



College in High School Course Catalogue

**Academic Year
2023-2024**

COLLEGE IN HIGH SCHOOL COURSE CATALOGUE 2023-2024

I. Introduction

Introduction to Seton Hill University

Seton Hill University is a Catholic liberal arts university founded by the Sisters of Charity and chartered in 1918 by the Commonwealth of Pennsylvania. The University focuses on career growth and potential under rigorous academic standards.

The University is conscious of its Catholic intellectual heritage. As a Catholic institution, Seton Hill values the cumulative wisdom of the past, reveres human creativity and human intellectual capacity in all its dimensions, and is mindful of the life of the spirit. Through guidance and example, Seton Hill University leads students to experience and assimilate the graces of respect, courtesy, openness, kindness, and compassion.

Mission Statement

Seton Hill is a Catholic university rooted in Judeo-Christian values. In the tradition of Elizabeth Ann Seton, we educate students to think and act critically, creatively, and ethically as productive members of society committed to transforming the world.

University Learning Objectives

1. Communication and Problem Solving

- 1.1 Express ideas clearly, in written, multimodal, and oral communication, considering purpose, audience, and format.
- 1.2 Analyze issues, make decisions, and address problems using critical thinking.
- 1.3 Demonstrate leadership, including negotiation, relational, consensus-building, and teamwork skills.
- 1.4 Communicate and express ideas through the arts.
- 1.5 Integrate appropriate technologies to solve problems, complete tasks, and accomplish goals.

2. Historical, Cultural, and Global Awareness

- 2.1 Relate effectively across various linguistic and cultural settings.
- 2.2 Use time, place, and social change as frameworks for analyzing social developments from multiple disciplinary perspectives.
- 2.3 Evaluate current and historical events through the lens of spirituality and global social justice.
- 2.4 Critique privilege and oppression from the perspective of diverse identities.

3. Multiple Modes of Inquiry, Reasoning, and Expression

- 3.1 Generate, analyze, and interpret numerical data.
- 3.2 Locate, analyze, evaluate, and organize, primary and secondary sources, including expressive media, to comprehend the significance of an issue or an event.
- 3.3 Interpret quantitative and qualitative information to formulate positions to reach conclusions or to present a logical argument.
- 3.4 Demonstrate respect for multiple ideas and worldviews.

4. Reflection and Self-Assessment

- 4.1 Employ ethical decision-making grounded in philosophical inquiry.
- 4.2 Apply Catholic social teaching to the analysis of contemporary social issues.
- 4.3 Explain the value of diverse spiritual and religious perspectives.
- 4.4 Integrate the action of charity with the virtue of justice.
- 4.5 Exercise responsible freedom and civic engagement based on an informed value system.

5. Professionalism and Career Readiness

- 5.1 Model ethical behavior, responsible freedom, and engaged citizenship.
- 5.2 Demonstrate accountability, effective work habits, and the ability to assess areas necessary for professional, personal, and societal growth.
- 5.3 Identify and articulate skills, strengths, knowledge, and experiences relevant to one's career goals.
- 5.4 Complete experiential learning to pursue professional opportunities.

Nondiscrimination Statement

Seton Hill University, as an educational institution and as an employer, values equality of opportunity, human dignity, and racial/ethnic and cultural diversity. Accordingly, the University prohibits and will not engage in discrimination or harassment on the basis of race, color, religion, national origin, genetic information, age, marital status, familial status, sex, sexual orientation, gender identity, disability, or veteran status. Further, the University will continue to take affirmative steps to support and advance these values. This policy applies to admissions, employment, and access to and treatment in University programs and activities. This is a commitment made by the University and is in accordance with federal, state, and/or local laws and regulations. Further, the University will continue to take affirmative steps to support and advance these values. This policy applies to admissions, employment, and access to and treatment in University programs and activities. This is a commitment made by the University and is in accordance with federal, state, and/or local laws and regulations.

