credit if topics/fields are different.

Prerequisite: A grade of C or better in a 100- or 200-level history class and ENG 152 or ENG 153. Offered: Fall and Spring.

HIST 325 - Fieldwork in Archival Operations (3 credits)

Provides students an opportunity to participate in the operation of an archive, research library, or special collection as a service to the community. Students will provide important services to historical collections by engaging in collection inventories, preservation work, bibliographic analyses, and editorial processing. Students will engage in research related to the collection(s) they are processing and prepare public history products as a result of their efforts. Students will reflect on their experiences and describe how those experiences affect

the trajectory of their path toward a career. This course is repeatable for credit.

Prerequisite: A grade of C or better in a 100- or 200-level history class and ENG 152 or ENG 153 and permission of the instructor. Offered: Winterim.

HIST 330 - Riches, Radicals, and Reformers: 1877-1920 (3 credits)

Examines political, social, economic, and cultural life in the US from 1877 to 1920, the decades in which the country grew from a mostly rural, agrarian society into an urban, industrialized world power. This course will explore themes such as big business, immigration, labor strife, segregation, progressive reform, and imperialism and their impact on the lives of ordinary Americans.

Prerequisite: A grade of C or better in a 100- or 200-level American history class and ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

HIST 331 - American Material Culture (3 credits)

Explores how the objects that we make and use can help us understand the American past and present. Students will study things both large and small, including patterns of land use, historic architecture, tools, furniture, plates, and silverware. This course focuses on both high-style art objects and utilitarian, vernacular objects. This class especially considers the changing roles of class, gender, and race in American material culture.

Prerequisite: A grade of C or better in a 100- or 200-level American history class and ENG 152 or ENG 153. Offered: Spring.

HIST 336 - The American Civil War (3 credits)

Explores the American Civil War from its root causes to its aftermath. Course topics include the military and political leadership, new and improved technologies, the battles from Fort Sumter to Appomattox, and the impact of the war on the civilian population.

Prerequisite: A grade of C or better in a 100- or 200-level American history class and ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall, as needed.

HIST 337 - The United States: The Sixties (3 credits)

Emphasizes primary sources to explore the fast-paced social, political, and cultural changes that occurred in America from 1960 to 1974. This course explores major trends in society, the economy, and politics. Topics include the presidencies of Kennedy, Johnson, and Nixon; the civil rights and black liberation movements; the Vietnam War; the rise and fall of the New Left; and the counter-culture.

Prerequisite: A grade of C or better in a 100- or 200-level American history class and ENG 152 or ENG 153. Offered: Fall or Spring.

HIST 339 - The United States Since 1970 (3 credits)

Examines life in the US from 1970 to the present. Particular emphasis is devoted to the impact of the following on society: the legacy of the 1960s, the scientific and technological revolution, the changing nature of immigration, and globalization and the role of America in the world.

Prerequisite: A grade of C or better in a 100- or 200-level American history class and ENG 152 or ENG 153. Offered: Fall, as needed.

HIST 350 - Independent Study (2-3 credits)

Provides students with the opportunity to complete a rigorous approved project under close faculty supervision during the course of a semester. The topic of study may not be one covered in an existing HIST course.

Prerequisite: A grade of C or better in a 100- or 200-level American history class and ENG 152 or ENG 153. Also, permission of the supervising instructor, the humanities and history department chair, the Executive Vice President for Academic Affairs and Provost and Dean required. Offered: Fall and Spring.

HIST 410 - The Great Historians (3 credits)

Examines the nature of historical writing in the ancient world up to the present day. This course will explore the ways in which historical writing has changed over time and has been shaped by historians' preconceptions, moral judgments, political philosophies, and specific historical contexts.

Prerequisite: A grade of C or better in a 100- or 200-level history class and ENG 152 or ENG 153. Offered: Fall or Spring.

HIST 411 - Senior Seminar (3 credits)

Provides an academic capstone for history majors with a focus on a specific time period, theme, person, event, or idea. The subject will be investigated thoroughly from a wide variety of perspectives. Emphasis will be placed upon interpreting the subject through the primary written and material record and through contrasting interpretations that illustrate the complexity and depth of the subject and its lasting significance and influence. This course may be repeated for credit if topics are different.

Prerequisite: Senior history major status; A grade of C or better in a 100- or 200-level history class and ENG 152 or ENG 153 or permission of the instructor. SEE Certification: Writing Intensive. Offered: Fall or Spring.

HIST 450 - History Internship (Variable credits)

Provides an experiential capstone for history majors. During the internship, students will perform a minimum of 120 hours of career-related work under the guidance of a history faculty mentor and an on-site supervisor from the sponsoring organization. Internships are arranged individually to match students' career goals and interests with sponsors' needs. This course may be repeated for credit under certain circumstances.

Prerequisite: Senior or second-semester junior history major status; at least 24 credits in history, including HIST 208 and HIST 209; and a minimum cumulative 2.50 GPA for seniors and 2.75 GPA for second semester juniors. Offered: Fall and Spring.

IAD - Interactive Design

IAD 380 - Advanced Interactive Studio (3 credits)

Builds on web design skills developed in GDES 208 and GDES 308: Web Design I and II. This course covers the utilization of advanced elements of hypertext markup language (HTML), more complex cascading style sheets (CSS), and integrating multimedia and interactive files into web pages. Web analytics, current scripts, plug-ins, and standards-based code validation are incorporated. Students produce multifaceted interactive web solutions for a variety of interactive design challenges and practice using newly published applications. Emphasis is placed on creating and rendering solutions that are portfolio-quality and adhere to professional standards and best practices. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 308. Offered: Spring.

IAD 381 - Mobile and Responsive Design (3 credits)

Focuses on mobile and interactive design for new and emerging digital environments. Students develop the skills to use media queries and to create flexible layouts, fluid grids, responsive navigation, and scaling images. Emphasis is placed on designing, developing, and implementing a mobile website, a desktop website, and a single responsive version of a web site that can be shared by multiple digital platforms including tablets. Responsive designs are specifically developed to fit screen size, platform, touch interfaces, and the orientation of each digital device. Design aesthetics and typography principles are utilized in accordance with best practices. In-class demonstrations and lab exercises supplement hands-on research-oriented projects. Students integrate strategies for creating robust interactive solutions based upon peer reviews and critiques. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in GDES 308. Offered: Spring.

INT 100 - Principles of Academic Integrity

INT 100 - Principles of Academic Integrity (0 credit)

Provides incoming students with an overview of academic integrity and Stevenson's academic misconduct process. Through a series of Blackboard modules, students will gain an understanding of what academic integrity is, why it is important, and Stevenson's definitions of academic misconduct. Additionally, students will learn about campus resources that promote academic integrity, an important component of student success.

Offered: Fall and Spring.

INBUS - International Business

INBUS 201 - Survey of International Business (3 credits)

Examines the reasons why companies engage in international business, the modes of entry, the external environment which influences strategies and their implementation, and the international operations decisions. This course provides a critical dimension to the understanding of the current business environment and will prepare students to function more knowledgeably in many business careers.

Prerequisite: A grade of C or better in MGT 204. Offered: Fall and Spring.

INBUS 315 - International Business Management (3 credits)

Examines international business activities and how business and management decisions are affected by international politics, treaties, and agreements. This course also discusses differences in customs and ethics, changes in monetary exchange rates, uses of foreign labor, and effects of natural events on management decisions.

Prerequisite: A grade of C or better in MGT 204 and MKT 206. Cross-Listed as: MGT 315. Offered: Fall and Spring.

INBUS 325 - International Marketing (3 credits)

Examines the economic, cultural, political, and technological factors that affect the marketing of goods, services, and experiences worldwide. Emphasis is on the problems and decisions involved across and within international borders, and the structure in international markets. Students will gain insight into developing marketing strategies outside the U.S.

Prerequisite: A grade of C or better in MKT 206. Cross-Listed as: MKT 325. Offered: Fall and Spring.

INBUS 347 - International Human Resource Management (3 credits)

Examines the administrative and structural human resource challenges for organizations that have operations outside the United States. Students will differentiate international from domestic HR practices as they relate to organizational employee requirements. Emphasis will be placed on specific factors that need to be considered in making international human resource management decisions. Specifically, the course will focus on understanding and managing cultural differences in foreign countries; preparing and managing organizational expatriates; designing and aligning organizational HR practices for global organizations; and designing formal working structures for international HR departments.

Prerequisite: A grade of C or better in MGT 204 or CHS 340 and sophomore or higher. Cross-Listed as: MGT 347. Offered: Fall or Spring.

INBUS 355 - Special Topics in International Business (3 credits)

Examines special topics in international business that are not covered in other INBUS courses or that extend the student knowledge and professional competencies developed in other business courses. The course topics will differ with each offering of the course and will be specified in the class schedule for the session offered. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in MGT 204 and MKT 206 or permission of the department chair. Cross-Listed as: MGT 347. Offered: Fall or Spring.

INBUS 416 - International Finance (3 credits)

Examines the operation and financing of businesses and other organizations in the global capital markets. This course will discuss the key differences between domestic and international finance, including exchange rate exposure and management, political risk, international taxation, and international financial instruments.

Prerequisite: A grade of C or better in FIN 300 or FIN 303. Cross-Listed as: FIN 416. Offered: Fall or Spring, as needed.

INBUS 420 - International Operations Management (3 credits)

Examines the strategic and tactical aspects of international operations and global supply chain management. Topics discussed include the full supply chain management cycle beginning with global operational issues, raw material procurement, production, warehousing, and delivery of finished goods to end customers. This course will focus on key differences between domestic and international operations and contemporary supply chain challenges presented by globalization.

Corequisite: A grade of C or better in MGT 313. Cross-Listed as: MGT 420. Offered: Fall or Spring, as needed.

INBUS 430 - International Economics (3 credits)

Examines the major issues in the area of international trade and their implications regarding global welfare. The major topics discussed include sources of comparative advantage, gains and losses from trade, globalization, and trade policy. The effects of exchange rate and domestic macro policies on global economies are also discussed.

Prerequisite: A grade of C or better in EC 201 and EC 202. Cross-Listed as: EC 430. Offered: Fall or Spring, as needed.

INBUS 470 - International Business Law (3 credits)

Examines various aspects of international business law, including multinational enterprises, trade in goods, services and labor, money and banking, foreign investment, sales, intellectual property, transportation, financing, taxation, environmental protection, and dispute resolution.

Prerequisite: A grade of C or better in LAW 130 and LAW 210 (for Legal Studies majors) or LAW 208 or LAW 308 (for business and accounting majors) and senior status. Cross-Listed as: LAW 470. Offered: Fall.

INDSC - Interdisciplinary Studies

INDSC 200 - Readings in Contemporary Thought (1 credit)

Offers guided reading on a contemporary theme. Course materials and discussion are multidisciplinary in content.

Prerequisite: A grade of C or better in ENG 152. Offered: Fall and Spring.

INDSC 260 - Introduction to Interdisciplinary Studies (3 credits)

Introduces concepts and principles of interdisciplinarity**.** Students develop skills in interdisciplinary research and problem solving, oral and written communication, and integrating diverse perspectives.

Prerequisite: A grade of C or better in ENG 152 of ENG 153 and declared Interdisciplinary Studies major. SEE Certification: Writing Intensive. Offered: Fall or Spring, as needed.

INDSC 320 - Internship (3 credits)

Provides opportunity for career-related work experience in a student's area of study. Under faculty supervision, internships are arranged on an individual basis to match students' career goals and interests with employers' needs. Career Services provides assistance in locating internships. Internships require a minimum of 120 hours at the employer's site plus an internship journal and reflective essay evaluating the position and experience. Students should arrange their internship prior to registering for the semester. Grading is pass/fail. Internships may or not be paid depending upon employer policy.

Prerequisite: Junior status and other prerequisites may apply. For information, students should contact their program coordinator. Offered: Fall and Spring.

INDSC 350 - Topics in Interdisciplinary Studies (3 credits)

Examines selected issues or themes that can be approached from at least two academic disciplines. Rotating topics may be developed within the following categories: social phenomena and events, ideas and applications, or area studies.

Prerequisite: Third-year status or permission of the program coordinator of Interdisciplinary Studies. Offered: Fall and Spring.

INDSC 360 - Interdisciplinary Research and Writing (3 credits)

Provides an opportunity for students to examine a topic of personal interest through independent interdisciplinary research. Continues practice in problem solving, oral and

written communication, and integration of diverse perspectives, the skills featured in INDSC 260.

Prerequisite: A grade of C or better in INDSC 260 or other 200-level writing intensive course with approval of the program coordinator and declared Interdisciplinary Studies major. SEE Certification: Writing Intensive. Offered: Fall and Spring.

INDSC 450 - Senior Project: Seminar in Interdisciplinary Studies (3 credits)

Supports research-based projects presented by Interdisciplinary Studies majors in partial fulfillment of the requirements for the bachelor's degree. Each senior investigates a special interest or problem incorporating selected approaches and perspectives of the core disciplines of their unique interdisciplinary program.

Prerequisite: Senior status and permission of the Interdisciplinary Studies program coordinator. Offered: Fall and Spring.

IS - Information Systems

IS 135 - MS Office Applications (3 credits)

Provides students the opportunity to design professional quality business and technical documentation using basic and advanced features of MS Excel including integration with MS Word and MS PowerPoint. Emphasis will be placed on those functions commonly used in the workplace.

Prerequisite: None. Offered: Fall and Spring.

IS 140 - Information Systems Architecture and Design (3 credits)

Examines the component technologies of information system architectures. The course will cover the design principles behind computer hardware and peripheral devices, network components, and network operating systems. Students will explore topics in computer hardware design from handheld devices to large-scale super computers.

Prerequisite: None. Offered: Fall and Spring.

IS 150 - Relational Database Design & SQL with MS Access (3 credits)

Explores relational database architecture and provides hands-on instruction in SQL using Microsoft Access. Students will evaluate the business requirement and design an effective relational database solution. Students will perform common workplace SQL tasks such as creating databases, tables and reports; inserting, updating, and selecting rows; designing queries, views, and data entry forms; and importing and exporting of data.

Prerequisite: None. Offered: Fall and Spring.

IS 170 - Systems Development with UML (3 credits)

Addresses the processes and methodologies of systems development to include project management; systems analysis; and modeling of systems, data, processes, and applications. Object Oriented Analysis and Design Methodologies using Unified Modeling Language (UML) are explored.

Prerequisite: None. Offered: Fall and Spring.

IS 201 - Management Information Systems (3 credits)

Introduces effective and efficient use of information technology (IT) to support the mission of the organization which is critical. Strategic use of IT and the ability to manage information systems enables organizations to reduce or remove distance barriers, reduce time for processing and decision making, and support effective and efficient use of scarce resources. In this course students will learn skills and techniques used to implement and operate marketplace IT tools to support organizational objectives and strategies. This course is a broad survey of IT-related topics and introduces students to business information systems, IT infrastructure and emerging technologies, security, telecommunications, the Internet and the Web, decisions making systems, and ethical and social issues in IT.

Prerequisite: None. Offered: Fall and Spring.

IS 231 - Network Technologies (3 credits)

Prepares the student to perform key network configuration and troubleshooting skills used by IT professionals. Students will learn the functional concepts of leading network architectures. Students examine in detail the TCP and IP family of communication protocols, structured cabling systems, fiber optic and wireless systems.

Prerequisite: A grade of C or better in IS 140. Offered: Fall and Spring.

IS 232 - TCP and IP Communication Protocols for Windows and UNIX (3 credits)

Prepares the student in the planning, installation, configuration, and management of a TCP- and IP-based network. Students will learn to monitor, optimize, diagnose, and resolve problems on the network using standard tools and utilities found in the workplace. The internal process of TCP will be examined along with the classic hacking attacks and countermeasure techniques.

Prerequisite: A grade of C or better in IS 231. Offered: Spring.

IS 235 - Advanced Windows Server Architecture & Administration (3 credits)

Examines the management tools essential for creating, designing, and maintaining a Windows Server Active Directory. Students will learn planning, installation, configuration, and administration of Windows Active Directory. Students will create from the ground up a network infrastructure using Windows Advanced Server. Domain Name System (DNS), forest designs, site topology and replication, organizational unit structure, group policy and delegation of control are just a few of the essential topics covered in this course.

Prerequisite: A grade of C or better in IS 231. Offered: Fall and Spring.

IS 240 - Programming Concepts (3 credits)

Introduces programming constructs common to most languages, laying a solid foundation on which more advanced topics will build. The course will introduce a modern integrated development environment. Key topics will include object oriented programming design concepts, GUI design guidelines, data structures, and database connectivity. Students will design a series of small business applications linked to a database.

Prerequisite: None. Offered: Fall and Spring.

IS 241 - C# Object Oriented Programming (3 credits)

Applies principles of object-oriented programming using C#. Key topics include the .NET Integrated Development Environment, control structures, methods, properties, classes, inheritance, polymorphism, data abstraction, arrays, data structures, collections, ADO .NET, GUI forms, controls, events, multimedia, graphics, and web services. Students will build a series of database connected business applications.

Prerequisite: A grade of C or better in IS 240. Offered: Spring.

IS 252 - Advanced SQL Query Design with Oracle & SQL Server (3 credits)

Develops proficiency in effective database and query design. Students will learn the underlying concepts of complex SQL Queries, the key to writing serviceable code, the normalization of data to minimize duplication and errors, the design of stored procedures and triggers to improve system performance, optimization techniques using cursors and join statements, transaction control, techniques for securing data, and tools for testing data integrity. Students will design a multi-table, normalized, relational business database and advanced SQL queries.

Prerequisite: A grade of C or better in IS 240. Offered: Spring.

IS 260 - Presentation Theory and Application (3 credits)

Covers the design of effective and dynamic audio and visual presentations, examining both theoretical and practical aspects of audio and visual presentations. Students will focus on presentations for business and technical reports using multimedia presentation software as the primary tool. Students will have several opportunities to hone and demonstrate their presentation skills through a series of practical assignments. A capstone presentation will also be required.

Prerequisite: None. Offered: Fall and Spring.

IS 280 - Data Management (3 credits)

Explores data storage, data archiving, quality assurance, data warehousing, data mining, and data security from a technology management perspective.

Prerequisite: A grade of C or better in IS 150. Offered: Spring.

IS 301 - Principles of E-Commerce (3 credits)

Introduces students to various technologies, applications, and issues associated with electronic commerce. There is a focus on understanding how organizations can adopt and integrate e-commerce in pursuit of organizational goals and to gain competitive advantage. Students learn about the background and history of e-commerce, e-commerce business models, online security and payment systems, e-marketing, online retailing and services, and the ethical, social, and political issues in e-commerce. Students will also conceptualize and create a basic business-focused website using popular free and low-cost web design tools.

Prerequisite: A grade of C or better in IS 201. Offered: Fall and Spring.

IS 302 - Integrating Technology and Digital Learning in the Classroom (3 credits)

Explores how technology is restructuring learning in the classroom. Students evaluate and integrate current technologies into the curriculum to improve their teaching and children's learning. Current trends in integrating technology and digital media for educational purposes will be examined. Registration is limited to early childhood, elementary and middle school majors.

Prerequisite: None. Offered: Fall and Spring.

IS 320 - Human-Computer Interaction (3 credits)

Addresses the practical principles and guidelines needed to develop high quality interface designs for interactive systems, specifically ones that users can understand, predict, and control. The course covers theoretical foundations of human-computer interaction and design processes such as expert reviews and usability testing. Students will assess design considerations with respect to how humans act and react when confronted with a variety of interfaces, with balanced emphasis on mobile devices, Web, and desktop platforms.

Prerequisite: A grade of C or better in IS 201. Offered: Fall and Spring.

IS 331 - CISCO TCP and IP Routing (3 credits)

Examines techniques for deployment of quality of service features, route distribution, and route cost determination, all of which improve performance and guarantee delivery of the business' most important data. Students will gain hands-on experience in the configuration and management of CISCO routers and switches. Best practices in the design of an effective routed infrastructure will be addressed.

Prerequisite: A grade of C or better in IS 232. Offered: Fall.

IS 332 - High Speed Broadband Networks (3 credits)

Provides an in-depth examination of leading broadband network technologies including ATM, xDSL, Cable Modem, Gigabit Ethernet, T-Carrier Systems, SONET and SDH, Frame Relay, SMDS, VOIP, Internet2, and GEANT. The course will also explore topics in fiber optic systems including Wavelength Division Multiplexing (WDM) and

Dense WDM (DWDM). Students will learn how to design and cost out global network connections, and compare the leading product offerings from the top tier vendors in each area of broadband network technology.

Prerequisite: A grade of C or better in IS 231. Offered: Fall.

IS 335 - Wireless LANS and Mobile Communication Systems (3 credits)

Examines the concepts and implementation of wireless technologies to include the IEEE 802.11 family of wireless local area network standards, IEEE 802.16 Wi- MAX, Local Multipoint Distribution Service (LMDS), satellite networks (GEO, MEO, LEO), microwave and laser links, and Mobile IP. Students will explore technologies such as the cellular communications system, General Packet Radio Services (GPRS), Global System for Mobile communication (GSM), Specialized Mobile Radio (SMR), Universal Mobile Telecommunications Service (UMTS), and 4G Wireless systems.

Prerequisite: A grade of C or better in IS 231. Offered: Spring.

IS 343 - Web Architecture & Design Technologies (3 credits)

Explores the art and architecture of web design. Students will learn the concepts of creating dynamic and interactive web pages with graphics, video, sound and animation using advanced Dynamic HTML techniques. JavaScript and ASP.NET will be introduced. Using popular web design tools, students will create several business-focused websites.

Prerequisite: A grade of C or better in IS 240. Offered: Fall.

IS 345 - Java Programming (3 credits)

Creates JAVA applications and Applets using the command line and WebSphere. The course will cover the use control structures, custom classes, design methods, manipulate arrays, use OOP design principles to develop reusable components, processing, handle errors with exception code, create multithreaded applications, create networked applications, and leverage JDBC for improved database connectivity.

Prerequisite: A grade of C or better in IS 240. Offered: Fall.