For More Information

Requests for information should be directed to the relevant office listed below:

College in High School Dual Credit	724-838-4219
Registrar	724-830-1010
Reeves Memorial Library	724-838-4270
Admissions: Undergraduate and Transfer	724-838-4255

<https://www.setonhill.edu/admissions/undergraduate-admissions/>

Disclaimer Statement

The statements in this catalog are for information only and do not constitute a contract between the student and Seton Hill University. The University reserves the right to change any policy, requirement, course offering, course delivery, or fee. The University also reserves the right to exclude students whose conduct or academic standing is deemed by the University not to be in accord with the requirements set forth in this catalog.

II. Accreditation

Seton Hill University is accredited nationally by the Middle States Commission on Higher Education. The Middle States Commission on Higher Education is a voluntary, non-governmental, membership association that defines, maintains, and promotes educational excellence across institutions with diverse missions, student populations, and resources. The Commission is dedicated to quality assurance and improvement through accreditation via peer evaluation. Middle States accreditation instills public confidence in institutional mission, goals, performance, and resources through its rigorous accreditation standards and their enforcement.

Discipline accreditations held by Seton Hill University include:

- **Accreditation Review Commission on Education for the Physician Assistant (ARC-PA).** The ARC-PA is the accrediting agency that protects the interests of the public and the Physician Assistant (PA) profession by defining the standards for PA education and evaluating PA educational programs within the territorial United States to ensure their compliance with those standards. The ARC-PA awards accreditation to programs through a peer review process that

includes documentation and periodic site visit evaluation to substantiate compliance with the Accreditation Standards for Physician Assistant Education. The accreditation process is designed to encourage sound educational practices and innovation by programs and to stimulate continuous self-study and improvement.

- **Academy of Nutrition and Dietetics, Accreditation Council for Education in Nutrition and Dietetics (ACEND).** The Accreditation Council for Education in Nutrition and Dietetics (ACEND) is an autonomous accrediting agency for education programs preparing students to begin careers as registered dietitians or dietetic technicians. registered Programs meeting the ACEND Accreditation Standards are accredited by ACEND. ACEND ensures the quality of nutrition and dietetics education to advance the practice of the profession and is valued for advancing excellence in nutrition and dietetics education.
- **Commission on Dental Accreditation (CODA).** Seton Hill University's program in orthodontics and dentofacial orthopedics is accredited by the Commission on Dental Accreditation. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (312) 440-4653 or at 211 East Chicago Avenue, Chicago, IL, 60611. The Commission's web address is: http://www.ada.org/prof/ed/programs/search_index.asp.
- **Committee on Accreditation for the Exercise Sciences (CoAES).** CoAES was established in April 2004 under the auspices of the Commission on Accreditation of Allied Health Education Programs (CAAHEP). The primary role of the CoAES is to establish standards and guidelines for academic programs that facilitate the preparation of students seeking employment in the health, fitness, and exercise industry. The secondary role of the CoAES is to establish and implement a process of self-study, review, and recommendation for all programs seeking accreditation. Seton Hill's Exercise Science program achieved initial Accreditation in July of 2018.
- **Council on Accreditation in Physical Therapy Education (CAPTE).** The Commission on Accreditation in Physical Therapy Education is an accrediting agency that is nationally recognized by the US Department of Education (USDE) and the Council for Higher Education Accreditation (CHEA). CAPTE grants specialized accreditation status to qualified entry-level education programs for physical therapists and physical therapist assistants. The Doctor of Physical Therapy Program at Seton Hill University was granted Candidate for Accreditation status by CAPTE in July 2021. Candidate for Accreditation is an accreditation status of affiliation that indicates the program may matriculate students in technical/professional courses.
- **Council on Social Work Education (CSWE).** CSWE is a non-profit national association representing over 3,000 individual members as well as 158 graduate and undergraduate programs of professional social work education. Founded in 1952, this partnership of educational and professional institutions, social welfare agencies, and private citizens is recognized by the Council for Higher Education Accreditation as the sole accrediting agency for social work education in the United States.
- **International Accreditation Council for Business Education (IACBE), undergraduate programs in accounting and business administration, MBA.** International Accreditation Council for Business Education (IACBE) is the premier professional accreditor for business programs in student-centered colleges and universities throughout the world. The IACBE exists to promote, develop, and recognize excellence in business education.
- **National Academy of Early Childhood Programs (NAEYC).** The Academy is a division of the National Association for the Education of Young Children, an organization that establishes guidelines for excellence in Early Childhood Programs. Membership in NAEYC does not automatically accredit a program. The accreditation process is voluntary. Accredited programs must meet and maintain stringent criteria in the areas of health and safety, staff and administration, curriculum, evaluation, and environment.
- **National Association of Schools of Music (NASM), Commission on Accreditation.** The National Association of Schools of Music, founded in 1924, is an organization of schools,