IS 348 - Advanced Business Applications (3 credits)

Develop applications and components, apply inheritance and polymorphism to objects, organize code using name-spaces, handle errors, access data using ADO.NET, create Windows applications and controls, create transactional and queuing components, create web services, and use assemblies to organize and deploy applications and libraries. Students will build a series of database connected, business applications.

Prerequisite: A grade of C or better in IS 241 and IS 252. Offered: Fall.

IS 349 - Service-Oriented Architecture and Dynamic Web Development (3 credits)

Implements a Service-Oriented Architecture, and develops Web Services and Web Services clients. Utilizes XML-based open standards-WSDL, SOAP, and UDDI-to support Web Services. Students will also build several dynamic Web sites implementing advanced features including Web forms, XML, database connectivity, client side and server side scripting, and electronic payment.

Prerequisite: A grade of C or better in IS 343 and IS 348. Offered: Spring.

IS 350 - IS Internship (3 credits)

Allows students to earn credit for an internship. Open to students who are currently working in an IT position during the semester enrolled. Students will reflect on the ways in which their course work prepared them for the workplace. They will demonstrate the ability to articulate, verbally and in writing, how they applied IT skills and knowledge learned in specific courses to the tasks performed during their internship.

Prerequisite: Junior status. Offered: Fall and Spring.

IS 361 - E-Collaboration and Social Networking (3 credits)

Examines various technologies, applications, and issues associated with electronic collaboration and social networking. There is a focus on understanding how organizations can adopt and integrate e-collaboration and social networking in pursuit of internal and external organizational goals and to gain competitive advantage. Students learn about the background and history of e-collaboration and social networking, cloud computing, social computing, electronic word-of-mouth, viral marketing, and the ethical, personal, organizational, and political issues in e-collaboration and social networking. Students will also conceptualize and create a business-focused social network using free and low-cost web-based applications.

Prerequisite: A grade of C or better in IS 301. Offered: Spring.

IS 365 - Writing for IS Applications (3 credits)

Focuses on effective writing of deliverables typical in the information systems profession. A major theme will be crafting messages with technical content for a non-technical audience. Students will practice developing communications products that they will encounter in their careers, such as instruction manuals, project proposals, managerial briefings, and IT policies.

Prerequisite: A grade of C or better in MGT 210. SEE Certification: Writing Intensive. Offered: Fall and Spring.

IS 380 - Information Security for the Organization (3 credits)

Addresses top security issues and surveys tools to detect threats and protect valuable organization resources. Key topics including threat and risk assessment, viruses, worms, Trojan horses, port scans spyware, and denial of service attacks will be covered along with discussion of

free security tools available to help uncover vulnerabilities. Students will write a security policy for their organization. Checklists for protecting business resources will be covered in detail and provided.

Prerequisite: A grade of C or better in IS 231. Offered: Fall and Spring.

IS 385 - Management of Business Networks (3 credits)

Examines components of the business network, emphasizing the strategic selection and configuration of components to solve specific organizational problems. This course introduces students to file servers, application servers, database servers, transaction processing, and groupware. The use of wide-area network services and the Internet to interconnect global business units is reviewed. Students learn the essential concepts of each technology and the interrelationships between the technologies to achieve an understanding of the business network environment.

Prerequisite: A grade of C or better in IS 231. Offered: Fall.

IS 386 - E-Commerce Business Solutions (3 credits)

Surveys the most common technologies employed to electronically link businesses with their partners, suppliers, distributors and customers. Supply Chain Management (SCM), Enterprise Resource Planning (ERP), Customer Relationship Management (CRM), Electronic Payment Systems and other Business to Business (B2B) systems will be surveyed and compared.

Prerequisite: A grade of C or better in IS 301. Offered: Fall.

IS 387 - Wireless Technology Solutions for the Office (3 credits)

Examines and compares the various wireless technologies available for the office environment at home or at work. Competing wireless technologies are compared and contrasted based on function, cost, security, and performance. Products implementing technologies such as Bluetooth, 802.11a, 802.11b, 802.11g, and the cellular phone system will be examined and their niche areas of usefulness in the workplace detailed.

Prerequisite: A grade of C or better in IS 201. Offered: Spring.

IS 391 - Incident Response and Investigation Methods (3 credits)

Examines the role of the computer forensics investigator as a member of an Incidence Response Team and explores the nature of the threat to organizations, the indicators that an incident is underway, the policies and procedures to be followed when an incident is detected, and the investigation methods used to collect evidence for prevention or prosecution. The course will explore the best practices used to create, organize and deploy an incident response team for malicious activity.

Prerequisite: A grade of C or better in IS 231. Offered: Fall.

IS 392 - Information Systems Forensics Internals-Auditing (3 credits)

Examines the tools and techniques used in the recovery of information-systems-generated artifacts used to aid forensic evidence collection and timeline corroboration. Students will examine system policies, auditing techniques, authentication methods, and event and system logging techniques for the family of Windows and Mac operating systems. Students will review documented prosecutions and investigations where operating system artifact recovery led to a successful resolution.

Prerequisite: A grade of C or better in IS 231. Offered: Fall.

IS 393 - Forensic Evidence Collection Tools and Techniques (3 credits)

Provides hands-on expertise in evidence collection and analysis with the leading forensic tools in use throughout the government, military, and law enforcement agencies. Evidence handling and timeline techniques will be covered with particular emphasis on the relationship to court testimony.

Prerequisite: A grade of C or better in IS 391 and IS 392. Offered: Spring.

IS 431 - Exchange Server & Messaging Systems (3 credits)

Enables students to install, configure, and manage Microsoft's Exchange Server, a leading technology solution for enterprise wide collaboration. The course will examine in detail the components of the messaging infrastructure; key support tasks in configuration, optimization, and data protection; and competing messaging solutions.

Prerequisite: A grade of C or better in IS 232 and IS 235. Offered: Fall.

IS 432 - Network Security-Firewalls, IDS, and Counter Measures (3 credits)

Examines the types of attacks launched by intruders and the system components that offer intrusion prevention, protection, and detection. Students will learn to configure firewalls, Intrusion Prevention, and Intrusion Detection Systems. Hacking exploits and the countermeasures to defeat them will be examined in detail.

Prerequisite: A grade of C or better in IS 232. Offered: Fall and Spring.

IS 443 - XML E-Business Applications (3 credits)

Develops in-depth knowledge in writing well-formed XML Syntax, creating richer documents using namespaces to distinguish XML vocabularies, leveraging DTD's and Schemas to improve compatibility with externally designed applications, designing cascading style sheets to improve the expression of XML data, using the XPath querying language and XLST style sheets to enable applications to extract components of an XML document.

Students build an XML application that translates data from dissimilar databases in a web-based application.

Prerequisite: A grade of C or better in IS 301. Offered: Spring.

IS 444 - Wireless Application Development (3 credits)

Develops hands-on experience in the design of wireless applications using Microsoft's .NET Compact Framework and the Mobile Internet Toolkit development environment for mobile applications. Students will create several applications for handhelds.

Prerequisite: A grade of C or better in IS 345. Offered: Fall.

IS 462 - Current Topics in E-Commerce (3 credits)

Explores current topics in electronic commerce through reading and discussion of the primary literature and examination of existing and emerging theories, tools, and applications. Related ethical, cultural, social, organizational, and political issues are also discussed. Students will conduct research and propose extensions and improvements to existing e-commerce business models.

Prerequisite: Senior status, a grade of C or better in IS 301 and IS 320. Offered: Spring.

IS 475 - Special Topics in Information Systems (3 credits)

Offers topics which vary each year to reflect new and emerging computer-related technologies and techniques in business and industry.

Prerequisite: Fourth year status or permission of the instructor. Offered: as needed.

IS 480 - Technology Law (3 credits)

Outlines the legal requirements of businesses to preserve electronic data, ensure privacy, protect intellectual property, and ensure electronic information is accessible to people with disabilities. A survey of the legislation used to implement the law is covered. Pertinent sections of the federal regulations are examined to determine impact on procedures and policies.

Prerequisite: Senior status. Offered: Fall and Spring.

IS 481 - Project & Knowledge Management (3 credits)

Enhances the knowledge, skills, and tools required to deliver projects on time and within budget. Students will explore the reasons for failed projects, the competencies of successful project managers, the functions all project managers perform, the tools project managers use to keep projects on time and within budget, and the project management life cycle.

Prerequisite: Junior or senior status. Offered: Fall and Spring.

LAW - Law

LAW 102 - Introduction to Legal Studies (3 credits)

Provides an overview of the functions of our legal system and the sources and nature of our laws. This course introduces many substantive and procedural areas of law. This course also examines the legal profession, the roles of the paralegal and attorney, and the regulation of attorney and paralegal conduct. Students will begin identifying career goals. This course provides an in-depth examination of legal ethics and introduces students to the types of ethical dilemmas they may face in the work force and to methods for researching the answers to and resolving ethical dilemmas. Legal specialty course (LSC)

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 (may be taken concurrently). Offered: Fall.

LAW 112 - Torts (3 credits)

Provides an introduction to the broad area of civil wrongs and their appropriate remedies. Tort law principles of liability for personal, property, and economic harm, negligence (including professional malpractice), strict liability (including products liability), and intentional torts will be covered. Affirmative defenses and limitation of duties including assumption of the risk, contributory negligence, comparative negligence, immunity, and limited liability of property owners will also be reviewed. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 102 and ENG 150, ENG 151 or ENG 153 (may be taken concurrently). Offered: Spring.

LAW 114 - Estates and Trusts (3 credits)

Introduces students to the laws governing wills and estates. Topics covered include will drafting, inheritance through testacy and intestacy, the role of personal representatives in estate administration, formal and informal probate procedures, and tax ramifications of estate planning. The course also provides an overview of techniques for gathering facts, listing assets, and drafting probate documents and reports. Students will also gain first-hand knowledge of preparing wills and applying probate procedures in opening and closing an estate. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 102 and ENG 150, ENG 151 or ENG 153 (may be taken concurrently). Offered: Fall.

LAW 120 - Contract Law (3 credits)

Provides a detailed introduction to the common law of contracts and the Uniform Commercial Code. Examines such topics as the bases for enforcing promises, the bargaining process, contract formalities, enforcement, breach, defenses, remedies, and assignment and delegation. Drafting skills are introduced and developed. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 102 and ENG 150, ENG 151, or ENG 153 (may be taken concurrently). Offered: Fall.

LAW 125 - Legal Research and Writing I (3 credits)

Provides an introduction and overview to the methods of legal research and legal writing. Students will examine the various sources of law and categories of research materials. Students will be introduced to writing citations and learn how to develop a research plan, how to analyze cases and statutes, and how to use the law library. Basic legal writing skills will be covered as well as computer-assisted legal research. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 102 and ENG 151 or 153. Offered: Spring.

LAW 130 - Business Organizations Law (3 credits)

Examines the nature of sole proprietorships, partnerships, limited partnerships, limited liability companies, corporations, and S corporations. Emphasis will be placed on the drafting of articles of incorporation and articles of organization, partnership agreements, certificates of limited partnership, corporate minutes and consents, and preparation of various governmental filings that accompany corporate, LLC and partnership formation. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 102 and ENG 150, ENG 151, or ENG 153 (may be taken concurrently). Offered: Spring.

LAW 204 - Constitutional Law (3 credits)

Introduces the U.S. Constitution with an emphasis on the Bill of Rights. Examination of criminal and civil constitutional rights, including the underlying legal principles governing searches and seizures, self-incrimination, due process, and equal protection of the law, will be included.

Prerequisite: A grade of C or better in LAW 102 and ENG 151 or ENG 152 or ENG 153. Offered: Fall or Spring.

LAW 208 - Business Law (3 credits)

Examines the legal aspects of business relationships, contracts, sales and the Uniform Commercial Code, agency, and business organizations law. Restricted to non-legal studies majors.

Prerequisite: None. Offered: Fall and Spring.

LAW 210 - Legal Research and Writing II (3 credits)

Continues the examination of the methods of legal research and legal writing. Students will examine in depth the primary and secondary state and federal materials. Students will learn to update and validate their research. Emphasis will be placed on creating a successful research strategy. Advanced computerized legal research will be incorporated into research assignments. Students will analyze and synthesize the results of their research and incorporate their research into forms of persuasive legal writing. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 125. SEE Certification: Writing Intensive. Offered: Fall.

LAW 215 - Criminal Law (3 credits)

Examines crimes and offenses, criminal procedures and constitutional guarantees of accused persons, jurisdiction of courts, preparation for trial, and appellate and post-conviction procedures.

Prerequisite: A grade of C or better in LAW 102 and ENG 150, ENG 151, or ENG 153. Offered: Fall or Spring, as needed.

LAW 216 - Civil Litigation and Pleading (3 credits)

Provides a basic understanding of civil litigation and the functions and operations of the state and federal court systems. Includes selection of the proper court, court jurisdiction, pleadings and other court documents, discovery, rules of evidence, trial tactics, and principles of litigation. Students will study of the rules of procedure for Maryland courts. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 112, LAW 120 and LAW 125. Offered: Fall or Spring.

LAW 217 - Rules of Evidence (3 credits)

Examines the Federal Rules of Evidence and how they are applied before and during trial. Students review the evidentiary rules of relevance; hearsay and hearsay exceptions; authentication and the introduction of writings, recordings, and photographs; competence and testimony of lay and expert witnesses; privileges; judicial notice; and presumptions. Students learn how to prepare exhibits for trial, examine witnesses, introduce documentary evidence, and use evidentiary objection. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 102 and ENG 150, ENG 151, or ENG 153. Offered: Fall or Spring, as needed.

LAW 225A - Internship: Part I (1 credit)

Constitutes on-campus workshops and seminars in preparation for student workplace internships. Legal specialty course (LSC) Restricted to legal studies majors.

Prerequisite: A grade of C or better in ENG 150 or ENG 151 or ENG 152 or ENG 153 and LAW 125. Offered: Fall.

LAW 225B - Internship: Part II (3 credits)

Consists of 120 hours of supervised work in a law office or legal department as a paralegal. Includes the preparation of an internship portfolio based on the professional experience. Legal specialty course (LSC).

Restricted to legal studies majors.

Prerequisite: A grade of C or better in LAW 225A and LAW 210, and 15 additional LAW credits. Offered: Fall and Spring.

LAW 260 - Juvenile Justice (3 credits)

Examines the legal problems faced by children within the family, at school, and in the criminal justice system. An in-depth analysis will be made of the issue of delinquency, including theories of delinquency, the impact of gender, family, peers, schools and drug use on delinquency, and policies and programs designed to prevent delinquency. Students will develop a working

knowledge of the juvenile justice system, including police, court and corrections processes and procedures.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153. Offered: Fall or Spring, as needed.

LAW 300 - Elder Law (3 credits)

Provides a practical approach to the legal functions inherent in an elder law practice. This course includes an overview of the medical and social issues affecting seniors and their families, particularly advanced health care directives, management of assets, passing assets upon death, federal gift and estate taxes, and long-term care financing. An understanding of the legislation, regulation, and policy determinations governing elder law issues, presentation and evaluation of planning approaches and tools frequently used in elder law, instruction in the preparation and use of documents necessary to effectuate elder law plans, ethical considerations for families, and the role of other professionals in elder law planning will also be considered. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 114. Offered: Fall or Spring, as needed.

LAW 302 - Pre-Law Seminar (3 credits)

Provides students with assistance preparing for law school and the law school application process. Students will learn how to research and evaluate prospective law schools. Students will understand the application process and the role of the Law School Admission Council (LSAC) in law school admissions. Students will study the types of questions on the Law School Admission Test (LSAT), practice LSAT examination questions, and compare commercial LSAT preparation courses and other LSAT review materials. Students will draft case briefs and experience instruction using the Socratic method by participating in a "mock" law school class. Students will draft personal statements for inclusion in their law school applications. Restricted to legal studies majors

Prerequisite: A grade of C or better in LAW 210, and junior or senior status. Offered: Spring, as needed.

LAW 303 - Mock Trial (1 credit)

Engages students in a mock trial experience that includes drafting, revising, preparing, and presenting attorney and witness roles in accordance with applicable case law and rules of evidence. Students from all years and majors may try out for the university's American Mock Trial Association (AMTA) teams. Only students selected to be on the university's AMTA teams may enroll in this course. The teams practice and scrimmage with other universities to prepare for tournaments, then participate in AMTA invitational and regional tournaments. Students are expected to be available for additional evening and weekend hours for practices and tournaments. AMTA case materials change each year and alternate between civil and criminal cases. The course may be taken three times for credit. All students participating in Mock Trial must register for LAW 303 or the zero-credit version, LAW 304. Legal specialty course (LSC).

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently). Offered: Fall and Spring.

LAW 304 - Mock Trial (0 credit)

Engages students in a mock trial experience that includes drafting, revising, preparing, and presenting attorney and witness roles in accordance with applicable case law and rules of evidence. Students from all years and majors may try out for the university's American Mock Trial Association (AMTA) teams. Only students selected to be on the university's AMTA teams may enroll in this course. The teams practice and scrimmage with other universities to prepare for tournaments, then participate in AMTA invitational and regional tournaments. Students are expected to be available for additional evening and weekend hours for practices and tournaments. AMTA case materials change each year and alternate between civil and criminal cases. The course is repeatable but does not carry any credit. All students participating in Mock Trial must register for LAW 304 or the one-credit version, LAW 303. Legal specialty course (LSC).

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently). Offered: Fall and Spring.

LAW 305 - Special Topics in Law (3 credits)

Examines areas of law of current interest not covered in other LAW courses. Emphasis will be placed on developing critical thinking and analytical skills through the study of special legal topics. Special topics will be selected based on current events, developments in technology, changes in the law, and employer needs. The course topic will vary, and will be specified in the class schedule for the term offered. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in LAW 210. Offered: Fall or Spring, as needed.

LAW 308 - Business Law and Legal Responsibilities (3 credits)

Covers legal aspects of business, including an overview of the legal environment of business, contracts, commercial transactions, and agency and business organizations. This course helps prepare students for the regulation portion of the CPA exam. Restricted to accounting majors.

Prerequisite: A grade of C or better in ACC 202 (may be taken concurrently). Offered: Fall.

LAW 312 - Advanced Business Organizations (3 credits)

Examines the essential documentation of business entity formation and operation including organizational documents, limited partnership agreements, articles of transfer, articles of dissolution, articles of merger, various tax elections, buy-sell agreements, and various types of minutes. Further, students will examine the fiduciary relationships both within various entities and their management's relationships with and duties toward others, including investors, lenders, employees, the

government, consumers and society. Practical and intellectual appreciation of business forms is gained through an approach that considers the impact of current events on public confidence in business organizations and their management. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 130. Offered: Fall or Spring, as needed.

LAW 315 - Advanced Estate Administration (3 credits)

Examines the administration of a complex decedent's estate, preparation of all probate documents, including inventory and accounts, problems of valuation and appraisal of assets, preparation of federal estate tax return, and study of Maryland inheritance and estate taxation. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 114. Offered: Fall or Spring, as needed.

LAW 320 - Bankruptcy Law (3 credits)

Examines voluntary and involuntary proceedings, functions of the trustee, secured and unsecured debts and claims, exemptions, and discharge of debts, voidable transactions, preparation of petitions, schedules and other documents, and comparison with insolvency proceedings and compositions of creditors. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 130. Offered: Fall or Spring, as needed.

LAW 322 - Criminal Investigation and Procedure (3 credits)

Examines the laws and principles governing pretrial investigation and the processing of criminal suspects. Studies the rules of criminal procedure used to conduct criminal trials in the United States.

Prerequisite: A grade of C or better in LAW 204. Offered: Fall or Spring, as needed.

LAW 325 - Employment Law (3 credits)

Provides an overview of the law of the workplace. This course examines the impact on the employer-employee relationship and provides guidance within the environment of employment law. It also examines employment law as the crossroads of several legal disciplines: contract, tort, and agency, common law, regulatory, and statutory law, as well as social, economic, and political policy.

Prerequisite: A grade of C or better in LAW 130 or MGT 204. Offered: Fall or Spring, as needed.

LAW 330 - Advanced Estate Planning (3 credits)

Examines the entire estate planning process (as opposed to estate administration) using a step-by-step approach. Various aspects of estate planning are covered including the topics of wills, will substitutes, trusts, estate and gift tax planning, business succession planning, asset protection, estate and trust administration, and death taxation. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 114. Offered: Fall or Spring, as needed.

LAW 335 - Intellectual Property Law (3 credits)

Covers the legal principles and rules regarding the law of patents, trademarks, copyrights, and trade secrets. Students will examine statutes and case law and apply the principles to hypothetical case scenarios. Emphasis is placed on the skills required of paralegals and attorneys who practice in this area, including preparing copyright and trademark applications as well as using computer technology in preparing applications, maintaining records, performing trademark and patent searches and protecting confidential information. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 130. Offered: Fall or Spring, as needed.

LAW 340 - Income Taxation (3 credits)

Examines the general principles of taxation of individuals, corporations, partnerships, and estates and trusts, with emphasis on points of tax law relating to individuals. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 102 and ENG 150, ENG 151, or ENG 153. Offered: Fall or Spring, as needed.

LAW 345 - Sports Law (3 credits)

Examines the legal aspects of professional and amateur sports, including topics such as sports agents, sports contracts, sports torts and crimes, women's issues, disability issues, antitrust, intellectual property, and alternative dispute resolution in sports. Emphasis will be placed on applying students' business and legal knowledge specifically to sports law issues.

Prerequisite: A grade of C or better in LAW 216 (for legal studies majors) or LAW 208 or LAW 308 (for business or accounting majors). Offered: Fall or Spring, as needed.

LAW 351 - Litigation Practice (3 credits)

Provides litigation practice through preparation for and participation in a mock trial. Students develop effective methods for analyzing and preparing cases for presentation in trial. In particular, this course teaches students essential skills in understanding and applying the rules of evidence, preparing exhibits for trial, and giving direct and cross examinations, opening statements, and closing arguments at trial. The focus on the practice aspects of litigation develops students' oral presentation skills and professionalism, enabling them to be more prepared to enter the job market. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 216. Offered: Fall or Spring, as needed.

LAW 352 - Law Office Technology (3 credits)

Introduces specialty applications software for law office management and case management. Examines computer applications in the legal field by studying the fundamentals of computer technology in the practice of law and reviewing the building blocks of law-related applications software including word processing,

spreadsheets, electronic databases, and other tools. Instructs students on conducting e-discovery and related computer applications for litigation, such as the electronic courtroom, presentation and trial graphics, and electronic trial preparation. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 216. Offered: Fall or Spring.

LAW 353 - Electronic Discovery (3 credits)

Provides a thorough examination of the process of electronic discovery, beginning with the duty to preserve electronically stored information (ESI) and continuing through the collection, search, review, and production of ESI in litigation. The procedural and practical aspects of e-discovery will be studied in the context of current rules and case law. Students will explore e-discovery principles and apply certain technologies used in various aspects of the e-discovery process. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 210. Offered: Fall or Spring, as needed.

LAW 356 - Domestic Relations (3 credits)

Studies the law regarding matters related to the family, including adoption, child support, custody, spousal support, guardianship, marital property, and the requirements for the formation and termination of a marriage. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 102 and ENG 150, ENG 151, or ENG 153. Offered: Fall or Spring, as needed.

LAW 361 - Immigration Law (3 credits)

Examines the laws, policies and procedures pertaining to immigration, naturalization and citizenship. Topics include legal entry into and residence in the United States, qualifying for citizenship, Visas, amnesty, asylum and refugees, deportation, and post 9/11 issues. Course topics are designed to meet specific employer needs in the field of immigration law, both in the private and public sectors. Preparation of legal documents and immigration forms is emphasized. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 216. Offered: Fall or Spring, as needed.

LAW 365 - Health Care Law (3 credits)

Studies the framework of regulation of the health care arena, including the credentialing of heath care professionals and how health insurance can define access to health care. Analysis of fraud and abuse legislation and regulations, including application of the law to hypotheticals, is covered. A review of the effect of antitrust legislation on health care business transactions is also included. The laws of birth and death will be examined.

Prerequisite: A grade of C or better in LAW 210. Offered: Fall or Spring, as needed.

LAW 375 - Environmental Law (3 credits)

Studies the major environmental statutes and regulations affecting the operations of business and industry. Topics include water pollution control, air pollution control, PCBs, asbestos, hazardous wastes, and other public health and safety regulations. Students will discuss the process developed by federal and state agencies for compliance with these regulations and the potential liabilities faced by employers and businesses. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 210. Offered: Fall or Spring, as needed.

LAW 380 - Mediation and Negotiation (3 credits)

Studies the role of mediation in resolving conflicts. This course includes an introduction to the skills and procedures needed to settle disputes and an examination of the dimensions and benefits of mediation and its use within the field of alternative dispute resolution.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153. Offered: Fall or Spring, as needed.

LAW 390 - Law Clinic (3 credits)

Integrates the classroom experience with practice as a paralegal. Clinic legal studies students participate in a wide range of clinical activities under the close and supportive supervision of a faculty attorney. Students learn what it means to be a paralegal by working with the economically disadvantaged and under-represented persons in the community and by analyzing this experience. While working with clients in various areas of law (such as tax law, family law, and bankruptcy law), students will explore a substantive area of law and its processes. Issues of professional responsibility are also considered. Students will meet periodically with other clinic students and the faculty attorney to discuss the area of substantive law, the paralegal skills they developed, and any ethical issues they encountered. This course may be repeated one time for credit.

Prerequisite: A grade of C or better in LAW 225. Offered: Fall or Spring, as needed.

LAW 404 - Advanced Constitutional Law (3 credits)

Analyzes the Fourteenth Amendment rights of due process and equal protection. This course also includes examination of principles involving the Commerce Clause and Commercial Free Speech and review of recent decisions by the Supreme Court that significantly impact the major areas of criminal and civil law.

Prerequisite: A grade of C or better in LAW 204. Offered: Fall or Spring, as needed.

LAW 423 - Advanced Real Estate (3 credits)

Expands on the principles of real property law into the more sophisticated areas of conveyancing, mortgage and equity financing, and forms of property ownership, preparing for settlements, recording of documents, and applications for title insurance. Residential and commercial transactions, including leasing, cooperatives and condominiums, timesharing, syndications, and tax implications are covered. Students focus on the distinctions among specific financial institutions, appraisers, real estate agents, and mortgage makers and

their roles in the real estate market. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 210 and any 300-level LAW course. Offered: Fall or Spring, as needed.

LAW 450 - Administrative and Government Law (3 credits)

Examines administrative law and policy at the federal and state levels. This course emphasizes how the administrative process functions in theory and in practice from the perspective of the lawyer and the paralegal. This course also includes rulemaking, both informal and formal, adjudication at the administrative level, judicial review, Freedom of Information and Public Information Act, and Federal and Maryland Administrative Procedure Acts. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 216. Offered: Fall or Spring, as needed.

LAW 462 - Advanced Contract Drafting (3 credits)

Instructs students in the skill of contract drafting. Students will learn the different parts of a contract and how to draft each part, to write provisions that are clear and unambiguous, then to organize the parts into a cohesive contract. Reviewing and commenting on contracts drafted by others will be studied. Students will consider ethical issues in drafting contracts. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 120 and LAW 210. Offered: Fall or Spring, as needed.

LAW 470 - International Business Law (3 credits)

Examines various aspects of international business law, including multi-national enterprises, trade in goods, services and labor, money and banking, foreign investment, sales, intellectual property, transportation, financing, taxation, environmental protection, and dispute resolution.

Prerequisite: A grade of C or better in LAW 130 and LAW 210 (for legal studies majors) or LAW 208 or LAW 308 (for business or accounting majors) and senior status. Cross-Listed as: INBUS 470. Offered: Fall or Spring, as needed.

LAW 480 - Legal Studies Capstone (3 credits)

Serves as a capstone course employing a broad range of substantive legal skills including legal research, legal writing, analytical reasoning, oral communication, professionalism, and technology. Through student projects in transactional law and/or litigation practice, students demonstrate their mastery of the legal studies curriculum by performing legal and administrative tasks required for paralegal employment. Students' professional portfolios are completed. Legal specialty course (LSC)

Prerequisite: A grade of C or better in LAW 210 and senior status. SEE Certification: Writing Intensive. Offered: Fall and Spring.

LDR - Leadership

LDR 101 - Foundations of Leadership (1 credit)

Introduces students to the theories and practice of leadership and provides a foundation for future study. Students will study leadership theories and apply those theories in leadership situations within and beyond the classroom. Students will explore the ways in which their values and ethics influence their individual approach to leadership and will practice team leadership through group activities. Students will also integrate their leadership skills with career preparation by analyzing personal and professional goals and exploring various career paths.

Prerequisite: Enrollment as a Leadership or Service Scholar. Offered: Fall.

LDR 201 - Leadership Development (1 credit)

Introduces students to concepts of leadership communication, including influence, motivation, and conflict resolution. Students will build on the foundations of leadership theory from LDR 101 and practice leadership skills with a focus on effective oral and written communication.

Prerequisite: LDR 101. Offered: Fall and Spring.

LDR 301 - Leadership from Theory to Practice (1 credit)

Provides opportunities for students to practice leadership skills and apply leadership theory. Students will study leadership theory, understand the differences between "management" and "leadership," and apply their knowledge in curricular, co-curricular, or community settings.

Prerequisite: LDR 101 and LDR 201. Offered: Fall and Spring.

LDR 401 - Leadership Capstone (1 credit)

Provides a capstone to the Leadership Scholars experience. Students will integrate their curricular and co-curricular work as Leadership Scholars with the work of their major and their career preparation. Students will design and complete a capstone project with guidance from a mentor.

Prerequisite: LDR 101, LDR 201, LRD 301. Offered: Fall and Spring.

MATH - Mathematics

MATH 005# - Foundations of Quantitative Reasoning (0 credits)

Reviews the foundational mathematics which students need to succeed in the university setting. This course will emphasize practical quantitative concepts and skills which appear throughout the university curriculum. Students will also learn strategies for learning and processing quantitative information, both with and without technology.

Prerequisite: By placement. Offered: Fall and Spring.

MATH 035# - Foundations of Mathematical Reasoning (0 credits)

Focuses on the foundational mathematics which students need to succeed in an introductory quantitative reasoning course. This course emphasizes practical quantitative concepts and skills which appear in the co-requisite course MATH 135, Introduction to Mathematical Reasoning. Students receive additional support and guided practice to facilitate student success in MATH 135.

Prerequisite: By placement. Corequisite: MATH 135. Offered: Fall and Spring.

MATH 036# - Foundations of Statistics (0 credits)

Focuses on the foundational mathematics which students need to succeed in an introductory statistics course. This course emphasizes practical quantitative concepts and skills which appear in the co-requisite course MATH 136, Introduction to Statistics. Students receive additional support and guided practice to facilitate student success in MATH 136.

Prerequisite: By placement. Corequisite: MATH 136. Offered: Fall and Spring.

MATH 037# - Foundations of College Algebra (0 credits)

Focuses on the foundational mathematics which students need to succeed in an introductory college algebra course. This course emphasizes practical quantitative concepts and skills which appear in the co-requisite course MATH 137, College Algebra. Students receive additional support and guided practice to facilitate student success in MATH 137.

Prerequisite: By placement. Corequisite: MATH 137. Offered: Fall and Spring.

MATH 135 - Introduction to Mathematical Reasoning (3 credits)

Surveys applications of various fields of mathematics to everyday life. Topics to be covered include calculation, measurement, and number sense; recognition and interpretation of growth patterns; mathematics in financial decisions; elementary statistics and probability and their uses in decision-making; and other applications. Students cannot receive credit for MATH 135 if they have received credit for MATH 133 or MATH 134.

Prerequisite: A grade of C or better in MATH 005# or by placement. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

MATH 136 - Introduction to Statistics (4 credits)

Introduces the student to basic data analysis. Methods include data collection and packaging, discriminating between valid and invalid uses of statistics, and elementary methods for decision making. Topics include measures of central tendency and dispersion, elementary probability, probability distributions, interval estimates of parameters, hypotheses testing, correlation, and regression. Course activities include elementary applications of statistics to a variety of disciplines. A TI-83, TI-83 Plus, TI-84 calculator, or TI-84 Plus is required for the course. Credit will not be granted for more than one of the following statistics courses: MATH 115, MATH 136, MATH 140, MATH 210, MATH 235, and PSY 136.

Prerequisite: A grade of C or better in MATH 005# or by placement. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

MATH 137 - College Algebra (4 credits)

Introduces the student to solution techniques for equations and inequalities, general properties of functions, properties of polynomials and rational functions, and systems of equations. Course activities emphasize applying acquired algebraic problem-solving techniques and reasoning to real-world and discipline-specific problems.

Prerequisite: A grade of C or better in MATH 005# or by placement. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

MATH 147 - Precalculus (4 credits)

Presents topics of algebra and trigonometry as a preparation for calculus. Topics covered include polynomial, rational, exponential, and logarithmic functions; trigonometry; and introductory calculus.

Prerequisite: A grade of C or better in MATH 005# or by placement. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

MATH 205 - Mathematics for Educators I (4 credits)

Develops mathematical content knowledge and pedagogical foundations required for pre-service teachers. The course emphasizes mathematical processes and problem solving, reasoning and proof, mathematical argumentation, and precise communication and use of vocabulary. Restricted to students in the School of Education.

Prerequisite: A grade of C or better in MATH 137. SEE Certification: Quantitative Literacy. Offered: Spring.

MATH 206 - Mathematics for Educators II (4 credits)

This course explores the development of mathematical content knowledge and pedagogical foundations required for pre-service teachers. The course emphasizes mathematical processes and problem solving, reasoning and proof, mathematical argumentation, and precise communication and use of vocabulary. Restricted to students in the School of Education.

Prerequisite: A grade of C or better in MATH 137. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

MATH 215 - Mathematics and Art (3 credits)

Explores the rich connections between mathematics and art. Students will learn about the interplay between mathematics and aesthetics in a range of cultural contexts and will have the opportunity to explore these connections in their own artworks. Students will explore the need for aesthetic considerations in communicating

mathematical data and the need for mathematical considerations in creating artwork. Students will travel to one or more destinations to see the mathematics behind art in another country. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in MATH 005# or by placement into MATH 135 or above. SEE Certification: Fine Arts and Quantitative Literacy. Offered: Winterim.

MATH 218 - Geometry (3 credits)

Examines the axiomatic structures of Euclidean geometry and introduces elementary non-Euclidean geometries for purposes of comparison. Geometric vocabulary, concepts, classical theorems, and proofs are emphasized.

Prerequisite: A grade of C or better in Math 147 or placement into MATH 220. Offered: Fall, even years.

MATH 220 - Calculus I (4 credits)

Introduces the students to calculus. Topics include functions, limits, continuity, derivatives, applications of derivatives, and integrals.

Prerequisite: A grade of C or better in MATH 147 or by placement. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

MATH 221 - Calculus II (4 credits)

Continues the study of calculus. Topics include basic differential equations, techniques of integration, improper integrals, and applications of integration, sequences and series.

Prerequisite: A grade of C or better in MATH 220. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

MATH 222 - Calculus III (4 credits)

Continues the study of calculus with analytic geometry. Topics include the conic sections, plane curves, vectors, parametric equations, and multivariable functions. The course will also cover further applications of motion, area and volume.

Prerequisite: A grade of C or better in MATH 221. Offered: Fall.

MATH 230 - Discrete Structures (3 credits)

Introduces the students to discrete mathematics. Topics include sets, functions, relations, graphs, digraphs, trees, recursion, proof techniques, and Boolean algebra. The relationship between these concepts and computers will be emphasized.

Prerequisite: A grade of C or better in MATH 147. Offered: Fall, odd years.

MATH 301 - Mathematical Structures (3 credits)

Introduces students to concepts and reasoning methods used in higher-level mathematics. This course will allow students to make the transition to abstract mathematical reasoning by exposing them to appropriate procedures for answering mathematical questions, forming conjectures, constructing proofs, and analyzing important mathematical constructs.

Prerequisite: A grade of C or better in a 200-level math course. Offered: Spring, odd years.

MATH 312 - Mathematical Statistics I (3 credits)

Introduces the foundations of statistical theory. This first course in a two-course sequence focuses on the theory and applications of probability and its fundamental role in statistical inference. Topics covered include probability axioms and rules, counting techniques, discrete and continuous univariate and multivariate probability distributions, mathematical expectation, variance, and covariance.

Prerequisite: A grade of C or better in MATH 221. Offered: Fall, even years.

MATH 313 - Mathematical Statistics II (3 credits)

Continues the study of the foundations of statistical theory. This second course in a two-course sequence focuses on the fundamental tools of statistical inference. Topics covered include basis sampling distribution theory, point estimation of parameters, interval estimation, tests of hypotheses, correlation, and regression.

Prerequisite: A grade of C or better in MATH 312. Offered: Spring, odd years.

MATH 314 - Biostatistics (3 credits)

Focuses on the application of descriptive and inferential statistics and data analysis to biomedical research and device development. Topics include probability distributions, hypothesis testing, design of experiments, clinical trial design, data science and bioinformatics. Ethical issues and patient protections in trial design, execution, data monitoring, analysis, and publication will also be covered. Use of statistical and data analysis software will be emphasized.

Prerequisite: A grade of C or better in MATH 221. Cross-Listed as: BME 314. Offered: Fall.

MATH 321 - Introduction to Differential Equations (3 credits)

Introduces the student to the application of calculus, particularly in the area of mathematical modeling. Topics covered include quantitative and qualitative solutions to ordinary differential equations and systems of equations. Computer-based numerical methods will be introduced. Discrete dynamical systems and chaotic systems will be covered as time permits.

Prerequisite: A grade of C or better in MATH 221. Offered: Spring.

MATH 326 - Linear Algebra (3 credits)

Introduces the student to linear algebra and its applications. Topics covered include systems of equations, matrix algebra, n-dimensional real vectors, abstract vector spaces, linear transformations, theoretical foundations and proofs.

Prerequisite: A grade of C or better in MATH 220. Offered: Fall, even years.

MATH 342 - Time Series Analysis (3 credits)

Focuses on the study of time series data. Topics discussed include correlation, forecasting, regression, and modeling. Students learn to use appropriate technology to analyze time series data sets and perform forecasting using that data.

Prerequisite: A grade of C or better in MATH 220. Offered: Spring.

MATH 345 - Actuarial Exam Review (1 credits)

Introduces students to the actuarial exam process and helps them review for the first Society of Actuaries professional examinations. Focus will be on a review of the material covered in calculus and mathematical statistics and/or actuarial mathematics as applied to actuarial topics. Course may be repeated for credit.

Corequisite: MATH 312 or MATH 420. Offered: Fall.

MATH 365 - Independent Research (3 credits)

Provides an opportunity to conduct independent research in an on-campus laboratory under the supervision of a Mathematics faculty member. This course may be repeated for credit. This course cannot be used as a substitute for the senior capstone requirement.

Prerequisite: Permission of the department chair. Offered: Fall or Spring, as needed.

MATH 418 - Mathematical Modeling (3 credits)

Engages students in creative and empirical model construction and analysis. Students analyze existing models and research models in specific disciplines to gain a deeper understanding of the behavior of that model.

Prerequisite: A grade of C or better in MATH 221. Offered: Spring, even years.

MATH 420 - Actuarial Mathematics (3 credits)

Introduces the student to the principles of interest theory and insurance. Interest theory topics include calculating effective yields, annuities, amortization schedules, and valuation of bonds and other securities. Insurance principles include the economics of insurance, measurements of mortality, and individual risk models.

Prerequisite: A grade of C or better in MATH 221. Offered: Fall, even years.

MATH 425 - Scientific Computer Programming (3 credits)

Explores the field of computer programming with an emphasis on scientific and mathematical applications. Students learn a high-level language and write solutions to scientific and mathematical problems using that language. This class will provide the fundamental knowledge of computer programming required in many careers in mathematics and the sciences.

Prerequisite: A grade of C or better in MATH 221. Offered: Fall, odd years.

MATH 442 - Numerical Analysis (3 credits)

Introduces students to the intricacies of numerical computation. Students will explore the challenges of numerical computation and methods to successfully compute given those limitations. Numerical calculations are studied with an emphasis on accuracy, precision, and efficiency. Students learn how to use appropriate technology to carry out numerical computations.

Prerequisite: A grade of C or better in MATH 220. Offered: Fall, odd years.

MATH 470 - Capstone Internship (3 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 120 hours of on-site work supervised by a mentor is required. This course is restricted to Applied Mathematics majors. Fees: transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level math courses; senior status in Applied Mathematics. Offered: Fall, Spring, and Summer.

MATH 471 - Capstone Internship (6 credits)

Provides an opportunity to gain professional experience. Students will integrate academic content into a research or internship experience. A minimum of 240 hours of on-site work supervised by a mentor is required. This course is restricted to Applied Mathematics majors. Fees: transportation and parking fees may be required.

Prerequisite: A grade of C or better in a minimum of two upper-level math courses; senior status in Applied Mathematics. Offered: Fall, Spring, and Summer.

MATH 475 - Capstone Seminar (3 credits)

Integrates the professional knowledge gained in the Capstone Seminar into the academic context. Emphasis is on honing oral and written skills. Students reflect on professional ethics and career direction. The course provides students with the skills to pursue that career direction after graduation. This course is restricted to Applied Mathematics majors. Fees: printing fees will be required.

Prerequisite: A grade of C or better in a minimum of two upper-level mathematics courses; senior status in Applied Mathematics. Corequisite: MATH 470 or MATH 471 or prerequisites. Offered: Fall and Spring.

MATH 490 - Special Topics in Applied Mathematics (3 credits)

Rotates subject matter to cover a variety of applied mathematics topics. Content is developed to expand on or complement existing mathematics courses. This course may be repeated for credit if topics are different.

Prerequisite: Permission of the instructor. Offered: Fall or Spring, as needed.

MDH - Medical Humanities

MDH 211 - Topics in History (3 credits)

Examines the history of medicine and the medical professions through the study of particular themes, individuals, events, or eras.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall, Winterim, and Spring.

MDH 215 - Ethics (3 credits)

Surveys and examines traditional ethical ideas in terms of their ability to help students address moral dilemmas and understand ethics in relation to laws, rights, and social well-being. Students address the strengths and weaknesses of ethical theories to clarify or resolve current moral controversies as well as to enhance their own efforts in leading a good or virtuous life. *A student may not receive credit for MDH 215 and PHIL 215.*

Prerequisite: A grade of C or better in ENG 152 or ENG 153, second-year status or higher, or permission of the instructor. SEE Certification: Humanities. Offered: Fall and Spring.

MDH 235 - Adult Development and Aging (3 credits)

Provides the student with an opportunity to learn the effects of a variety of physical, personal, psychological, and social issues faced by older adults and their families. Emphasis is placed on functional health status, social roles, social relationships, family issues, and the impact of these factors on specific services and the community at all levels.

Prerequisite: A grade of C or better in CHS 101; PSY 101 or SOC 101 (may be taken concurrently). Offered: Spring, even years.

MDH 281 - Topics in Literature (3 credits)

Studies representations of health, medicine, and the body in literature across time and/or across cultures. Students read texts closely and analyze them as representative samples of the literary treatment of these issues.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall, Winterim and Spring.

MDH 337 - Advanced Writing: Topics Medical Humanities (3 credits)

Develops advanced writing skills and strategies for composing texts in the medical humanities. Students learn conventions of writing genres in wide use in the medical humanities and produce original texts, emphasizing processes of close reading, workshop, and revision. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in a 200-level WI course. SEE Certification: Writing Intensive. Offered: Fall or Spring.

MDH 350 - Topics in Interdisciplinary Studies (3 credits)

Examines the medical humanities from multiple disciplinary perspectives and explores how the medical humanities can enrich the experience of practitioners and patients.

Prerequisite: Third-year status or permission of the program coordinator of Interdisciplinary Studies. Offered: Fall and Spring.

MGT - Management

MGT 204 - Principles of Management (3 credits)

Examines theories and principles underlying the management process. Students discuss fundamental management activities including planning, organizing, leading, controlling, and decision making.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently). SEE Certification: Social Science. Offered: Fall and Spring.