conservatories, colleges, and universities with over 600 accredited institutional members. It establishes national standards for undergraduate and graduate degrees in music and other credentials. Institutional Membership is gained only through the peer process of accreditation. Seton Hill's music programs have been accredited since 1948.

Discipline program approvals include:

- **American Art Therapy Association (AATA) (graduate program in art therapy).** The AATA is an organization of professionals dedicated to the belief that the creative process involved in art making is healing and life enhancing. Its mission is to serve its members and the general public by providing standards of professional competence and developing and promoting knowledge in, and of, the field of art therapy.
- **American Music Therapy Association (music therapy program).** AMTA's purpose is the progressive development of the therapeutic use of music in rehabilitation, special education, and community settings. AMTA is committed to the advancement of education, training, professional standards, credentials, and research in support of the music therapy profession.
- **The Pennsylvania Department of Education (teacher certification programs).** The Pennsylvania Department of Education authorizes Seton Hill University to conduct programs that lead to certificates for teachers. Seton Hill meets the following requirements: (1) is approved as a baccalaureate or graduate degree granting institution by the Department and (2) is evaluated and approved as a teacher preparing institution to offer specific programs leading to certification in accordance with procedures established by the Department.

III. Grading – Undergraduate

Grade	Scale	Quality Points	Description
A	93-100%	4.00	Indicates the student has demonstrated superior aptitude and initiative in the course and produced work of excellence and distinction characterized by practical application, originality, creativity, insight, and understanding.
A-	90-92%	3.67	
B+	87-89%	3.33	Indicates the student has demonstrated very good aptitude and given evidence of marked achievement in accuracy, practical application, originality, creativity, insight, and understanding.
B	83-86%	3.00	
B-	80-82%	2.67	
C+	77-79%	2.33	Indicates the student has demonstrated minimal aptitude and achievement toward accuracy, practical application, originality, creativity, insight, and understanding.
C	73-76%	2.00	
C-	70-72%	1.67	
D+	67-69%	1.33	Indicates work which, while unsatisfactory in some respects, is acceptable enough on an overall basis to receive university credits.
D	63-66%	1.00	
D-	60-62%	0.67	
F	0-59%	0.00	Indicates failure in the course. No credit is awarded.
W			Indicates the student withdrew officially before mid-semester.

In circumstances where a change to a student's grade is necessary, this must be done by the faculty member in consultation with the Registrar, whose approval is required. For fall semester courses, this must be done no later than the following February 28; for spring semester courses, by June 30; and for summer term courses, by September 30.

IV. Student Academic Credit

Students may enroll for a maximum of 12 postsecondary credits through College in High School Dual Enrollment per academic semester. (24 per academic year)

The University will award credit to students who successfully complete courses identified in this Course Catalogue and the University will record this credit in a manner similar to other undergraduate students who take a course at the University. If a College in High School Dual Enrollment student matriculates at the University following graduation from the School/District, the University will recognize those credits as applying to the student's degree requirements as it would for any regularly enrolled postsecondary student who took its courses.

V. Student Eligibility

Standard Eligibility: Students who meet all of the following criteria are qualified to participate in the Dual Credit Program:

- The student is a high school junior or senior.
- The student will be on track to fulfill graduation requirements by the end of his/her senior year based upon credits earned and required courses completed/scheduled.
- The student has demonstrated proficiency in reading, writing, and mathematics as determined by School/District assessment.
- The student has demonstrated ability and readiness for college-level coursework in the intended area of study as determined by the School/District.
- The student has the recommendation of the High School Principal or his/her designated High School Liaison.