MGT 210 - Business Writing (3 credits)

Focuses on the purposes, principles, and techniques of business writing. The course provides students with a review of the basics in writing while using a variety of operational workplace writing exercises. Students will apply advanced critical thinking ability and analytical competencies to develop overall writing ability.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 or equivalent. SEE Certification: Writing Intensive. Offered: Fall and Spring.

MGT 224 - Principles of Entrepreneurship (3 credits)

Examines the elements of a successful entrepreneur and the role of entrepreneurial ventures in the U.S. economy. Students will scrutinize the business skills and commitment required to successfully start and build a small business. The course is organized around three themes: 1) the personal qualities of the entrepreneur; 2) how to know and capture business opportunities; and 3) how to obtain and amass resources to start and build a small business. Through case studies and the models of entrepreneurship, students will assess their own entrepreneurial competencies.

Prerequisite: A grade of C or better in MGT 204. Offered: Fall and Spring.

MGT 235 - Introduction to Sport Management (3 credits)

Examines the similarities and differences in managing sport organizations in five different sport-related industries including professional sport teams; college and secondary athletic departments; recreational sport facilities; exercise and fitness facilities; and individually owned companies. Each type of organization is studied to determine how the industry's focused structure and mission relate to the organizational design, planning, decision-making process, budget, human resource and operational requirements, and governance.

Prerequisite: A grade of C or better in MGT 204. Offered: Fall and Spring.

MGT 300 - Applied Business Analytics (3 credits)

Discovers how applied business analytics is used to support business decisions, solve problems and add value to a business. Students will learn the basic concepts, tools and techniques of applied business analytics and data mining, formulate evidence-based decisions and solutions to business problems, and communicate their findings and recommendations in a form of effective business reports and presentations. Emphasis is on building, interpreting, and applying statistical and algebraic linear decision models using Excel and other business software.

Prerequisite: A grade of C or better in IS 135, MATH 136 or MATH 312, ACC 141, and EC 202. Cross-Listed as: MKT 301. Offered: Fall and Spring.

MGT 308 - Business Ethics (3 credits)

Explores ethical theories, critically and historically, as they relate to contemporary business conduct and issues. Students who have taken PHIL 415 or PHIL 416 are not eligible to take MGT 308.

Prerequisite: A grade of C or better in MGT 204 and MGT 210 or MKT 210.. SEE Certification: Writing Intensive. Offered: Fall and Spring.

MGT 310 - Organizational Behavior (3 credits)

Examines human resource problems and the integration of management theory and behavioral concepts as they relate to modern organizations. Topics discussed include leadership and motivation, job satisfaction, conflict resolution, power and politics, group dynamics, and managerial skills.

Prerequisite: A grade of C or better in MGT 204 or CHS 340. Offered: Fall and Spring.

MGT 313 - Operations Management (3 credits)

Investigates effective operating control in businesses and the interrelationship between operations and other functions of an organization. Topics include operating strategy, production planning, quality management, inventory management, project management, and technology assessment.

Prerequisite: A grade of C or better in IS 135, MGT 204, and MATH 136 or MATH 312. Corequisite: FIN 300. Offered: Fall and Spring.

MGT 315 - International Business Management (3 credits)

Examines international business activities and how business and management decisions are affected by international politics, treaties, and agreements. This course also discusses differences in customs and ethics, changes in monetary exchange rates, uses of foreign labor, and effects of natural events on management decisions.

Prerequisite: A grade of C or better in MGT 204 and MKT 206. Cross-Listed as: INBUS 315. Offered: Fall and Spring.

MGT 318 - Human Resource Management (3 credits)

Examines human resource management and the role of line managers and HR professionals in recruiting, developing, and retaining a competent work force. Discussion will also include job analysis and design, human resource planning, compensation, benefits, labor relations, equal opportunity employment laws, work force diversity, and global competitiveness. This course prepares students to sit for the Professional in Human Resources (PHR) exam.

Prerequisite: A grade of C or better in MGT 204 or CHS 340 and sophomore or higher status.. Offered: Fall.

MGT 320 - Employee Compensation and Benefits (3 credits)

Identifies the frameworks for designing and implementing organizational compensation and benefit programs. Students will examine the context of compensation and benefit routines, the criteria and protocols used to compensate employees, compensation system designs, required employee benefits, and contemporary challenges that compensation and benefits professionals face from an organization's external and internal viewpoint.

Prerequisite: A grade of C or better in MGT 318. Offered: Fall or Spring.

MGT 321 - Employee Training and Development (3 credits)

Examines organizational approaches and strategies that facilitate employee learning, growth, and improvement. Topics included are: contributions of training and development to overall organizational goals; instructional design and implementation of recommended training programs and resources; use of technology to facilitate training; development of appropriate learning strategies and materials; program evaluation, and management of training in an organizational environment. Responsibilities and competencies of the HR training and development professional will be considered.

Prerequisite: A grade of C or better in MGT 318. Offered: Fall or Spring.

MGT 323 - Social Entrepreneurship (3 credits)

Examines entrepreneurship from the perspective of solving social, environmental, or economic equality issues within a community, region, or nation. The course will focus on organizational ventures that are dedicated to responding to a particular social concern rather than measuring success only from the financial bottom line. Students will apply the most effective skills and strategies from business and nonprofit organizations to special projects and case studies to identify and resolve a particular social problem.

Prerequisite: A grade of C or better in MGT 224 or permission of the department chair. Offered: Fall or Spring.

MGT 324 - Entrepreneurial Business Planning (3 credits)

Provides the structural and hands-on elements to develop a business plan based on market research outcomes and related strategies. Emphasis is placed on entrepreneurial finance, marketing, required business resources, leadership, legal structure, and risks assessment. Students will learn how to organize and articulate business elements necessary to write a successful business plan. Business plans will be created by students working alone and in teams. Upon completion of the course, students will have developed a comprehensive business plan that can be used as the basis to start a new venture and to support requests for external capital funding.

Prerequisite: A grade of C or better in MKT 206 and MGT 224. Offered: Fall or Spring.

MGT 330 - Introduction to Public Administration (3 credits)

Examines the theory and practice of administration and management of governmental operations, politics, policy, and the bureaucracy. This course discusses the role and trends of administration in the American public sector, the unique circumstances involved in administering public organizations, and the different techniques of public management. Functional operations and processes as they are administered in the public sector are also analyzed.

Prerequisite: A grade of C or better in MGT 204. Offered: Fall or Spring.

MGT 335 - Management of Sport Enterprises (3 credits)

Examines a framework for strategic planning analysis for individuals wishing to work in a sport-related organization, with a sports team, or managing all or part of a sport facility. Students will study the unique aspects of the major types of sport enterprises and prepare a comprehensive business plan using the policies and methods for the type of enterprise assigned. Additional case studies and student assignments will offer an opportunity for comparative study of the types of organizations included within the sport enterprise archetype.

Prerequisite: A grade of C or better in MGT 235. Offered: Fall.

MGT 340 - Organizational Leadership (3 credits)

Examines leadership in organizations and the personal approaches necessary for effective leadership and followership under a variety of conditions. Leadership theories and research including traditional and contemporary perspectives are reviewed.

Prerequisite: A grade of C or better in MGT 204 or permission of the department chair. Offered: Spring.

MGT 347 - International Human Resource Management (3 credits)

Examines the administrative and structural human resource challenges for organizations that have operations outside the United States. Students will differentiate international from domestic HR practices as they relate to organizational employee requirements. Emphasis will be placed on specific factors that need to be considered in making international human resource management decisions. Specifically, the course will focus on understanding and managing cultural differences in foreign countries; preparing and managing organizational expatriates; designing and aligning organizational HR practices for global organizations; and designing formal working structures for international HR departments.

Prerequisite: A grade of C or better in MGT 204 or CHS 340 and sophomore or higher status. Cross-Listed as: INBUS 347. Offered: Fall or Spring.

MGT 355 - Special Topics in Management (1 - 3 credits)

Examines current interest areas of management that are not covered in other MGT courses or that build upon and extend the foundations developed in existing MGT courses. Emphasis will be placed on developing professional competencies through the study of special Management topics. The course topic will differ with each offering of the course and will be specified in the class schedule for the session offered. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in MGT 204 and MKT 206. Offered: Fall, Winterim, Spring, or Summer, as needed.

MGT 413 - Project Management (3 credits)

Examines the tools and techniques necessary to manage resources to meet project objectives. Topics include project scheduling, time-cost trade-offs, budgeting, cost control, and project monitoring, as well as project organization, team development, and risk management.

Prerequisite: A grade of C or better in MGT 313 and ACC 141. Offered: Fall or Spring.

MGT 417 - Business Internship (3 - 6 credits)

Places students in an external business, government, or not-for-profit organization that offers a well-rounded, supervised, practical career experience appropriate for business majors. A minimum of 120 hours over 8 weeks or more of supervised work at the internship site is required for a 3-credit internship. Each additional credit requires 40 hours of on-the-job and/or classroom work. Students can complete up to 2 different internships, 3-6 variable credits each, not to exceed 9 credits in total. Course is repeatable for credit, subject to Department Chair's approval.

Prerequisite: A grade of C or better in MGT 204, MKT 206, junior status, minimum 2.50 cumulative GPA. Offered: Fall and Spring.

MGT 420 - International Operations Management (3 credits)

Examines the strategic and tactical aspects of international operations and global supply chain management. Topics discussed include the full supply chain management cycle beginning with global operational issues, raw material procurement, production, warehousing, and delivery of finished goods to end customers. This course will focus on key differences between domestic and international operations and contemporary supply chain challenges presented by globalization.

Prerequisite: None. Corequisite: MGT 313. Cross-Listed as: INBUS 420. Offered: Fall or Spring, as needed.

MGT 422 - Strategic Management (3 credits)

Investigates the theories, techniques, and models of organizational strategy formulation and implementation. Students will examine all facets of the strategic planning process including the impact and implications of: the current competitive position of an organization, emerging trends affecting the success of an organization, alternate strategic options, the development of a formal strategic plan, and implementation and evaluation of new strategies.

Prerequisite: A grade of C or better in FIN 300 or FIN 303, MGT 210, MGT 310, and MKT 206. Offered: Fall and Spring.

MGT 424 - Entrepreneurial Development (3 credits)

Examines effective marketing strategies and tools that should be used by the entrepreneur. Students will learn the process of idea generation, opportunity analysis and assessment of initial feasibility of new venture concepts developed in response to market demand, technological change and/or social need.

Prerequisite: A grade of C or better in MGT 324. Offered: Fall or Spring.

MGT 430 - Business Capstone Seminar (3 credits)

Develops the ability to recognize, analyze, and define problems within and outside the organization, to identify management choices, and to implement appropriate strategic action. This course stresses the assessment of the short- and long-term implications of taking certain actions. This course uses a broad range of research methodologies, traditional and electronic data sources, and primary research in investigating and solving business problems.

Prerequisite: A grade of C or better in FIN 300 or FIN 303, MGT 300, MGT 308, MGT 310, MGT 313 and MKT 206. Corequisite: MGT 312 or MGT 422. Offered: Fall and Spring.

MGT 440 - Leadership and Service Learning (3 credits)

Develops leadership, business, and change management skills to help students identify, analyze, and solve problems relating to social responsibility within an actual business organization. Students spend class time discussing leadership theory, learning leadership skills and practices, and engaging in self-discovery. Working in teams, students also apply that knowledge and skill in working with an external organization to identify and resolve issues and problems relating to community service and social responsibility. This course is open to students from all academic disciplines by application. Please see an academic advisor for more information.

Prerequisite: Junior or senior status. Offered: As needed.

MKT - Marketing

MKT 206 - Principles of Marketing (3 credits)

Examines the relationship between an organization and the market for its goods and services. Topics covered include the marketing concept, marketing planning, consumer behavior, research, product development, and the marketing mix. Social, ethical, and international aspects of marketing are emphasized.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 or equivalent (may be taken concurrently). Offered: Fall and Spring.

MKT 208 - Introduction to Digital Marketing (3 credits)

Explores the use of electronic marketing strategies and solutions to expand and enhance traditional marketing programs within firms. Topics covered include search engine marketing, e-mail marketing, e-business models, performance metrics, and the role of internet based strategic planning. Social, ethical, and international aspects of e-marketing are emphasized.

Prerequisite: A grade of C or better in MKT 206. Offered: Fall or Spring.

MKT 210 - Strategic Marketing Communication (3 credits)

Prepares students to be effective marketing communicators in the increasingly digital environment. The course provides a review of the fundamental skills that constitute the basis for proficient writing in the professional marketing communication environment. Students will develop a framework for the creation of professional written pieces through lectures about the craft of writing for a targeted marketing audience, practice in the writing and revision of specific marketing assignments, and continuous peer and faculty feedback.

Prerequisite: A grade of C or better in ENG 152 or in ENG 153, or equivalent. SEE Certification: Writing Intensive. Offered: Spring.

MKT 301 - Applied Marketing Analytics (3 credits)

Discovers how applied marketing analytics is used to support business decisions, solve problems and add value to a business. Students will learn the basic concepts, tools and techniques of applied marketing analytics and data mining, formulate evidence-based decisions and solutions to business problems, and communicate their findings and recommendations in a form of effective marketing reports and presentations.

Emphasis on building, interpreting, and applying statistical and algebraic linear decision models using Excel and other business software.

Prerequisite: A grade of C or better in IS 135; MATH 136 or MATH 312; ACC 141, and EC 202. Cross-Listed as: MGT 300. Offered: Fall.

MKT 305 - Market Research (3 credits)

Identifies and applies market research concepts, principles, and practices for use in managerial decision making. Students will develop skills in problem identification and learn to utilize research in problem solving. Content will make use of qualitative and quantitative methods for research design, field work, analysis, and report presentation. Successful completion of this course will prepare students for careers directly related to applied marketing research.

Prerequisite: A grade of C or better in MKT 311 and MATH 136. Offered: Fall or Spring.

MKT 307 - Market Research (3 credits)

Identifies and applies market research concepts, principles, and practices for use in managerial decision making. Students will develop skills in problem identification and learn to utilize research in problem solving. Content will make use of qualitative and quantitative methods for research design, field work, analysis, and report presentation. Successful completion of this course will prepare students for careers directly related to applied marketing research.

Prerequisite: A grade of C or better in MKT 311 and MATH 136. SEE Certification: Writing Intensive. Offered: Fall or Spring.

MKT 311 - Consumer Behavior (3 credits)

Examines consumer behavior as a fundamental component of the marketing process of identifying and satisfying target customers' wants and needs. The course will focus on how and why individuals make decisions to spend their available resources on consumption-related items. It will integrate consumer behavior with marketing strategy by examining the marketing influences of and responses to consumer behavior. Topics include the consumer as an individual and the internal influences of consumer behavior, consumers in their social and cultural settings and the external influences on consumer behavior, the consumer's decision-making process, and the impact on marketing strategy.

Prerequisite: A grade of C or better in MKT 206. Offered: Fall and Spring.

MKT 315 - Sports Marketing (3 credits)

Examines the application of marketing strategy and activity to a sports enterprise setting, including leagues, teams, events, and individuals. Topics include the impact of external, uncontrollable environments; the application of targeting and positioning strategies; the sport product and branding; event pricing and distribution strategies; and the use of appropriate, effective promotion tools.

Prerequisite: A grade of C or better in MKT 206. Offered: Fall and Spring.

MKT 316 - Principles of Negotiation and Sales (3 credits)

Examines the concepts, applications, and interrelationships involved in the process of negotiation. The course will also examine the wide range of negotiations in contemporary life and the evolution of the role of sales to that of technical problem-solving and advising. The issue of ethics and ethical behavior in negotiation and sales will be a perspective in all discussions.

Prerequisite: A grade of C or better in MGT 204 and MKT 206. Offered: Fall and Spring.

MKT 320 - Advanced Digital Marketing (3 credits)

Examines social media marketing applications and their ability to drive awareness, retention, and brand loyalty for business. Students will focus on social media marketing as it relates to other marketing strategies to assess social media metrics, gain consumer insights, and support specific business/marketing goals. Topics covered include the rules of engagement for social media, zones of social media, online advertising, and reputation management.

Prerequisite: A grade of C or better in MKT 208 and MKT 311. Offered: Fall or Spring.

MKT 325 - International Marketing (3 credits)

Examines the economic, cultural, political, and technological factors that affect the marketing of goods, services, and experiences worldwide. Emphasis is on the problems and decisions involved across and within international borders, and the structure in international markets. Students will gain insight into developing marketing strategies outside the U.S.

Prerequisite: A grade of C or better in MKT 206. Cross-Listed as: INBUS 325. Offered: Fall and Spring.

MKT 330 - Strategic Marketing for Entrepreneurs (3 credits)

Examines effective marketing strategies and tools that should be used by the entrepreneur. Students will learn the process of idea generation and screening, how to develop market critical analysis, and the methodology to set appropriate marketing objectives for a specific company. Students will design a marketing campaign using current forms of electronic media.

Prerequisite: A grade of C or better in MKT 206 and MGT 224. Offered: Fall or Spring.

MKT 336 - Integrated Marketing Communication (3 credits)

Examines the social and economic roles, principles, and applications of all forms of promotional tools in the development of integrated marketing communications programs. Included are advertising, sales, sales promotion, direct marketing, and public relations, with domestic and international perspectives.

Prerequisite: A grade of C or better in MKT 206 and MKT 311. Offered: Fall and Spring.

MKT 355 - Special Topics in Marketing (1 - 3 credits)

Examines current interest areas of marketing that are not covered in other MKT courses or that build upon and extend the foundations developed in existing MKT courses. Emphasis will be placed on developing career competencies through the study of special Marketing topics. The course topic will differ with each offering of the course and will be specified in the class schedule for the session offered. This course may be repeated for credit if the topics are different.

Prerequisite: A grade of C or better in MKT 206 and MGT 204. Offered: Fall, Winterim, Spring, or Summer, as needed.

MKT 400 - Marketing Management (3 credits)

Discovers how applied marketing analytics is used to support business decisions, solve problems and add value to a business. Students will learn the basic concepts, tools and techniques of applied marketing analytics and data mining, formulate evidence-based decisions and solutions to business problems, and communicate their findings and recommendations in a form of effective marketing reports and presentations. Emphasis on building, interpreting, and applying statistical and algebraic linear decision models using Excel and other business software.

Prerequisite: A C or better in MKT 206, ACC 141, and MATH 136. Corequisite: EC 202. Offered: Fall or Spring.

MKT 410 - Strategic Marketing Cases (3 credits)

Develops the student's ability to identify, analyze, and resolve marketing problems using the case analysis method. Topics include target market selection, new product introduction, use of research, branding and promotion activity, and financial implications of alternatives under consideration.

Prerequisite: A grade of C or better in MKT 206 plus one additional MKT course. Offered: Fall or Spring.

MKT 417 - Marketing Internship (3 - 6 credits)

Places students in an external business, government, or not-for-profit organization that offers a well-rounded, supervised, practical career experience in marketing. A minimum of 120 hours over 8 weeks or more of supervised work at the internship site is required for a 3-credit internship. Each additional credit requires 40 hours of on-the-job and/or classroom work. Students can complete up to 2 different internships, 3-6 variable credits each, not to exceed 9 credits in total. Course is repeatable for credit, subject to Department Chair's approval.

Prerequisite: A grade of C or better in MGT 204, MKT 206, junior status, and a minimum 2.50 cumulative GPA. Offered: Fall and Spring.

MKT 430 - Marketing Capstone Seminar (3 credits)

Provides the platform to develop, implement, and evaluate digital marketing strategy based on client goals. Students will conduct research, strategic analysis, and assessment of client constraints. Students will gather real-time understanding about customers as they interact with a brand through social media content, digital advertising, and the organization's website. This course will challenge students to apply their knowledge, skills, and abilities from previous courses in the major to develop a comprehensive digital marketing project for a real business. Students will also develop a hands-on understanding of many common social and digital media tools.

Prerequisite: A grade of "C" or better in MKT 301, MKT 305, MKT 336 and MKT 400. Offered: Fall and Spring.

MLS - Medical Laboratory Science

MLS 210 - Principles of Laboratory Science (3 credits)

Introduces the student to the medical laboratory profession by providing a discussion of the organization of an accredited clinical laboratory and regulatory agencies, principles of laboratory and patient safety, instruction in medical terminology, principles of quality control and quality assurance, professional conduct and ethical considerations relevant to the clinical laboratory, including HIPAA regulations, and instruction in phlebotomy. The student will perform calculations required to prepare laboratory solutions and dilutions.

Prerequisite: A grade of C or better in CHEM 116, CHEM 116L and MATH 136. Offered: Spring.

MLS 310 - Hematology I (3 credits)

Introduces the fundamental concepts in hematology with in-depth study of hematopoiesis, erythropoiesis, anemias, and hemoglobinopathies. Granulopoiesis and qualitative white blood cell abnormalities are introduced. Topics include normal and abnormal hematology, normal physiology and pathophysiology, and the correlation of laboratory data to diagnosis.

Prerequisite: A grade of C or better in BIO 322 (may be taken concurrently). Corequisite: MLS 310L. Offered: Spring.

MLS 310L - Hematology I Laboratory (1 credit)

Emphasizes laboratory procedures in routine hematology and morphologic skills. Students learn to proficiently identify normal and abnormal cellular morphology and inclusions in peripheral blood smears, and correlate abnormal morphology to disease states.

Prerequisite: A grade of C or better in BIO 322 (may be taken concurrently). Corequisite: MLS 310. Offered: Spring.

MLS 311 - Communication and Cultural Competence in Health Care (3 credits)

Explores the intersection of communication and culture in the context of health and healthcare. Theoretical models and assessment tools are utilized to examine the diversity of cultural beliefs, values, practices, legal-ethical concerns, and communication that impact the health of individuals, families and groups. These theories and skills

will help students to perform competently within a diverse healthcare context.

Prerequisite: Third-year status in the Medical Laboratory Science program. Cross-Listed as: NURS 311. SEE Certification: Communication Intensive. Offered: Fall.

MLS 315 - Clinical Mycology, Parasitology and Virology (2 credits)

Emphasizes the correlation of in vitro and in vivo findings in the diagnosis and treatment of commonly isolated pathogenic fungi, parasites and viruses. The systems of the body will be discussed in terms of modes of transmission, mechanisms of pathogenicity, symptomatology and reproduction and dispersal. Proper specimen collection and processing, laboratory identification methods and treatment options are highlighted.

Prerequisite: A grade of C or better in BIO 203. Offered: Fall.

MLS 320 - Urinalysis and Body Fluids (2 credits)

Applies an in-depth study of the anatomy and physiology of the genitourinary system and the principles and procedures of the complete urinalysis, including physical, chemical, and microscopic examinations. This course also covers other body fluids, including cerebrospinal, synovial, serous, seminal, amniotic, gastric, and fecal analysis. Topics include specimen collection and handling, analyses, and correlation with disease states.

Prerequisite: A grade of C or better in BIO 322. Corequisite: MLS 320L. Offered: Fall.

MLS 320L - Urinalysis and Body Fluids Laboratory (1 credit)

Emphasizes the physical, chemical, and microscopic examination of urine, and manual and automated chemical dipstick urinalysis. Students also perform analyses of other body fluids, including manual cell counts and cell identification.

Prerequisite: A grade of C or better in BIO 322. Corequisite: MLS 320. Offered: Fall.

MLS 325 - Clinical Chemistry I (3 credits)

Provides a study of the analyses of the chemical constituents of the blood and other body fluids, emphasizing appropriate anatomy and physiology, specimen processing, correlation of normal and pathologic physiology, and diagnostic implications in health and disease. Students learn the applications of UV-visible and atomic absorption spectrophotometry, electrophoresis, potentiometry, as applied to ion-specific electrodes, and molecular and immunochemical techniques in the clinical chemistry laboratory.

Prerequisite: A grade of C or better in BIO 217 or CHEM 210 and BIO 322. Corequisite: MLS 325L. Offered: Fall.

MLS 325L - Clinical Chemistry I Laboratory (1 credits)

Provides laboratory exercises that emphasize analytical accuracy and precision, using both manual techniques and automated laboratory instruments. Students will apply the principles and practices of quality control/ quality assurance to interpret data and trouble-shoot procedures and instrumentation.

Prerequisite: A grade of C or better in BIO 217 or CHEM 210 and BIO 322. Corequisite: MLS 325. Offered: Spring.

MLS 330 - Clinical Microbiology I (3 credits)

Discusses infectious bacterial diseases of humans. This course uses a taxonomic approach to the study of the pathogenesis, clinical syndromes, epidemiology, treatment and laboratory identification of human bacterial pathogens.

Prerequisite: A grade of C or better in BIO 203. Corequisite: MLS 330L. Offered: Spring.

MLS 330L - Clinical Microbiology I Laboratory (1 credit)

Provides laboratory experience in performing and interpreting phenotypic and serologic tests used to identify commonly isolated bacterial pathogens, including identification of unknowns and antimicrobial susceptibility testing.

Prerequisite: A grade of C or better in BIO 203. Corequisite: MLS 330. Offered: Spring.

MLS 335 - Clinical Laboratory Management (3 credits)

Provides an introduction and overview of management concepts strategic to the successful operation of a clinical laboratory. Students are introduced to management theory and practice, organizational structures, leadership functions, job descriptions, personnel performance management and appraisal, competency assessment, budgeting and financial management, laboratory operations, and computer applications, with additional discussions of current trends in laboratory services. Using a problem-based learning approach, professional responsibility, ethics, problem-solving, team-building, and interpersonal skills are integrated throughout the course content.

Prerequisite: Senior year status in the Medical Laboratory Science program. Offered: Fall.

MLS 338 - Molecular and Immunologic Diagnostics (3 credits)

Provides the basic skills, concepts and theoretical background needed to work in a clinical immunology and molecular laboratory. Immunology topics include antigens, antibody structure and function, humoral and cellular immune responses, immunodeficiency, autoimmunity, hypersensitivity, and transplantation. Molecular biology topics include analysis of nucleic acids for normal variations, inherited disorders, cancer detection, and infectious diseases.

Prerequisite: A grade of C or better in BIO 203 and BIO 230. Corequisite: MLS 338L. Offered: Fall.

MLS 338L - Molecular and Immunologic Diagnostics Laboratory (1 credit)

Provides laboratory experience in serological techniques including rapid agglutination, immunochromatographic and enzyme immunoassays. Molecular laboratory exercises include interpreting and analyzing PCR products in the application of determining paternity, identifying genetic mutations, and forensic exclusion, sequencing techniques and microarray. Students will apply the principles and practices of quality control/ quality assurance to interpret data and trouble-shoot procedures.

Prerequisite: A grade of C or better in BIO 203 and BIO 230. Corequisite: MLS 338. Offered: Fall.

MLS 405 - Transfusion Medicine (4 credits)

Discusses the theoretical and practical concepts of blood banking and transfusion medicine. Introductory topics include donor screening and selection, basic blood group serology, component processing and therapeutic use, hemolytic disease of the fetus and newborn, adverse reactions to transfusion, and quality assurance in the blood bank. Advanced topics include transfusion therapy, adverse complications of transfusion, blood inventory management, autoimmune hemolytic anemia and regulatory issues in the blood industry. In the laboratory, students perform ABO/Rh grouping, antibody screening, compatibility testing, antibody identification, and component modification.

Prerequisite: A grade of C or better in MLS 310 and MLS 338. Offered: Fall.

MLS 410 - Hematology II (3 credits)

Continues with the concepts in MLS 310, this course is an advanced study of the pathophysiology, laboratory diagnosis, clinical correlation and peripheral blood identification of quantitative and qualitative white cell disorders, acute and chronic leukemias, and myeloproliferative, myelodysplastic, lymphoproliferative and plasma cell disorders. Topics in coagulation cover normal hemostasis and disorders in the clotting mechanism, therapeutic anticoagulants, pathologic inhibitors, and thrombotic disorders. Laboratory exercises concentrate on identification of precursor white cells and white cell disorders in peripheral smears. Students are introduced to bone marrow evaluation, coagulation testing procedures, automated instrumentation, and flow cytometry.

Prerequisite: A grade of C or better in MLS 310, MLS 310L and MLS 338. Offered: Fall.

MLS 420 - Clinical Microbiology II (4 credits)

Emphasizes the correlation of in vitro and in vivo findings in the diagnosis and treatment of infectious diseases using a specimen approach to the study of diagnostic microbiology. The systems of the body will be discussed in terms of normal flora, proper specimen collection and processing, the isolation, identification, and treatment of pathogens from various body sites, and correlation with infectious diseases. Laboratories are designed to simulate a clinical microbiology laboratory experience by having students work with simulated patient cultures.

Prerequisite: A grade of C or better in MLS 330 and MLS 338. Offered: Fall.

MLS 425 - Clinical Chemistry II (3 credits)

Continues the curriculum introduced in MLS 325, expanding into more complex analytes including hormones, enzymes, tumor markers, cardiac markers, and electrolyte disorders. This course also includes the clinical areas of toxicology, therapeutic drug monitoring, endocrinology, and immunochemistry. It emphasizes the analytes, testing methods, and disease processes using a body systems approach, with additional training in laboratory data analysis, quality control, and quality improvement. Using simulation exercises and team projects, students gain experience in the development of SOPs, reference interval studies, and new method or instrument validation studies.

Prerequisite: A grade of C or better in MLS 325 and MLS 338. Offered: Fall.

MLS 430 - Professional Research and Writing (4 credits)

Uses the principles and practices of research design and evidence-based guidelines to evaluate published studies in the field of medical laboratory science and apply the results of a clinical research study to practice. Working collaboratively with a team leader or manager within the clinical laboratory, students research an institutional study or project, and present their findings in a professional poster and oral presentation. Additional writing projects allow students to demonstrate understanding of laboratory regulatory compliance, clinical decision making and educational methodologies to provide patient and provider education.

Prerequisite: Senior year status in the Medical Laboratory Science program. SEE Certification: Writing Intensive. Offered: Spring.

MLS 431 - Clinical Chemistry Practicum (3 credits)

Applies laboratory theory and techniques in the major disciplines of clinical chemistry and immunology through a supervised rotation at an affiliated hospital laboratory. Fee(s): Parking fees may be required for rotations at affiliate hospitals.

Prerequisite: A grade of C or better in MLS 425. Offered: Spring.

MLS 432 - Clinical Hematology Practicum (3 credits)

Applies laboratory theory and techniques in the major disciplines of hematology and urinalysis through a supervised rotation at an affiliated hospital laboratory. Fee(s): Parking fees may be required for rotations at affiliate hospitals.

Prerequisite: A grade of C or better in MLS 410. Offered: Spring.

MLS 433 - Clinical Microbiology Practicum (3 credits)

Applies laboratory theory and techniques in the major discipline of microbiology through a supervised rotation at an affiliated hospital laboratory. Fee(s): Parking fees may be required for rotations at affiliate hospitals.

Prerequisite: A grade of C or better in MLS 420. Offered: Spring.

MLS 434 - Clinical Immunohematology Practicum (3 credits)

Applies laboratory theory and techniques in the major discipline of transfusion medicine through a supervised rotation at an affiliated hospital laboratory. Fee(s): Parking fees may be required for rotations at affiliate hospitals.

Prerequisite: A grade of C or better in MLS 405. Offered: Spring.

Military Science

ROTC - Military Science Army

ROTC 374.101 - Introduction to the Army (2 credits)

Introduces Cadets to the Army and the Profession of Arms. Cadets will examine the Army Profession and what it means to be a professional in the U.S. Army. The overall focus is on developing basic knowledge and comprehension of the Army Leadership Requirements Model while gaining a big picture understanding of the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army, and its advantages for the Cadet. Cadets also learn how resiliency and fitness support their development as an Army leader.

Corequisite: Must be taken concurrently with 374.110. Offered: At JHU.

ROTC 374.102 - Foundations of Agile and Adaptive Leadership (2 credits)

Produces a Cadet who accepts the Army as a values-based organization and embraces the scholar-athlete-warrior ethos; who is familiar with individual roles and responsibilities in support of team efforts and problem-solving processes in military and non-military situations; who demonstrates oral and written communication skills, understands resilience, and demonstrates a commitment to learning. MSL102 introduces Cadets to the Army and the Profession of Arms. Cadets will examine the Army Profession and what it means to be a professional in the U.S. Army. The overall focus is on developing basic knowledge and comprehension of the Army Leadership Requirements Model while gaining a big picture understanding of the Reserve Officers' Training Corps (ROTC) program, its purpose in the Army, and its advantages for the Cadet.

Corequisite: Must be taken concurrently with 374.120. Offered: At JHU.

ROTC 374.110-120 - Basic Leadership Laboratory I, II (1 credit)

Exposes Cadets in a laboratory environment to practical experiences, challenges and individual learning opportunities in a small group. Cadets learn the fundamentals of an organization and apply principles of leadership and management at the foundation level. Cadets develop military courtesy, organizational discipline, communication and basic leadership and management skills. Ultimately, Cadets understand how to facilitate and lead a small group of four to five people as an integral part of a larger organization of 75-100 people through situational training opportunities in a variety of conditions. As a leadership practicum, Cadets have the opportunity to serve in leadership positions and receive tactical and technical training. In addition to learning to lead groups of five to 100 people, Cadets will also be exposed to training on first aid, operating Army equipment, Army activities such as rappelling and drill and ceremony. These laboratories are required for enrolled ROTC participants who desire to be considered for a commission in the Army.

Corequisite: Must be taken concurrently with 374.101-102. Offered: At JHU.

ROTC 374.201 - Leadership and Decision Making (2 credits)

Produces a Cadet grounded in foundational leadership doctrine and skills by following and leading small units to achieve assigned missions; who applies critical thinking and problem-solving using Troop Leading Procedures (TLP); who comprehends the value of diversity and understands the officer's role in leading change; understands the fundamentals of the Army as a profession. The outcomes are demonstrated through Critical and Creative Thinking and the ability to apply Troop Leading Procedures (TLP) to apply Innovative Solutions to Problems. The Army Profession is also stressed through leadership forums and a leadership self-assessment. Cadets are then required to apply their knowledge outside the classroom in a hands-on performance-oriented environment during Leadership LABs team building exercises, and Field Training Exercises.

Offered: At JHU.

ROTC 374.202 - Army Doctrine and Team Development (2 credits)

Focuses on Army doctrine and team development. The course begins the journey to understand and demonstrate competencies as they relate to Army doctrine. Army Values, Teamwork, and Warrior Ethos and their relationship to the Law of Land Warfare and philosophy of military service are also stressed. Cadets are required to apply their knowledge outside the classroom in a hands-on performance-oriented environment during Leadership LABs. Includes a 1-Hour lab per week taught by MS III Cadets

Corequisite: Must be taken concurrently with 374.220. Offered: At JHU.

ROTC 374.210 - Basic Team Leadership Laboratory (1 credit)

Provides training in leading and assisting 4-5 person teams through a variety of training opportunities. Cadets learn the troop-leading procedures, basic problem solving, and tactical skills aimed at military leadership and will mentor and assist members of their team with improving their own skills and leadership as well

Offered: At JHU.

ROTC 374.220 - Intermediate Team Leadership Laboratory (1 credit)

Develops Cadet leadership, as team leaders of 4-5 other Cadets, during a variety of induced training opportunities. They also begin to lead larger groups, from 9 to 60 people, in a variety of situations designed to challenge emerging leaders. Continued emphasis is placed on troop-leading-procedures and problem-solving. Cadets lead physical fitness training and mentor subordinates in military, academic and extra-curricular activities. Successful completion of this course allows Cadets to progress into ROTC Advanced Courses.

Corequisite: Must take 374.202 concurrently. Offered: At JHU.

ROTC 374.301 - Training Management and the Warfighting Functions (2 credits)

Cadets will be capable of planning, coordinating, navigating, motivating and leading a squad and platoon in the execution of a mission during a classroom PE, a Leadership Lab, or during a Field Training Exercise (FTX). Cadets will be required to write peer evaluations and receive feedback on their abilities as a leader and how to improve those leader skills that can further develop a successful officer. This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, and practical exercises, a mid-term exam, and a final exam.

Prerequisite: Basic Course Completion. Corequisite: Must take 374.310 concurrently. Offered: At JHU.

ROTC 374.302 - Applied Leadership in Small Unit Operations (2 credits)

Offers Cadets with an opportunity to study, practice, and apply the fundamentals of Army Leadership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. At the conclusion of this course, Cadets will be capable of planning, coordinating, navigating, motivating and leading a platoon in the execution of a mission during a classroom practical exercise, a Leadership Lab, or during a Field Training Exercise (FTX). Cadets will write peer evaluations, receive feedback on their abilities as a leader, and mentorship to improve those leader skills. This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, and practical exercises, a mid-term exam, and a final exam. Ultimately, this course prepares Cadets to excel at the four-week Advanced Camp at Fort Knox, KY

Prerequisite: Basic Course and 374.301. Corequisite: Must take 374.320 concurrently. Offered: At JHU.

ROTC 374.307 - Leadership in Military History (2 credits)

Provides Cadets with a historical perspective to decisions made by American military leaders: battlefield complexity, resource limitations, and teamwork deficiencies. Cadets cover major military engagements from the colonial period through the current operating environment. Cadets examine how leaders motivated their men, devised battle strategies, implemented rules of engagement, and managed supplies, transportation, and logistics for their troops.

Prerequisite: Permission of the Director of Military Science. Offered: At JHU.

ROTC 374.310 - Basic Tactical Leadership Laboratory (1 credit)

Applies what Cadets have learned in the classroom, in a tactical or field environment. Cadets learn and demonstrate the fundamentals of leadership by planning, coordinating, navigating, motivating, and leading squads in the execution of both garrison and tactical missions. Cadets are evaluated as part of the Leadership Development Program and Field Manual 6-22, Army Leadership. Ultimately, prepares Cadets to excel at the four-week Advanced Camp at Fort Knox, KY.

Offered: At JHU.

ROTC 374.320 - Intermediate Tactical Leadership Laboratory (1 credit)

Builds on the first semester's achievements as Cadets further develop their leadership skills by planning, coordinating, navigating, motivating, and leading squads in the execution of both garrison and tactical missions. Cadets are evaluated as part of the Leadership Development Program and Field Manual 6-22, Army Leadership. Ultimately, prepares Cadets to excel at the four-week Advanced Camp at Fort Knox, KY

Corequisite: Must be taken concurrently with 374.302. Offered: At JHU.

ROTC 374.401 - The Army Officer (2 credits)

Focuses on development of the Army Officer. It is an academically challenging course where Cadets will develop knowledge, skills, and abilities to plan, resource, and assess training at the small unit level. Cadets will also learn about Army programs that support counseling subordinates and evaluating performance, values and ethics, career planning, and legal responsibilities. At the conclusion of this course, Cadets will be familiar with how to plan, prepare, execute, and continuously assess the conduct of training at the company or field grade officer level. Includes a lab per week overseeing MSL III lesson facilitation and supervised by ROTC Cadre

Prerequisite: 374.301-302, 310-320 and the Basic Course. Corequisite: Must be taken concurrently with 374.410. Offered: At JHU.

ROTC 374.402 - Company Grade Leadership (2 credits)

Prepares Cadets for the rigors of company grade leadership. This is an academically challenging course where Cadets will study, practice, develop, and apply critical thinking skills pertaining to Army leadership, officer skills, Army Values and ethics, personal development, and small unit tactics at platoon level. This course includes reading assignments, homework assignments, small group assignments, briefings, case studies, practical exercises, mid-term exam, and a Capstone Exercise in place of the final exam. At the conclusion of this course, Cadets will be able to plan, coordinate, navigate, motivate and lead a platoon in future operational environments. Successful completion of this course will assist in preparing cadets for the Basic Officer Leadership Course and is a mandatory requirement for commissioning.

Prerequisite: 374.301-302, 310-320, 374.401 and Basic Course. Corequisite: Must be taken concurrently with 374.420. Offered: At JHU.

ROTC 374.407 - Being a Platoon Leader (1 credit)

Prepares Cadets for actual challenges not necessarily described in text books that junior officers may face in today's Army. Topics include: serving during war, conflict management, ethical dilemmas, time-constrained planning, and change management. This course also serves as pre-requisite for the Basic Officer Leadership Course "B" phase by providing Cadets with reinforced development on: deployment preparation, the military style of writing, supply management, human resources management, family support and operations management. Cadets will also learn how the Army's organizational structure and administration affects soldiers across ranks and over time. Finally, Cadets will learn ways to leverage automation to improve their efficiency and effectiveness of records management and developing presentations for superiors.

Offered: At JHU.

ROTC 374.410-420 - Advanced Planning and Decision Making Laboratory I, II (1 credit)

Develops a semester-long progression of programmed training activates that support completion of the unit's Mission Essential Task List. The laboratory builds from fall to spring semester as Cadets master advanced problem solving, resource synchronization and executive decision making. Cadets evaluate, mentor and develop subordinate leaders as part of the Leadership Development Program and Field Manual 6-22, Army Leadership. The course serves as the final evaluation and determination on a Cadet's ability to lead Soldier's as a Second Lieutenant in the US Army.

Prerequisite: 374.301-302, 310-320 and Basic Course . Corequisite: Must be taken concurrently with 374.401-402. Offered: At JHU.

MUS - Music

MUS 102 - University Singers (2 credits)

Surveys a variety of choral music from Renaissance madrigals to pop with emphasis on vocal technique and musicianship within a performance ensemble setting. Emphasis is placed on achieving correct style and ability to project each song's meaning to a listener. Various public performances will be presented during the semester. Students may repeat this course up to 3 times for a total of 6 credits.

Prerequisite: Previous choral music experience recommended. SEE Certification: Fine Arts. Offered: Fall and Spring.

MUS 105 - Orchestra (1 credit)

Surveys a variety of orchestral music in different styles with emphasis on instrumental technique and musicianship within a performance ensemble setting. Students may repeat this course up to 3 times for a total of 6 credits.

Prerequisite: Own or have access to an instrument and previous orchestra experience or permission of the instructor. SEE Certification: Fine Arts. Offered: Fall and Spring.

MUS 106 - Orchestra - Not for Credit (0 credit)

Surveys a variety of orchestral music in different styles with emphasis on instrumental technique and musicianship within a performance ensemble setting. Emphasis is placed on achieving correct style and ability to project each song's meaning to a listener. An end of semester concert will be presented.

Prerequisite: None. Offered: Fall and Spring, as needed.

MUS 107 - University Singers - Not for Credit (0 credit)

Surveys a variety of choral music from Renaissance madrigals to pop with emphasis on vocal technique and musicianship within a performance ensemble setting. Emphasis is placed on achieving correct style and ability to project each song's meaning to a listener. Various public performances will be presented during the semester.

Prerequisite: None. Offered: Fall and Spring, as needed.

MUS 170 - Exploring Elements of Music/Hawaiian Ukulele (3 credits)

Introduces students to the fundamental elements of music theory, literacy, and ensemble performance through the medium of the Hawaiian ukulele.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall and Spring.

MUS 201 - Introduction to Music in History (3 credits)

Surveys music literature from the late Renaissance to the present day. This course examines how music has evolved through the centuries by studying works by the most influential composers while relating the music to

the corresponding historical eras. Students will be introduced to the finest representative musical examples in live and video performance.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153. SEE Certification: Fine Arts. Offered: Fall and Spring.

MUS 260 - Music Technology I (3 credits)

Focuses on many aspects of music technology. This course investigates rudimentary principles of sound, acoustics, midi, sequencing, notation, digital audio, the history of electronic music, important composers, and the importance of their composition to the field. This course introduces and explores current software and hardware to compose electronic music.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall and Spring.

MUS 275 - American Music: Hopi to Hip-Hop (3 credits)

Traces the development of American musical styles as they evolved from music brought over by the early colonists through the gradual incorporation of Native-American music, African-American music, and the music of other ethnic groups up to contemporary popular music.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153. SEE Certification: Fine Arts. Offered: Fall or Spring.