Alternative Eligibility (not typical): Students who do not meet the above criteria may be permitted to enroll in College in High School Dual Credit courses if they meet the following alternative criteria and receive approval from both the University and the High School Principal or his/her designated High School Liaison.

- The student is a sophomore with a cumulative grade point average of 3.5 or better.
- The student will be on track to fulfill graduation requirements by the end of his/her senior year based upon credits earned and required courses completed/scheduled.
- The student has demonstrated advanced proficiency in reading, writing, and mathematics as determined by School/District assessment.
- The student has demonstrated advanced ability and readiness for college-level coursework in the intended area of study as determined by the School/District.
- The student has demonstrated exceptional ability in a content area and has the recommendation of the High School Principal or his/her designated High School Liaison.

In order to remain in the College in High School Dual Credit program, the School/District may require a student to maintain a grade point average of 3.0 and maintain a minimum grade of C (2.0) in each College in High School Dual Credit course in which they are enrolled.

VI. Program Courses

The College in High School Dual Credit Program courses offered meet the following criteria:

- The courses are in a core academic subject as defined by the No Child Left Behind Act of 2001 and/or the Every Child Succeeds Act of 2015. NCLB identified core subjects include English, reading or language arts, mathematics, science, foreign language, civics and government, economics, arts, history, and geography. The ESSA expanded core subjects to include writing, technology, engineering, computer science, music, and health.
- Each course has a strong history of transfer as determined by the University's Registrar's Office.
- All courses are evaluated by the University to assure the content and rigor meets the expectations of a college-level course.
- Tuition for each course will be \$230, paid online through the SHU NelNet portal or to Seton Hill University.

VII. Course Descriptions

SAR 105 - History of Western Art I (Art)

The history of art in Western culture: Prehistoric to Renaissance. 3 credits
Liberal Arts Curriculum: Satisfies the Global Cultures requirement.

SAR 110 - History of Western Art II (Art)

The history of art in Western culture: Baroque to the present. 3 credits
Liberal Arts Curriculum: Satisfies the Global Cultures requirement.

SAR 115 - Drawing (Art)

Concepts of seeing as it relates to drawing, introduction to various drawing media. 3 credits.

SAR 120 - 2-D Design (Art)

Introduction to the tools, materials, and concepts of two-dimensional image-making; the elements and principles of visual organization with contextual associations; drawing, painting, introductory printmaking, and mixed media. 3 credits
Liberal Arts Curriculum: Satisfies the Artistic Expression requirement.

SAR 135 – Black and White Photography (Art)

Introduction to the camera, film developing, enlargement, and printing; emphasis on developing skills to produce the “classic” print. 3 credits
Liberal Arts Curriculum: Satisfies the Artistic Expression requirement.

SAR 180 - Digital Imaging I (Art)

Study of theory and hands-on application of digital image creation and manipulation. Emphasis on the study of Adobe Photoshop software. 3 credits
Liberal Arts Curriculum: Satisfies the Artistic Expression requirement.

SAR 225 - Clay (Art)

Hand-building and wheel forming methods; clay body and glaze formulation; glaze application; firing procedures; kiln design. 3 credits
Liberal Arts Curriculum: Satisfies the Artistic Expression requirement.

SAR 245 - Metalsmithing (Art)

Fabricated, formed, and cast metals; jewelry and handwrought holloware. 3 credits
Liberal Arts Curriculum: Satisfies the Artistic Expression requirement.

SBL 145 - The Environment: Issues & Choices (Biology)

This course is designed to give a non-science major an understanding of the interrelationship between the natural environment and humans, including the biological, social, and economic aspects of current environmental challenges. It focuses on building the scientific framework necessary to understand environmental issues. 3 credits
Liberal Arts Curriculum: Satisfies the Natural Science requirement.