MUS 290 - Band–Concert/Marching/Pep (Variable credits: 1-2 (Fall: 2 credits; Spring: 1 credit))

Provides students with the opportunity to rehearse and perform for the University concert, marching, or pep bands. Students continue to develop both their own instrumental skill and that of an ensemble member. Students are required to attend all classes, performances, and rehearsals. For fall marching band students, a required on-site camp will be held during August recruitment. Students earn two credits in Fall Marching Band and one credit during Spring Concert/Pep Band. Students may repeat this course and earn a combined total of up to 6 credits.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall and Spring.

MUS 291 - Band-Not for Credit (0 credit)

Provides students with a non-credit option to continue participating in the University concert, marching, or pep bands. Students continue to develop both their own instrumental skill and that of an ensemble member. Students are required to attend all performances, and the required class rehearsals. For marching band students, a required on-site camp will be held during August recruitment.

Prerequisite: None. Offered: Fall and Spring.

NURS - Nursing

NURS 110 - Computer Technology in Nursing (3 credits)

Provides an introduction to basic computer concepts and applications in Microsoft Windows and Microsoft Office. This course presents nursing informatics as a combination of computer science, information science, and nursing science and relates nursing informatics to the management and processing of nursing data, information, and knowledge to support the practice of nursing and the delivery of health care in the nursing roles of provider, designer, and manager of care. This course introduces exploration of the influence of health care technologies and how technology reshapes nursing practice and health care information access.

Prerequisite: Must meet all progression criteria for second-year status in the nursing major as outlined in the University catalog; A grade of C or better in ENG 152 or ENG 153. Offered: Fall.

NURS 240 - Nutrition (3 credits)

Examines the effect of nutritional status, food habits and food consumption on human health. Nutritional requirements at different stages of human development and various nutrients contained in representative food categories are covered. Techniques and procedures for the application of nutrition knowledge in the context of socioeconomic factors and consumer concerns are discussed. Specific application to nursing care is described. Restricted to nursing majors. This course does not satisfy a minor requirement in biology.

Prerequisite: Successful completion of the following required science courses: BIO 112 or BIO 113, BIO 113L or BIO 113HL, BIO 203, BIO 222, and CHEM 110, CHEM 110L. Offered: Spring.

NURS 310 - Introduction to Clinical Nursing (6 credits)

Develops and builds technical and interpersonal expertise as the student begins to apply the nursing process with individual clients. The nursing process guides the student in providing client-centered care. Based on newly learned foundational and nursing principles, the student learns to synthesize the mastery of psychomotor skills with their ability to care for clients with a focus on wellness, health maintenance, and health promotion. Inpatient settings will be utilized for student clinical experiences as well as simulated clinical situations in the nursing skills lab. Clinical included (90 hours) Fee: $35

Prerequisite: Must meet all progression criteria for third-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 110 and NURS 240. Offered: Fall.

NURS 310SE - Nursing Simulation Experience (0 credits)

Provides the opportunity to apply nursing concepts and newly learned skills in a simulation lab. Hi-fidelity manikins are programmed to simulate real and evolving scenarios that may occur in a clinical setting. Students

will apply the necessary nursing knowledge and skills in conjunction with each scenario to demonstrate safe and effective nursing care. Simulation experience will be offered along with each clinical course to supplant or enhance clinical experience traditionally held in an acute care or community-based setting.

Corequisite: NURS 310. Offered: Fall.

NURS 311 - Communication and Cultural Competence in Health Care (3 credits)

Explores the intersection of communication and culture in the context of health and healthcare. Theoretical models and assessment tools are utilized to examine the diversity of cultural beliefs, values, practices, legal-ethical concerns, and communication that impact the health of individuals, families and groups. These theories and skills will help students to perform competently within a diverse healthcare context. Fee: $35

Prerequisite: Must meet all progression criteria for third-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 110 and NURS 240. Cross-Listed as: MLS 311. SEE Certification: Communication Intensive. Offered: Fall.

NURS 317 - Pathophysiology and Pharmacology I (3 credits)

Explores the mechanisms, manifestations, and processes of disease. Common cellular and biochemical abnormalities and disease states in major body systems are reviewed. Emphasis is placed on the gastrointestinal, respiratory, and endocrine body systems along with fluid and electrolyte balance and psychiatric disorders. Principles of disease transmission and immunological responses are integrated, as well pharmacokinetics, pharmacodynamics, and pharmacotherapeutics for treatment of respective disease processes across the lifespan in diverse populations. Knowledge gained in this course prepares students to administer pharmacological agents in the provision of nursing care, to monitor their effects in the individual, and to teach clients and families about disease processes and medication regimens. This is the first in a series of two courses.

Prerequisite: Must meet all progression criteria for third-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 110 and NURS 240. Offered: Fall.

NURS 318 - Pathophysiology and Pharmacology II (3 credits)

Explores the mechanisms, manifestations and processes of disease. Common cellular and biochemical abnormalities and disease states in major body systems are reviewed. Emphasis is placed on cancers, immune disorders, cardio-vascular disorders, hematological disorders, renal, and neurologic disorders. Principles of disease transmission and immunological responses are integrated, as well as pharmacokinetics, pharmacodynamics, and pharmacotherapeutics for treatment of respective disease processes across the lifespan in diverse populations. Knowledge gained in this course prepares students to administer pharmacological agents in the provision of nursing care, to monitor their effects in the individual, and to teach clients and families about disease processes and medication regimens. This is the second in a series of two courses.

Prerequisite: Must meet all progression criteria for third-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 310, NURS 311, NURS 317, and NURS 330. Offered: Spring.

NURS 330 - Health Assessment (3 credits)

Develops data collection and physical assessment skills across the life span. Clinical application in the clinical lab setting will be emphasized. Fee: $35

Prerequisite: Must meet all progression criteria for third-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 110 and NURS 240. Offered: Fall.

NURS 337 - Psychiatric and Mental Health Nursing (4 credits)

Explores psychiatric and mental health nursing from the perspectives of provider and client. Students engage in self-analysis prior to the study of psychiatric disorders and how these disorders are biologic and/or psychodynamic in nature. The application of neurobiological, psychological, sociological and spiritual theories to the delivery of optimal care is emphasized. Current evidence-based psychiatric nursing practices, the role of the advanced practice psychiatric nurse and ethical/legal implications will be explored. Clinical included (45 hours). Fee: $35

Prerequisite: Must meet all progression criteria for third-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 310, NURS 311, NURS 317, and NURS 330. Offered: Spring.

NURS 337SE - Nursing Simulation Experience (0 credits)

Provides the opportunity to apply nursing concepts and newly learned skills in a simulation lab. Hi-fidelity manikins are programmed to simulate real and evolving scenarios that may occur in a clinical setting. Students will apply the necessary nursing knowledge and skills in conjunction with each scenario to demonstrate safe and effective nursing care. Simulation experience will be offered along with each clinical course to supplant or enhance clinical experience traditionally held in an acute care or community-based setting.

Corequisite: NURS 337. Offered: Spring.

NURS 338 - Care of the Childbearing Family (4 credits)

Explores the application of the nursing process to families during the childbearing years. The obstetrical health/illness continuum is explored from a developmental perspective in the classroom and in a variety of inpatient settings. Nursing research and current health issues and trends pertinent to this clinical practice will be examined. Clinical included (45 hours). Fee: $35

Prerequisite: Must meet all progression criteria for third-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 310, NURS 311, NURS 317, and NURS 330. Offered: Spring.

NURS 338SE - Nursing Simulation Experience (0 credits)

Provides the opportunity to apply nursing concepts and newly learned skills in a simulation lab. Hi-fidelity manikins are programmed to simulate real and evolving scenarios that may occur in a clinical setting. Students will apply the necessary nursing knowledge and skills in conjunction with each scenario to demonstrate safe and effective nursing care. Simulation experience will be offered along with each clinical course to supplant or enhance clinical experience traditionally held in an acute care or community-based setting.

Corequisite: NURS 338. Offered: Spring.

NURS 360 - Medical/Surgical Nursing I (4 credits)

Explores nursing care as it is provided to adults in both inpatient and outpatient environments; the focus of care is on the individual with medical and surgical problems. Knowledge of pathophysiology, pharmacology, and the application of evidenced-based nursing research are incorporated into the planning and implementation of nursing care. Written assignments, classroom interactions, and clinical experiences allow the student to develop meaningful ways to provide care using in-depth critical thinking and planning skills. Clinical included (90 hours). Fee: $35

Prerequisite: Must meet all progression criteria for third-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 310, NURS 311, NURS 317, and NURS 330. Offered: Spring.

NURS 365 - Independent Research in Nursing (3 credits)

Provides an opportunity for nursing majors to conduct independent research in nursing on-campus under the supervision of a nursing faculty member. This course may be repeated for credit. This course cannot be used as a substitute for any required course(s) in the nursing program.

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog, including a grade of B+ or better in NURS 360, and a grade of C or better in all other required 300-level courses; permission of the faculty member who will be supervising the research; permission from the department chair. Offered: Fall or Spring (offered as needed).

NURS 405 - Care of Vulnerable Populations in the Community (4 credits)

Provides an opportunity to apply the nursing process to vulnerable populations in the community. Specific theoretical perspective and unique nursing roles within each specialty in community health will be explored. The course includes community assessment and planning, economic issues in health care, epidemiology, environmental health, health promotion, bioterrorism, and global health. Learning experiences occur in the classroom and in a variety of community settings such as schools, occupational health centers and community-based clinics. Nursing research will be the basis for all nursing interventions. Students will be held accountable for their own learning and documentation of that learning. Clinical included (90 hours) Fee: $35

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in all required 300-level nursing courses. SEE Certification: Writing Intensive. Offered: Fall.

NURS 409 - Care of Children and Families (4 credits)

Provides the opportunity to apply the nursing process to children and their families utilizing a developmental perspective in the classroom and clinical setting. The meaning of caring for children and their families is explored throughout the pediatric health and illness continuum in a variety of inpatient and outpatient settings, as well as through the use of high-fidelity simulations and scenarios. Nursing research and current health issues, ethical dilemmas, and trends pertinent to this clinical practice are examined. Clinical included (45 hours). Fee: $35

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in all required 300-level nursing courses. Offered: Fall.

NURS 409SE - Nursing Simulation Experience (0 credits)

Provides the opportunity to apply nursing concepts and newly learned skills in a simulation lab. Hi-fidelity manikins are programmed to simulate real and evolving scenarios that may occur in a clinical setting. Students will apply the necessary nursing knowledge and skills in conjunction with each scenario to demonstrate safe and effective nursing care. Simulation experience will be offered along with each clinical course to supplant or enhance clinical experience traditionally held in an acute care or community-based setting.

Corequisite: NURS 409. Offered: Fall.

NURS 410 - Care of Vulnerable Populations in the Community (4 credits)

Provides an opportunity to apply the nursing process to vulnerable populations in the community. Specific theoretical perspective and unique nursing roles within each specialty in community health will be explored. The course includes community assessment and planning, economic issues in health care, epidemiology, environmental health, health promotion, bioterrorism, and global health. Learning experiences occur in the classroom and in a variety of community settings such as schools, occupational health centers and community based clinics. Nursing research will be the basis for all

nursing interventions. Students will be held accountable for their own learning and documentation of that learning. Clinical included (90 hours) Fee: $35

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the university catalog including a grade of "C" or better in all required 300-level Nursing courses - Must be completed prior to taking this course.. Offered: Fall.

NURS 420 - Evidence-Based Practice and Nursing Scholarship (3 credits)

Introduces students to the research process in nursing. Methods of gathering, analyzing, and interpreting data commonly used in nursing research are discussed. Students will engage in discussion and reflection on evidence-based nursing practice in writing assignments that follow the writing process, including drafting, writing conferences, and revision based on feedback.

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in MATH 135, NURS 405, NURS 409, NURS 435, and NURS 460.. SEE Certification: Writing Intensive. Offered: Spring.

NURS 435 - Professionalism in Nursing (2 credits)

Examines nursing leadership and management within the United States health care system, including evolving changes in a broad socioeconomic and cultural context. Students will analyze the role of the professional nurse as it relates to that system and its current issues and trends. Application of the nursing process utilized in leadership roles will be explored and impact of professional nursing upon society as a whole will be examined.

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in all required 300-level nursing courses. Offered: Fall.

NURS 437 - Introduction to Nursing Research (3 credits)

Introduces students to the research process in nursing. Methods of gathering, analyzing and interpreting data commonly used in nursing research are discussed.

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in MATH 135, NURS 405, NURS 409, NURS 435, and NURS 460. SEE Certification: Scientific Reasoning. Offered: Spring.

NURS 440 - Leadership Practicum in Contemporary Nursing Practice (4 credits)

Provides students with the opportunity to explore a variety of experiences essential to the transition from nursing student to nursing professional: leadership behaviors, independent clinical practice, and nursing research. Mentored clinical practicum facilitates the application of the leadership theory base to skilled clinical practice. Clinical seminars provide a forum for dialogue, reflection on clinical care, and analysis of experiential learning. Clinical included (135 hours). Fee: $35

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 405, NURS 409, NURS 435, and NURS 460. Offered: Spring.

NURS 450 - Special Topics in Nursing (2 credits)

Explores concepts and issues not covered in depth in other required nursing courses. Topics will focus on the deep exploration of issues important in the health care arena and the nursing professions and may include classroom activities and travel-based opportunities as appropriate. This course may be repeated for credit if topics/fields are different.

Prerequisite: Must meet all progression criteria specific to the nursing student's current program level. Prerequisites will vary by topic. Offered: Winterim and Spring, as needed.

NURS 455 - Case Studies and Problem Oriented Learning (2 credits)

Combines self-directed learning techniques, problem-oriented learning, and faculty-guided instruction to aid senior nursing students in achieving success when taking the NCLEX (RN licensing exam). As active participants in learning, students follow a planned, organized, and step-wise course of study which includes, diagnostic testing in an automated format, focused content review and case studies, test-taking strategies, and simulated NCLEX exams. The course is designed to assist students with synthesizing nursing knowledge and to prepare students for the rigorous testing and requirements for obtaining licensure. There is also a particular emphasis on test-taking strategies.

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 405, NURS 409, NURS 435, and NURS 460. Offered: Spring.

NURS 460 - Medical/Surgical Nursing II (4 credits)

Explores nursing care as it is provided to adults in inpatient environments; the focus of care is on the individual with acute and emergent medical surgical problems. Knowledge of pathophysiology, pharmacology and the application of evidenced-based nursing research are incorporated in the planning and implementation of nursing care. In-depth critical thinking and judgment skills are demonstrated. Clinical included (45 hours). Fee: $35

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in all required 300-level nursing courses. Offered: Fall.

NURS 470 - Medical/Surgical Nursing III (6 credits)

Focuses upon individuals and groups of clients experiencing complex medical surgical problems which

require skilled and sophisticated nursing care. Student learning opportunities will occur in the classroom and in selected complex care clinical environments. Student learning experiences include guided and independent application of the nursing process as applied to adults with diverse belief systems and cultural backgrounds. Faculty-directed clinical practices focus upon the integration of nursing knowledge and refinement of medical surgical nursing skills, with incorporation of research activities. Clinical included (90 hours). Fee: $35

Prerequisite: Must meet all progression criteria for fourth-year status in the nursing major as outlined in the University catalog including a grade of C or better in NURS 405, NURS 409, NURS 435, and NURS 460. Offered: Spring.

PHIL - Philosophy

PHIL 101 - Introduction to Philosophy (3 credits)

Explores the nature of philosophical inquiry that underlies all pursuits of knowledge and self-knowledge. In particular, this course will study the thinking of at least three different philosophers and three different branches of philosophy (e.g., metaphysics, ethics, epistemology, or aesthetics). Approaches to such study will vary with course instructor.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 (may be taken concurrently). SEE Certification: Humanities. Offered: Fall and Spring.

PHIL 104 - Logic (3 credits)

Studies the principles and methods used to distinguish between good and bad reasoning. To this end, students critically examine and attempt to understand key elements of both informal and formal logic.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently). SEE Certification: Humanities. Offered: Fall and Spring.

PHIL 215 - Ethics (3 credits)

Surveys and examines traditional ethical ideas in terms of their ability to help students address moral dilemmas and understand ethics in relation to laws, rights, and social well-being. Students address the strengths and weaknesses of ethical theories to clarify or resolve current moral controversies as well as to enhance their own efforts in leading a good or virtuous life. *A student may not receive credit for PHIL 215 and MDH 215.*

Prerequisite: A grade of C or better in ENG 152 or ENG 153, second-year status or higher, or permission of the instructor. SEE Certification: Humanities. Offered: Fall and Spring.

PHIL 220 - Applied Philosophy and Community Service (3 credits)

Investigates a particular area of applied philosophy in conjunction with some form of community service directly related to that area. Under the guidance of the instructor, students choose service projects along with reading lists of the relevant philosophical literature. A minimum of 30 hours of community service is required, as well as written assignments and a final presentation. The class meets one hour weekly for group discussion of projects. This course may be repeated for credit if the community service projects are different.

Prerequisite: A grade of C or better in ENG 152 or ENG 153; second-year status or higher, or permission of the instructor. SEE Certification: Humanities. Offered: Fall or Spring.

PHIL 260 - Aesthetics (3 credits)

Examines and analyzes the historical problems in the philosophy of art. Topics include the nature and function of the artist, the nature of the object of art, aesthetic value, aesthetic experience, aesthetic attitude, and aesthetic judgment (criticism).

Prerequisite: A grade of C or better in ENG 152 or ENG 153, second-year status, or permission of the instructor. SEE Certification: Humanities. Offered: Fall and Spring.

PHIL 265 - Philosophical Topics (3 credits)

Studies specific themes, schools, or problems of philosophical interest. Attention is given to different interpretations and arguments based on major philosophers or contemporary philosophical approaches and different influences of a philosophical school or contrasting solutions to a problem. This course considers the effect of the topics on contemporary thinking. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in ENG 152 or ENG 153, second-year status, or permission of the instructor. SEE Certification: Humanities. Offered: Fall or Spring.

PHIL 370 - Philosophical Figures (3 credits)

Studies one or two major figures in the history of philosophy and their primary works. The course discusses the relation of the philosopher(s) to other philosophers, their attempts at explaining or understanding perennial ideas, and their importance and influence on other thinkers. This course may be repeated for credit if figures are different.

Prerequisite: A grade of C or better in ENG 152 or ENG 153, third-year or fourth-year status, or permission of the instructor. Offered: Fall or Spring.

PHIL 420 - Philosophy of Education (3 credits)

Engages students in active inquiry into philosophical perspectives on the purpose of education, curriculum and pedagogy, the role of the teacher and the student, and the organization and design of schools. Students investigate questions about educational practices observable in authentic classroom settings. Restricted to education majors.

Prerequisite: Restricted to education majors. Fourth-year status or permission of the instructor. Corequisite: ED 435, ED 440, ED 442, ED 444. SEE Certification: Writing Intensive and Humanities. Offered: Fall.

PHOTO - Photography

PHOTO 140 - Historic Photographic Processes (3 credits)

Introduces students to historical photographic techniques with an emphasis on black and white film photography and alternative photographic processes. Students will learn manual film camera controls, chemical processing, as well as darkroom and non-silver printing techniques. The class will explore multiple methods of lens-based image making, while students refine their technical and aesthetic competence in the photographic medium. This course includes studio and lecture. Students will need to purchase supplies/materials for this course.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall, Spring, and Summer, as needed.

PHOTO 141 - Basic Digital Photography (3 credits)

Introduces digital photography including the operation of a DSLR camera and introductory level digital photography techniques. Attention will be given to the technical aspects of manual camera control, editing, digital image processing, inkjet printing, and image presentation. Students will learn exposure, digital image enhancement, and preparation of images for print and online viewing. Aesthetic and creative concerns will be emphasized, using photography as a tool for documentation, communication, expression, and emotional appeal. This course also explores making informed choices in composition, subject matter, and framing. Students will need to purchase supplies/materials for this course.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall, Spring, and Summer.

PHOTO 241 - Intermediate Digital Photography (3 credits)

Builds upon concepts taught in Photo 141 Basic Digital Photography. Students are introduced to intermediate photography concepts, camera controls, and post-production techniques with an emphasis placed on visual literacy and narrative approaches to images making. Students will practice to creatively control light, while working with ambient and artificial illumination and produce a body of work consisting of a thematic photographic series. Printing and presentation skills are developed throughout the course, culminating in the production of a photographic portfolio. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in PHOTO 141. Offered: Fall.

PHOTO 341 - Lighting: Theory and Practice (3 credits)

Explores studio lighting while emphasizing advanced lighting techniques and concepts. Through various methods of image making including editorial, commercial, advertising, and fine art, students will examine the studio environment, professional practices, and location lighting scenarios. This course expands students' skills in camera operation, post-production, and printing processes. Students develop a professional quality portfolio for presentation in print and digital platforms. Students will need to purchase supplies/materials for this course.

Prerequisite: A grade of C or better in PHOTO 241. Offered: Spring.

PHOTO 342 - Photographic Storytelling (3 credits)

Explores photography and visual communication while emphasizing forms of documentary photography and narrative strategies. Students investigate various methods of image making with attention given to understanding how the creation of images can inform the viewer, establish a connection to community, and prompt social change. A diverse group of historically and socially relevant photographers are analyzed and course discussions and projects address history, ethics, and social significance. Students will photograph, research, and investigate the human experience and develop the skills to be effective storytellers. Students will need to purchase supplies/materials for this course

Prerequisite: A grade of C or better in PHOTO 241. Offered: Spring.

PHYS - Physics

PHYS 115 - You Are Here: Earth and Space Sciences (4 credits)

Starts with Earth and its position in the universe and then turns to features closer to home: the ground we stand on, the water we drink, and the air we breathe. Students will study astronomical, geological, hydrological, and meteorological systems, cycles within those systems, interactions of those systems, their effect on our lives, and our effect on those systems. Course includes weekly lab exercises to explore the development, understanding and enrichment of those concepts.

Prerequisite: Eligible for MATH 135 or higher. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

PHYS 125 - Astronomy (4 credits)

Provides students with an overview of astronomy, including its history as a science and how its advances reflect the scientific method. Students will explore vast chronological and physical scales, ranging from the size, scale, and age of intelligent life on Earth to the immense distances between galaxies and age of the Universe since the Big Bang. The basic principles of electromagnetic radiation will be addressed to demonstrate how they relate to astronomical observation and how instruments are used to detect and analyze such radiation. A laboratory with exercises in observational astronomy and its techniques is included.

Prerequisite: Eligible for MATH 135 or higher. SEE Certification: Scientific Reasoning-Laboratory. Offered: Fall and Spring.

PHYS 210 - General Physics I (4 credits)

Introduces the fundamentals of mechanics and particle dynamics. Topics include the laws of motion, force,

energy, principles of mechanics, collisions, and gravitation. Algebra provides the mathematical basis for problem-solving. Laboratory included. *Students cannot receive credit for both PHYS 210 and PHYS 215.*

Prerequisite: A grade of C or better in MATH 137, or placement into MATH 147 or higher. Offered: Fall and Spring.

PHYS 211 - General Physics II (4 credits)

Introduces the fundamentals of electricity, magnetism, and optics. Topics include electrostatics, Ohm's law, magnetic fields, Faraday's law, AC circuits, Maxwell's equations, wave motion, geometrical optics, diffraction, and interference. Algebra provides the mathematical basis for problem-solving. Laboratory included. *Students cannot receive credit for both PHYS 211 and PHYS 216.*

Prerequisite: A grade of C or better in PHYS 210. Offered: Fall and Spring.

PHYS 215 - General Physics I with Calculus (4 credits)

Introduces the fundamentals of Newtonian mechanics. Topics include kinematics, gravity, energy, collisions, fluids, and waves. Experimental techniques, including the analysis of data and the identification of errors, are addressed in the accompanying laboratory. S*tudents cannot receive credit for both PHYS 210 and PHYS 215.*

Prerequisite: A grade of C or better in MATH 220. SEE Certification: Scientific Reasoning-Laboratory. Offered: Spring.

PHYS 216 - General Physics II with Calculus (4 credits)

Introduces the fundamentals of electricity, magnetism, and optics. Topics include electrostatics, Ohm's Law, magnetic fields, Faraday's Law, AC circuits, Maxwell's equations, wave motion, geometrical optics, diffraction, and interference. Laboratory experiments are related to the lecture series. Laboratory included. *Students cannot receive credit for both PHYS 211 and PHYS 216.*

Prerequisite: A grade of C or better in PHYS 215. Offered: Fall.

POSCI - Political Science

POSCI 102 - American Government: Political Institutions and Procedures (3 credits)

Examines the structures that comprise the American political system, how they interact, how they affect an individual member of the political system, and how they are changed by individuals and groups. This course covers federal, state, and local government.

Prerequisite: ENG 150, ENG 151 or ENG 153 (may be taken concurrently). SEE Certification: Social Science. Offered: Fall and Spring.

POSCI 205 - State & Local Government (3 credits)

Examines how local communities and states are governed in the United States. The course balances its emphasis on metropolitan areas by examining key aspects of state policy, such as education, crime, growth, and taxation. Students explore comparisons between Maryland political institutions and those of other states.

Prerequisite: ENG 152 or ENG 153. SEE Certification: Social Science. Offered: Fall and Spring.

PSY - Psychology

PSY 101 - Introduction to Psychology (3 credits)

Introduces students to the main theories, methods, and major findings that characterize psychology as a science. The course presents the scientific basis of psychology and asks students to think critically about the various topics presented. The course addresses psychology's application to issues of everyday life.

Prerequisite: A grade of C or better in ENG 150, ENG 151 or ENG 153 (may be taken concurrently). SEE Certification: Social Science. Offered: Fall and Spring.

PSY 101H - Honors - Introduction to Psychology (3 credits)

Introduces students to the main theories, methods, and major findings that characterize psychology as a science. The course presents the scientific basis of psychology and asks students to think critically about the various topics presented. The course addresses psychology's application to issues of everyday life. This course is a more demanding section of PSY 101 designed for students with a strong math and science background.

Corequisite: ENG 151 or ENG 153. Only open to students in the Honors Program. SEE Certification: Social Science. Offered: Fall.

PSY 108 - Human Growth and Development (3 credits)

Provides a lifespan perspective on the growth and development of humans from pre-conception until death. This course focuses on stability and change in the whole person, including the biological, cognitive, and socioemotional domains. This course presents major theoretical approaches to development that address innate factors, environmental influences, and their interactions.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Fall and Spring.

PSY 136 - Statistics for the Behavioral and Social Sciences (4 credits)

Introduces students to data analysis in the behavioral and social sciences. Students will study the nature of research in the behavioral and social sciences, the basic concepts of descriptive and inferential statistics, and the use of basic statistical methods. Students will use SPSS to analyze data and to report and interpret statistical results. Credit will not be granted for more than one of the following statistics courses: MATH 136, MATH 140, MATH 210, and MATH 235 and PSY 136.

Prerequisite: A grade of C or better in MATH 005# or by placement. SEE Certification: Quantitative Literacy. Offered: Fall and Spring.

PSY 201 - Writing for Psychology (3 credits)

Emphasizes the development of reading, writing, and critical thinking skills in psychology. This course provides students with the skills necessary to interpret popular literature in the field of psychology and to write and speak about psychological topics in an accurate, clear and concise manner. Students will also be introduced to the basics of APA style and the parts of an APA research article and taught to effectively search for psychological literature. Restricted to psychology majors and minors.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Writing Intensive. Offered: Fall and Spring.

PSY 205 - Career Development I (1 credit)

Focuses on early planning for a career in psychology. This course introduces students to the education and training required for careers in psychology, employer and graduate school expectations, and extra-curricular experiences fostering career preparation and competitiveness. Students will develop a resume and CV and a professional development plan based on their personal interests, values, and abilities on the academic skills required in upper-division psychology courses and for career development. Restricted to psychology majors.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H and second-year status or permission of the instructor. Offered: Fall and Spring.

PSY 206 - Child Development (3 credits)

Focuses on theories and research, as well as their application to child and young adolescent development from conception to age twelve. Concentrated attention is given to the physical, cognitive, and social/personality areas of growth. This course does not satisfy major or minor requirements in psychology.

Prerequisite: None. Offered: Fall and Spring.

PSY 208 - Human Sexuality (3 credits)

Focuses on the psychological, biological, social, cultural, and ethical forces that impact one's sexuality. Emphasis is placed on research methodologies. Topics, such as the status of sex research, love, attraction and intimacy, variations in sexual practice and gender expressions, and legal implications, as well as the range of psychological factors that affect one's sexuality, will be introduced. Students should have a grasp of many topics related to human sexual functioning and be able to discuss sexual issues in a more open and knowledgeable manner by the end of the course.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Fall and Spring.

PSY 215 - Psychopathology (3 credits)

Examines the major mental disorders found in adults, adolescents, and children as well as the symptoms, demographics, causes, and treatment of these disorders from an integrated bio-psycho-social framework.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Fall and Spring.

PSY 216 - Psychopathology in Children and Adolescents (3 credits)

Examines the major mental disorders found in children and adolescents. This course examines the symptoms, demographics, causes, developmental trajectories, and treatment of these disorders. To this examination, the course applies an integrated bio-psycho-social and developmental framework.

Prerequisite: A grade of C or better in PSY 215. Offered: Fall and Spring.

PSY 221 - Infant and Child Socioemotional Development (3 credits)

Focuses on infant and child socioemotional development. Development from theoretical, scientific, and topical perspectives, beginning with conception and progressing through late childhood are explored. Topics include attachment, child maltreatment, friendship, and self-esteem.

Prerequisite: A grade of C or better in PSY 108. Offered: Fall or Spring, as needed.

PSY 230 - Basic Counseling Skills (4 credits)

Presents basic counseling skills and serves as the first course in a two-course sequence. This course contextualizes these basic skills within an empirically supported, three-stage model of helping. This course addresses the theory and research that supports the use of these skills, discusses the ethical and multicultural issues associated with these skills, and presents the career paths associated with these skills and the field of counseling.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Fall and Spring.

PSY 250-254 - Topics in Psychology (3 credits)

Studies selected issues in psychology, stressing relevant methodologies and theories. Topics such as forensic psychology, psychology of women, cognitive psychology, and health psychology are rotated. This course may be repeated for credit if the topics are different.

Prerequisite: Prerequisites vary based on topic. Offered: Fall or Spring, as needed.

PSY 260 - Behavioral Approaches to Change (3 credits)

Examines behavioral approaches to how people change due to their experiences. This course focuses on the fundamentals of the classical and operant conditioning models of learning. It also examines applications of these models to humans and animals.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Fall and Spring.

PSY 262 - Social Psychology (3 credits)

Investigates how people's thoughts, feelings, and actions are affected by the real or imagined presence of others. Major theoretical viewpoints, the importance of scientific methodology, and the influence of culture are stressed.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Fall and Spring.

PSY 305 - Career Development II (1 credit)

Focuses on evaluating, revising, and implementing professional development plans. Students will evaluate their professional development plans developed in PSY 205; refine them; identify academic and non-academic experiences consistent with their plans; and engage in job-seeking, graduate program searches, or both, consistent with their career interests. Restricted to psychology majors.

Prerequisite: A grade of C or better in PSY 205; junior status. Offered: Fall and Spring.

PSY 306 - Counseling Lab (1 credit)

Facilitates students' mastery of counseling skills. Students participate in observation and role-play to develop the skills necessary for effective helping. Students learn to identify the specific skills used, analyze how they are being used, and evaluate their effectiveness. Through this work, students become more skilled helpers.

Prerequisite: A grade of C or better in PSY 230. Offered: Fall and Spring.

PSY 309 - Field Placement (1 - 3 credits)

Provides a field experience designed to meet specific academic and professional objectives. This course affords students the opportunity to develop further professional experience and to apply the knowledge, theories, and concepts learned in academic classes to their performance in a professional work setting. Forty hours per credit. This course is graded as pass/fail.

Prerequisite: A grade of C or better in PSY 205, PSY 215, PSY 230, and PSY 260, or permission of field placement coordinator. Offered: Fall, Spring, and Summer.

PSY 325 - Personality Psychology (3 credits)

Examines the major personality theories and the research associated with them. This course focuses on factors that distinguish individuals from one another and on conditions that contribute to these distinctions. It also emphasizes research and theory and addresses practical implications.

Prerequisite: PSY 108 or PSY 215 . Offered: Fall or Spring, as needed.

PSY 326 - Special Topics in Cognitive Psychology (3 credits)

Examines a specific topic in cognitive psychology in-depth. Students will read, evaluate, and discuss primary sources related to the special topic. In a culminating project, students will investigate a sub-topic, and report in written and oral form on that topic. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in PSY 270 or PSY 355. Offered: Fall or Spring, as needed.

PSY 327 - Special Topics in Developmental Psychology (3 credits)

Examines a specific topic in developmental psychology in-depth. Students will read, evaluate, and discuss primary sources related to the special topic. In a culminating project, students will investigate a sub-topic, and report in written and oral form on that topic. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in PSY 270 or PSY 355. Offered: Fall or Spring, as needed.

PSY 328 - Special Topics in Personality Psychology (3 credits)

Examines a specific topic in personality psychology in-depth. Students will read, evaluate, and discuss primary sources related to the special topic. In a culminating project, students will investigate a sub-topic, and report in written and oral form on that topic. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in PSY 270 or PSY 355. Offered: Fall or Spring, as needed.

PSY 329 - Special Topics in Social Psychology (3 credits)

Examines a specific topic in social psychology in-depth. Students will find, analyze, and evaluate, primary sources related to the special topic. In a culminating project, students will investigate a sub-topic, and report in written and oral form on that topic. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in PSY 270 or PSY 355. Offered: Fall or Spring, as needed.

PSY 330 - Educational Psychology (3 credits)

Studies current theory and practice in the teaching/learning process from the perspective of child and young adolescent development. This course includes the dynamics of learning, environmental and cultural influences in the classroom, learning theory, cognitive mechanisms, classroom dynamics, measurement, and evaluation. This course does not satisfy major or minor requirements in psychology. Restricted to education majors.

Prerequisite: Third-year education major or permission of instructor. Offered: Fall.

PSY 333 - Tests and Measurement (3 credits)

Examines psychological testing and assessment. This course focuses on major types of psychological tests; the psychometric principles underlying testing; the ethical use of tests in educational, clinical, and occupational settings; and report writing.

Prerequisite: A grade of C or better in PSY 355. Offered: Fall and Spring.

PSY 340 - Advanced Counseling Skills (3 credits)

Presents advanced counseling skills and serves as the second course in a two-course sequence. This course contextualizes these advanced skills within an empirically supported, three-stage model of helping. The course also

addresses the theory and research that supports the use of these skills and examines the ethical and multicultural issues associated with these skills and the field of counseling.

Prerequisite: PSY 230 . Offered: Fall and Spring.

PSY 341 - Counseling Theories (3 credits)

Examines the major counseling theories. This course presents each theory's history, key assumptions, core concepts, goals, procedures and techniques, and empirical status. The course also examines multicultural issues associated with these counseling theories. Finally, the course asks students to compare and contrast these theories and to analyze which counseling theory best provides them with a home orientation. Restricted to psychology majors.

Prerequisite: A grade of C or better in PSY 230, PSY 260, and PSY 340. Offered: Fall and Spring.

PSY 343 - Research Methods and Data Analysis II (4 credits)

Introduces students to intermediate and complex experimental designs. In small groups, students will conduct a literature review and design an experiment to investigate a research question of their own choosing. Students will prepare the appropriate documents for IRB approval, choose or design their own materials and methods with guidance from the instructor, and execute the study. Students will analyze the data they collect using descriptive and inferential statistics and prepare an APA-style research report and APA-style research poster.

Prerequisite: A grade of C or better in PSY 201 and PSY 333. SEE Certification: Writing Intensive. Offered: Fall and Spring.

PSY 350 - 354 - Advanced Topics in Applied Psychology (3 credits)

Addresses a specific topic in applied psychology in depth. Students will read, evaluate, and discuss primary source materials related to the topic. In a culminating project, each student will develop and answer a question related to the topic and present their work in both written and oral form. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in PSY 201 or another SEE-certified 200-level WI course, or permission of department chair. Offered: Fall and Spring.

PSY 355 - Experimental Design and Analysis I (4 credits)

Introduces the basic principles and methods of research. Students will conduct a basic research study and analyze the data using descriptive and inferential statistics. This course also focuses on ethical considerations in research and writing an APA-style research report.

Prerequisite: A grade of C or better in PSY 136 or MATH 136 and PSY 201 (may be taken concurrently with permission of the department chair). Offered: Fall and Spring.

PSY 363 - Cognitive Psychology (3 credits)

Introduces students to the field of cognitive psychology. The course will focus on the mechanisms of human thinking, including the roots of perception, the structure of memory, the acquisition and use of language, how we make judgments and decisions, and how this knowledge informs all areas of psychology.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Fall and Spring.

PSY 370 - Biological Psychology (3 credits)

Examines the biological bases of behavior with an emphasis on how the brain creates the mind and consciousness. This course includes a study of neuronal and structural brain development; the senses, particularly vision and audition; sleep; emotions; neuroleptics; motivation and stress; the biological basis of learning and memory; as well as ethical concerns. A lab component will include dissection and brain mapping and the student-designed research projects.

Prerequisite: A grade of C or better in PSY 101 or PSY 101H. Offered: Fall and Spring.

PSY 405 - Career Development III (1 credit)

Focuses on evaluating, revising, and implementing professional development plans. Students will evaluate their professional development plans developed in PSY 305; identify academic and non-academic experiences consistent with their plans; engage in graduate program searches consistent with their career interests; and work towards completing their personal statements. Restricted to psychology majors.

Prerequisite: A grade of C or better in PSY 305, senior status. Offered: Fall.

PSY 420 - History and Systems of Psychology (3 credits)

Examines the philosophical and scientific foundations of psychology as it has emerged as a field of inquiry, an academic discipline, and a profession. The course provides an overview of the concept of globalization and its impact on postmodern psychology. Restricted to psychology majors in their senior year.

Prerequisite: A grade of C or better in PSY 341, senior status. Offered: Fall or Spring, as needed.

PSY 450 - Internship (3 credits)

Provides a field experience designed to meet specific academic and professional objectives. This course affords students the opportunity to develop further professional experience and to apply the knowledge, theories, and concepts learned in academic classes to their performance in a professional work setting. This course is graded as pass/fail.

Prerequisite: A grade of C or better in PSY 340 or PSY 343 or PSY 455, senior status, and permission of field placement coordinator. Offered: Fall and Spring.

PSY 455 - Experimental Design and Analysis II (4 credits)

Introduces students to advanced experimental designs and more advanced inferential statistics. Students will conduct a literature review and design an experiment to investigate a research question of their own choosing. Students will prepare the appropriate documents for IRB approval, choose or design their own materials and methods with guidance from the instructor, and execute the study. Students will analyze the data they collect using descriptive and inferential statistics and report their results using professional standards.

Prerequisite: A grade of C or better in PSY 355. Offered: Fall and Spring.

PSY 470 - Senior Research Thesis (3 credits)

Challenges students to complete an individual research project in psychology. Individually, students will design and conduct an experiment to investigate a research question of their own choosing. Students will prepare the appropriate documents for IRB approval, choose or design their own materials and methods with minimal guidance from the instructor, and execute the study. Students will analyze the data they collect using descriptive and inferential statistics, prepare an APA-style research report and APA-style research poster to submit and present to a national, regional or university wide conference.

Prerequisite: A grade of C or better in PSY 343 or PSY 455. Permission of research supervisor and department chair. Offered: Fall and Spring.

PSY 480 - Senior Seminar: Diversity in Psychology (3 credits)

Examines selected topics or issues in psychology related to diversity in one or more subfields of psychology. This course is taught in a seminar style that encourages discussion. Students will read, interpret, and critique psychological literature and write a paper that integrates empirical research articles and other relevant sources for a selected topic.

Prerequisite: Fourth-year status, psychology major, or by permission of the instructor. SEE Certification: Writing Intensive. Offered: Fall or Spring.

REA - Real Estate

REA 300 - Principles of Real Estate (3 credits)

Introduces the modern real estate industry with a focus on the commercial sector. Topics include analysis of real estate through evaluation of raw land and developed property values; its place in and impact on the US economy; the organization of the industry by its participants; basic forms of ownership and rental; and recording and transfer of real estate interests.

Prerequisite: None. Offered: Fall or Spring.

REA 310 - Property and Asset Management (3 credits)

Examines how commercial real estate is managed to maximize the investment returns and property value for the investor. Topics include: leases for commercial property; rental revenue generation from leasing; and the expenses of operating rental real estate. Student will also analyze a portfolio of several properties to assess the effectiveness of operations with respect to both tenants and owners.

Prerequisite: A grade of C or better in REA 300. Offered: Fall or Spring.

REA 320 - Commercial Real Estate Transactions (3 credits)

Examines the range of common commercial real estate legal applications and transactions most commonly used to effect owner interests and insure the legality of transfer and operation. Students will study the extensive range of legal, tax, and financial issues that affect ownership interests and insure legality of transfer and operation. Topics covered will be property acquisition and closing; appraisals; location description; tax considerations; construction and permanent financing; titling; leasing; and exit strategies.

Prerequisite: A grade of C or better in REA 300. Offered: Fall or Spring.

REA 400 - Real Estate Market Analysis, Valuation and Finance (3 credits)

Examines the demographic and economic drivers of real estate supply and demand and the sources of information on these drivers. Presents the topics of calculation of value of the real estate investment by forecasting rental revenues and expenses for net operating income, capitalization of income, the use of mortgage financing for financial leverage, and returns to the mortgage lender and equity investor.

Prerequisite: A grade of C or better in REA 300. Offered: Fall or Spring.

REL - Religion

REL 116 - Survey of the New Testament (3 credits)

Introduces the literature of the New Testament, with appropriate emphasis given to the background, growth, and thematic content of the Biblical materials.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently). SEE Certification: Humanities. Offered: Fall or Spring.

REL 202 - World Religions (3 credits)

Surveys the beliefs and practices of selected world religions. This course examines the impact religion has on certain aspects of our lives, such as politics, history, literature, and the arts. This course also seeks to provide the critical tools needed to determine and to evaluate religious influences.

Prerequisite: A grade of C or higher in ENG 150, ENG 151, or ENG 153 (may be taken concurrently) or

permission of the department chair. SEE Certification: Humanities. Offered: Fall and Spring.

REL 225 - The Religious Experience of Indigenous People (3 credits)

Explores various issues in selected indigenous religions. This course places special emphasis on the basic worldviews of a specific culture, such as African or Native American. The topics may include religion and morality, rites of passage, the family, religious symbols and art, sacrifice, religion and medicine, and encounters with foreign religions and cultures.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 (may be taken concurrently), or permission of the department chair. SEE Certification: Humanities. Offered: Fall, Spring, or Summer.

REL 265 - Comparative Thought in Religion (3 credits)

Explores, examines, and compares a targeted religious issue, such as transcendence, mortality, sexuality, humanity, transitions, justice, and evil in selected world religions.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 (may be taken concurrently), or permission of the department chair. SEE Certification: Humanities. Offered: Fall and Spring.

REL 270 - Contemporary Religion in the U.S. (3 credits)

Studies contemporary religious expressions in America. This course examines the origins, development, and current status of both mainline and peripheral movements, with discussions on attendant problems of national interest and addresses issues in which religion, politics, and community values influence each other across the contemporary landscape.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 (may be taken concurrently), or permission of the department chair. SEE Certification: Humanities. Offered: Fall or Spring.

REL 275 - Topics in Religion (3 credits)

Examines specialized topics in religion, usually centered on a particular religious theme, practice, place, person, event, or era. This course will allow students the opportunity to look at contemporary as well as past events that shape world religions and influence society. The particular topic will vary with each offering and will be dependent upon faculty and student interest. This course may be repeated for credit.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 (may be taken concurrently) or permission of the department chair. SEE Certification: Humanities. Offered: Fall or Spring.

REL 280 - Jesus of Nazareth (3 credits)

Examines the teachings of Jesus as they are reported in the New Testament books of Matthew, Mark, Luke, and John. Students will be challenged to trace the effects of what Jesus said-and did not say-on selected contemporary ethical issues, such as marriage, sex, wealth, poverty, abortion, homosexuality, and the death penalty.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 (may be taken concurrently) or permission of the department chair. SEE Certification: Humanities. Offered: Fall or Spring.

REL 285 - Exploring Western Religions (3 credits)

Provides a comparative study of the major Western religions as well as an examination of their historical development and resulting implications for contemporary issues.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 (may be taken concurrently), or permission of the department chair. SEE Certification: Humanities. Offered: Fall or Spring.

REL 290 - Exploring Eastern Religions (3 credits)

Explores Eastern religions from South and East Asia, combining a reading of selected canonical texts, a study of major thinkers, and a discussion of problems, such as the relationship between the religion and society.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently) or permission of the department chair. SEE Certification: Humanities. Offered: Fall or Spring.

SAS- Strategies for Academic Success

SAS 105 - Strategies for Academic Success (1 credit)

Focuses on helping students develop the study skills, learning strategies, and self-assessment techniques needed to be successful in the college environment. The course is designed to help students identify areas of strength as well as areas for growth specifically with executive functioning. Topics include but are not limited to: time management, organization, flexible thinking, and self-monitoring.

Offered: Fall or Spring.

SCI - Science

SCI 201 - Medical Terminology (3 credits)

Introduces medical terminology and the structure of medical words. Students will study the definitions of medical terms, as well as anatomical, pathological, pharmacologic, biochemical, and genetic terminology as related to body systems.

Prerequisite: A grade of C or better in BIO 104, BIO 112, or BIO 113 and in CHEM 110, CHEM 114, or CHEM 115. Offered: Spring and Summer, odd years.

SCI 215 - Writing in the Sciences (3 credits)

Develops information literacy and scientific writing skills. Emphasis is on finding and evaluating primary research literature, scientific writing for both lay and professional audiences, and communicating scientific findings in multiple written formats appropriate to the discipline.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 and a minimum of two science courses. SEE Certification: Writing Intensive. Offered: Fall and Spring.

SCI 301 - Internship (3 credits)

Provides opportunity for career- related work experience in a student's area of study. Internships are arranged on an individual basis to match students' career goals with employers' needs. Internships require a minimum of 120 hours at the employer's site plus a reflection evaluating the position and the experience. Students should arrange their internship prior to registering for the semester. Grading is pass/fail. Internships may or may not be paid depending upon employer policy.

Prerequisite: School of the Sciences major with a minimum of sophomore standing, permission of an SOS Academic Program Administrator.. Offered: Spring and Summer, odd years.

SVC- Service Learning

SVC 101 - Foundations of Service-Learning (1 - 3 credits)

Introduces students to service-learning through active engagement in planning, implementing, and evaluating their service experiences. Students will learn research-based approaches to service-learning while making connections between and across the curriculum, analyzing personal and professional goals, and exploring individual career paths. Students will apply their learning beyond the classroom and creatively address problems facing their communities, the nation, and the world. This course will provide students with the theoretical underpinnings of service-learning and help prepare them for the subsequent discipline-specific service-learning classes. Pass/Fail Grading

Offered: Fall, every year; Winterim and Spring, as needed.

SOC - Sociology

SOC 101 - Introduction to Sociology (3 credits)

Introduces building blocks of knowledge in the discipline of sociology, a discipline that examines how humans interact and how their interactions are influenced by social forces.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently). SEE Certification: Social Science. Offered: Fall and Spring.

SOC 101H - Honors - Introduction to Sociology (3 credits)

Introduces building blocks of knowledge in the discipline of sociology, a discipline that examines how humans interact and how their interactions are influenced by social forces. This course emphasizes a theme-based approach to introductory sociology and guided independent learning resulting in a research project.

Prerequisite: A grade of C or better in ENG 151 or ENG 153 (may be taken concurrently). Only open to students in the Honors Program. SEE Certification: Social Science. Offered: Spring.

SOC 102 - Contemporary Social Problems (3 credits)

Examines pressing social problems by focusing on the way society is organized and how it functions through its institutions. Emphasizing the sociological perspective, students explore definitions, origins, interpretations, and consequences of social problems and solutions to such public concerns as economic inequality, gender inequality, racism, and crime.

Prerequisite: A grade of C or better in ENG 150, ENG 151, or ENG 153 (may be taken concurrently). SEE Certification: Social Science. Offered: Fall and Spring.

SOC 203 - Sociology of Minority Groups (3 credits)

Explores the consequences of power differentials between special categories of peoples, such as those based on race, ethnicity, religion, sex, gender, and sexual preference. Emphasis is placed on sociological definitions and theories.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 and sophomore status. Offered: Fall or Spring, as needed.

SOC 206 - Sociology of Women (3 credits)

Studies women in society. This course explores women's roles in the past and present and considers their possibilities in the future. Applies theory and research findings in examination of gender-role socialization, life cycle roles and changes, feminism, and selected topics.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 and sophomore status. Offered: Fall, as needed.

SOC 207 - Organizations, Work, and Society (3 credits)

Examines functions, structures, and dynamics of organizations. Major theoretical perspectives and research findings provide the foundation for investigating a variety of topics related to human behavior and social roles in organizations, change processes, and integration of organizations into institutional spheres of society. Emphasis is placed on understanding work and the workplace.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 and sophomore status. Offered: Fall or Spring, as needed.

SOC 260 - American Popular Culture (3 credits)

Examines the interplay of popular arts, mass culture, and American society from the 1890s to the present, with emphasis on the period since World War II. This course draws on approaches of the social sciences and the humanities to gain insight into changing attitudes, values, and beliefs. Students investigate topics of special interest through field and or library research.

Prerequisite: A grade of C or better in ENG 152 or ENG 153 and sophomore status. Offered: Fall or Spring, as needed.

SOC 304 - Topics in Sociology (3 credits)

Provides opportunities for advanced students to examine topics of interest through supervised reading, research, and discussion. Themes include communities, sociology of sports, urban problems, and violence and peace. Topics announced each semester. This course may be repeated for credit if topics are different.

Prerequisite: A grade of C or better in ENG 152 and junior status. Offered: Fall and Spring.

SOD - School of Design

SOD 390 - Internship (Variable credits)

Provides the opportunity for students to gain career-related experience in a professional environment outside of the classroom. Students identify opportunities and apply for internships independently. Student placements must be approved before the start of the internship. The internship director offers faculty oversight of the academic component and guidance of the on-site internship. Students demonstrate achievement of goals with a daily journal, a self-evaluation, a site evaluation, and an on-site visit from the internship director. Students must complete 120 hours in their internship.

Prerequisite: A grade of P or better in CM, FDES, FMER, FMI, or GDES 290 and permission of the instructor. Offered: Summer, as needed.

SOD 395 - The Mill - Design Center (3 credits)

Applies communication and design theory and practice to professional client-based work in a dynamic interdisciplinary classroom setting. Students work together as a creative agency (The Mill Agency at Stevenson University) on projects for clients, meeting the client's needs through competent research, innovative strategy, thoughtful design, and the practical application of integrated marketing communication. Using skills learned in previous courses, students in the Mill Agency course offer a range of creative services which may include advertising, branding, graphic design, media production, design strategy, research, social media marketing, event planning, writing and public relations. Course includes studio and lecture.

Prerequisite: A grade of C or better in CM 205; FDES 302; FMER 210 and FMER 223; FMI 221; GDES 211. Offered: Fall and Spring.

SPN - Spanish

SPN 101 - Elementary Spanish I (4 credits)

Introduces the basics of Spanish communication skills, including speaking, listening, reading, writing, and major grammatical constructions. The course furnishes a basis for the further development of these communications skills in SPN 102. A grade of at least C or better is required to advance to the next level.

Prerequisite: By placement of the English Department Chair only. SEE Certification: Humanities. Offered: Fall.

SPN 102 - Elementary Spanish II (4 credits)

Continues the study of the basics of the Spanish communication skills covered in SPN 101, especially the study of major grammatical constructions, and further develops the skills of reading and writing in preparation for study at the intermediate level.

Prerequisite: Placement, two successful years of high school Spanish, or a grade of C or better in SPN 101. SEE Certification: Humanities. Offered: Spring.

SPN 115 - Cafe de Tapas - Spanish Conversation and Culture (1 credit)

Offers Spanish language students the opportunity to enrich their classroom experience through interpersonal communication in Spanish and to advance in their oral fluency, listening comprehension, and understanding of Hispanic cultures. Students meet one hour per week to converse informally and entirely in Spanish and to discuss independent projects and journals, current events and media, film, music, art, literature, and more, with attendees from the college community. The course involves three off-campus excursions to various venues of Hispanic cultures, such as local Hispanic fairs/celebrations, museums, and restaurants. This course is graded on a Pass/Fail basis. Repeatable for credit.

Prerequisite: Current or previous enrollment in SPN 101 or SPN 102 or permission of the instructor. Corequisite: Current or previous enrollment in SPN 101 or SPN 102 or permission of the instructor. Offered: Fall and Spring.

SPN 201 - Intermediate Spanish I (3 credits)

Continues development of the basic communication skills of speaking, listening, reading, and writing, as well as the study of vocabulary and grammar. This course includes an intensive grammar review with special attention given to conversational and writing skills. This course introduces students to selected works of literature, selected topics of Hispanic culture, and the relations of culture to language development. Class is conducted in Spanish.

Prerequisite: A grade of C or better in SPN 102, placement (three or more years of high school Spanish), or a score of 500+ on the SAT II test. SEE Certification: Humanities. Offered: Fall.

SPN 202 - Intermediate Spanish II (3 credits)

Continues grammar review, with an emphasis on translation and reading works of literature in original text. Students gain further practice in spoken and written language and continue the study of Hispanic literature and cultures. Class is conducted in Spanish.

Prerequisite: A grade of C or better in SPN 201. SEE Certification: Humanities. Offered: Spring.

SPN 215 - Café de Tapas—Spanish Conversation and Culture (1 credit)

Offers Spanish language students the opportunity to enrich their classroom experience through interpersonal communication in Spanish and to advance in their oral fluency, listening comprehension, and understanding of Hispanic cultures. Students meet one hour per week to

converse informally and entirely in Spanish and to discuss independent projects and journals, current events and media, film, music, art, literature, and more, with attendees from the college community. The course involves three off-campus excursions to various venues of Hispanic cultures, such as local Hispanic fairs/celebrations, museums, and restaurants. Additionally, students enrolled in the 200-level course may help those students enrolled in the 100-level course in collaborative learning projects. This course is graded on a Pass/Fail basis. Repeatable for credit.

Prerequisite: Current or previous enrollment in SPN 201 or SPN 202 or permission of the instructor. Corequisite: Current or previous enrollment in SPAN 201 or 202 or permission of the instructor. Offered: Fall and Spring.

THEA - Theatre and Media Performance

THEA 103 - Foundations of Performance (3 credits)

Develops important performance and communication skills through exercises, improvisations, and scene work. Students will practice exercises in imagination, active listening, and vocal and movement techniques. Analysis of scenes for a character's intentions, obstacles, and tactics is a major part of this course. Students learn to work within an ensemble and develop self-confidence in a performance.

Prerequisite: None. SEE Certification: Fine Arts and Communication Intensive. Offered: Fall and Spring.

THEA 115 - Stagecraft (3 credits)

Introduces students to the technical elements of modern scenery and lighting practices required to produce a theatrical production. Through a mix of lecture and lab, students develop verbal and visual communication techniques, common construction practices, rigging procedures, material selection and equipment usage along with the rationale of their applications.

Prerequisite: None. Offered: Fall.

THEA 116 - Script Analysis (3 credits)

Focuses on the analysis of theatrical scripts in preparation for public performance. Analysis will include a thorough understanding of a play's given circumstances, units of action, social-political environment, and use of language, tempos and themes. Students practice reading, then researching production styles, and planning their own interpretation of productions based on a variety of important American and international plays.

Prerequisite: A grade of C or better in THEA 121. Offered: Spring.

THEA 121 - Introduction to Theatre (3 credits)

Examines, through readings, lecture and discussion, the responsibilities and techniques of theatre artists (playwrights, actors, directors, designers) who collaborate to create the dramatic experience. Students further investigate the nature of this experience by critiquing Stevenson University productions.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Fall and Spring.

THEA 203 - Intermediate Performance (3 credits)

Expands on the skills learned in Foundations of Performance by digging deeper into Konstantin Stanislavski's system of acting. The course tackles realistic plays by focusing on character analysis as a method of actor training for stage and screen.

Prerequisite: A grade of C or better in THEA 103. Offered: Fall.

THEA 210 - Acting for the Camera I (3 credits)

Develops skills for on-camera performance through an introduction to camera technology, analysis of film and multi-media scripts, and on-camera acting exercises. Students will gain an understanding of how they are perceived on camera and how best to communicate and collaborate with a film or multi-media director and crew.

Prerequisite: A grade of C or better in THEA 103 or approval by program coordinator. Offered: Spring.

THEA 215 - Theatre Practicum: Set Design and Construction (1 credit)

Introduces the functions of scenery, the elements, principles, and aesthetics of set design, and the working process of the set designer and their role in the collaborative dramatic experience. Under faculty supervision, students also learn how to use the tools and equipment in the set shop and construct sets for Stevenson University productions. (45 crew hours) This course is repeatable for credit.

Prerequisite: None. Offered: Fall and Spring.

THEA 216 - Theatre Practicum: Scene Painting and Props (1 credit)

Introduces and practices the principles, aesthetics, and techniques of theatrical scene painting. Students learn various techniques for creating texture and design through paint for theatrical sets. (45 crew hours) This course is repeatable for credit.

Prerequisite: None. Offered: Fall and Spring.

THEA 217 - Theatre Practicum: Stage Lighting and Sound (1 credit)

Develops an appreciation for the working process of the lighting designer and their role in the collaborative dramatic experience. Students learn, through hands-on experience, the functions and objectives and qualities of stage lighting and the types and uses of lighting instruments. Under faculty supervision, students learn how to hang, circuit, gel, and focus lights and how to operate a computerized light board. Students learn the importance of sound in a production and-as needed for Stevenson University productions-develop the ability to reproduce, reinforce, or mix sound, create specific sound effects, and produce audio for the productions. (45 crew hours) This course is repeatable for credit.

Prerequisite: None. Offered: Fall and Spring.

THEA 218 - Theatre Practicum: Costuming (1 credit)

Introduces the functions of costumes, the elements, principles, and aesthetics of theatrical costume design, and the working process of the costume designer (including script analysis, research, sketching, and building) and their in the collaborative dramatic experience. Under faculty supervision, students pull from stock and construct and maintain costumes for Stevenson University productions. (45 crew hours) This course is repeatable for credit.

Prerequisite: None. Offered: Fall and Spring.

THEA 220 - Foundations of Theatrical Design (3 credits)

Introduces students to the theatrical design process and provides students with opportunities to explore the creation of a cohesive production across design disciplines. The areas of lighting, scenery, costume and sound design will be explored through a mix of hypothetical scenarios coupled with projects that are intended to be implemented in the department's spring production.

Prerequisite: None. SEE Certification: Fine Arts. Offered: Spring.

THEA 224 - Play Performance (3 credits)

Involves participation in department theatre productions after auditioning and being cast. Students develop roles and explore the script in a production by exploring genre, author, social context, interpretation, and production style. They may also participate in training related to the specific needs of the production, e.g., use of dialect, period movement, dance, choral speaking, or specific acting styles. This course may be repeated for credit. Students must receive permission from the program coordinator before registering for this course.

Prerequisite: None. Offered: Fall and Spring.

THEA 225 - Play Performance (0 credits)

Involves participation in department theatre productions after auditioning and being cast. Students develop roles and explore the script in a production by exploring genre, author, social context, interpretation, and production style. They may also participate in training related to the specific needs of the production, e.g., use of dialect, period movement, dance, choral speaking, or specific acting styles. This course may be repeated, but it is a non-credit course. Students must receive permission from the program coordinator before registering for this course.

Prerequisite: None. Offered: Fall and Spring.

THEA 240 - Theatre History I (3 credits)

Studies masterpieces of Eastern and Western theatre from antiquity to the 16th century and explores their structure and themes, as well as the historical contexts, performance arenas, acting styles, and staging methods that have given these scripts life. Students examine key figures and trends and discover the ways in which theatre both reflects and affects the society that creates it.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Humanities. Offered: Fall and Spring.

THEA 241 - Theatre History II (3 credits)

Studies masterpieces of Eastern and Western theatre from the 17th century to the present and explores their structure and themes, as well as the historical contexts, performance arenas, acting styles, and staging methods that have given these scripts life. Students examine key figures and trends and discover the ways in which theatre both reflects and affects the society that creates it.

Prerequisite: A grade of C or better in ENG 152 or ENG 153. SEE Certification: Writing Intensive. Offered: Spring.

THEA 270 - Voice for the Actor (3 credits)

Develops the voice for performance. Students will study alignment, diaphragmatic breathing, relaxation, phonation, articulation, resonance, projection, Standard American Speech, and the International Phonetic Alphabet. Students will also learn how to apply their vocal technique to create and perform characters.

Prerequisite: None. Offered: Spring.

THEA 275 - Theatre Movement (3 credits)

Develops the physical awareness of students as it relates to the individual actor and the ensemble. Students develop strength, flexibility, presence, and coordination through improvisations, presentations, and the creation of original theatre compositions.

Prerequisite: None. Offered: Spring.

ENG 288 - Literary Genres: Drama (3 credits)

Explores the elements of drama (plot, character, dialog, theme, and staging) using examples from world literature. Students study plays from different periods of theatre history representing the basic types of drama. Students examine various approaches to the analysis and interpretation of plays and develop skill in writing responses to scripts and live productions. Fee: Theatre tickets

Prerequisite: A grade of C or better in ENG 152 or ENG 153. Cross-Listed as: ENG 288. SEE Certification: Humanities. Offered: Fall.

THEA 301 - Performances Styles (3 credits)

Offers students an opportunity to work on a performance style that is not 20th or 21st century realism. The performance work in this class is highly physical and vocal exploring the visceral roots of performance that go beyond the intellectual.

Prerequisite: A grade of C or better in THEA 203. Offered: Fall.

THEA 310 - Acting for the Camera II (3 credits)

Expands skills learned in Acting for the Camera I. Students will analyze and evaluate characters for on-camera performance. Additionally, students will create an

original on-camera project such as a web series or short film.

Prerequisite: A grade of C or better in THEA 210. Offered: Spring.

THEA 318 - Internship (3 credits)

Includes planning and participation in an internship coordinated by a faculty director. The internship consists of 120 hours in an off-campus professional environment (business, government agency, non-profit organization, etc.) where the student receives practical, career-oriented experience under an on-site supervisor. Placement of the student is arranged by the University. The student may begin the internship before the end of the semester in which THEA 318 is taken, which meets weekly for one hour; however, the internship must be completed before the end of the spring semester-when THEA 318 is taken in the fall or by the end of the summer and the start of the next academic year-when THEA 318 is taken in the spring. At the conclusion of the experience, the student and the on-site supervisor evaluate the experience.

Prerequisite: A grade of C or better in THEA 121, THEA 202, THEA 204, and THEA 210. Offered: Fall and Spring.

THEA 335 - Directing (3 credits)

Analyzes the role of the theatrical director. Students develop skills in dramaturgical and script analysis, learn key elements of stage composition, explore the uses of movement and rhythm, and study directorial functions within both theatrical events and creative collaborations.

Prerequisite: A grade of C or better in THEA 203. Offered: Spring.

THEA 370 - Advanced Voice for the Actor (3 credits)

Applies the vocal technique learned from Voice for the Actor I to voice-over performance. A wide variety of voice-over genres will be explored and practiced by students including animation/character, news copy, audio books, and sales. Operation and experimentation with recording software will be also be explored. The course will culminate in students completing an audition reel for professional work.

Prerequisite: A grade of C or better in THEA 270. Offered: Fall.

THEA 375 - Advanced Movement (3 credits)

Develops techniques introduced in Movement I with further concentration of Anne Bogart's Viewpoints and Rudolf Laban's efforts, and addresses the differences between the movement for film style shooting and video style shooting. Students explore the differences needed to perform on the stage and the adjustments made for the limitations of the camera's vista.

Prerequisite: A grade of C or better in THEA 275. Offered: Fall.

THEA 380 - Audition Techniques (3 credits)

Prepares students for professional auditions through the analysis, evaluation and performance of monologues and scenes. Students will practice a wide range of audition scenarios, including an open-call, side, improvisational, dance, voice, and callback. Additionally, students will work on interviewing skills. The course will culminate in an equity-style showcase which is the standard for the profession.

Prerequisite: A grade of C or better in THEA 301. Offered: Fall.

THEA 410 - Design and Collaboration (3 credits)

Provides Theatre and Media Performance majors with a pre-production theatre experience that explores the collaborative relationship among theatre practitioners—directors, scenic designer, lighting designer, costume designers, and sound designers. The course emphasizes theatrical design as a creative process that begins with the initial visualization of design concepts, which are then researched by a director and collaboratively developed by a design team.

Prerequisite: A grade of C or better in THEA 335. Offered: Fall.

THEA 430 - Business of Acting (4 credits)

Instructs student actors in developing strategic and intelligent career choices. This course emphasizes vital non-performance skills such as calibrating expectations, maintaining financial responsibility, developing professional documents (headshots and resumés) in a digital age, and understanding the roles of agents, managers, and casting directors. Students learn how to apply these skills to obtain employment.

Prerequisite: A grade of C or better in THEA 410. Offered: Spring.

THEA 452 - Senior Project: Theatre (3 credits)

Focuses on developing a recital piece for public performance. Each year students choose, depending on their interest, if they want to perform scenes, monologues, or a play. This is the capstone that highlights each student's work and what they learned during their four years of study.

Prerequisite: A grade of C or better in THEA 301. Offered: Spring.

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Program in Accounting

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Program in Fashion Merchandising

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Program in Healthcare Management

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School of Design

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