SBL 150 - General Biology I (Biology)

The basic principles of life as they relate to the cellular, organismic and population levels of the organization. Topics of discussion include cell structure and function, cell cycle and signaling, carbon chemistry, energy transfer, reproduction, genetics, and gene expression. It is offered primarily for Biology majors and for non-science majors with permission of the instructor. 3 credits
Corequisite: SBL151
Liberal Arts Curriculum: Satisfies the Natural Science requirement.

SBL 151 - General Biology I Laboratory (Biology)

An introductory, research-based course where students will conduct multiple short term research projects. Throughout these research projects, students focus on learning basic techniques and using standard lab equipment typically used in biology laboratories. Topics introduced in this course include scientific method, reading and analyzing scientific literature, oral science communication, plant biology, and microbiology. 1 credit
Corequisite: SBL150.

SBL 152 - General Biology II (Biology)

The second course of the general biology sequence includes a broad spectrum of analysis at the molecular through a global scale. Topics of study include biodiversity, speciation, the origins of life on earth, and evolution of plants and animals. Offered primarily for Biology majors and for non-science majors with permission of the instructor.
Corequisite: SBL153.
3 credits.

SBL 153 - General Biology II Laboratory (Biology)

A research-based, semester-long investigation on how the environment and ecosystem are affected by human impacts, such as pollution. Throughout their research, students will continue to develop basic laboratory skills and gain experience doing more advanced biological techniques in preparation for upper-level biology courses. Topics include scientific method, reading and analyzing scientific literature, designing experiments, data analysis, written science communication, environmental biology, animal behavior, invertebrate zoology, and cell biology. 1 credit.
Corequisite: SBL150.

SBL 218 - Microbiology (Biology)

Study of the basic concepts of microbiology from a human health and disease perspective. Topics include basic microbial cell biology and genetics, immunology, virology, pathogenicity, antimicrobial therapeutics, epidemiology and public health, and disease transmission. 3 credits.
Prerequisites: SCH 116 or SCH 141 or one semester of college-level chemistry; and SBL 150, SBL 152, or SHL 214.

Corequisite: SBL 219

SBL 219 - Microbiology Laboratory (Biology)

A survey course of the laboratory methods for studying microbes. Students explore microbes from both general and human-related standpoints. Students identify one unknown bacterial strain and maintain a laboratory notebook. Emphasis on skill development of techniques used by microbiologists. 1 credit
Prerequisite: SCH 141 or SCH 116; and SBL 151 or SBL 153 or SHL 215.
Corequisite: SBL 218

SBU 100 - Principles of Accounting I (Business)

General introduction to accounting principles and bookkeeping methods; the theory of debit and credit; financial statements; working papers; adjusting and closing entries. 3 credits.

SBU 101 - Principles of Accounting II (Business)

An examination of depreciation theory; liabilities; voucher system; payroll; partnership; corporation; consolidated statements; statement of cash flow. 3 credits
Prerequisite: SBU100.

SBU 180 - Introduction to Business (Business)

Process of management in both profit and non-profit organizations. Emphasis on major functions of management, with decision-making as an integral part of each, including planning, organizing, leading, staffing and training, development, and marketing. 3 credits

SBU 220 - Principles of Marketing (Business)

An introduction to basic marketing functions including product/service planning, distribution activities, location, logistics, promotion strategies, sales, e-commerce, and pricing techniques. Ethical ramifications and problem-solving approaches of marketing. 3 credits

SBU 255 – Entrepreneurial Mindset (Business)

This course introduces students to the entrepreneurial mindset: how entrepreneurs think and act, search for innovative ideas, select the best ones, and then turn their ideas into opportunities. The focus is on entrepreneurship as a process. Topics include entrepreneurship and entrepreneurship. 3 credits.

SCA 130 – Public Speaking (Communication)

Students develop informative, persuasive, and expressive speaking proficiencies. Practice in personal communication skills, writing for the ear, effective listening, oral reports, and the use of body language, visual aids, technologies, and occasions to motivate and enhance communication. 3 credits.

SCA 290 - Visual Communication (Communication)

Knowledge and skill development to create effective and affective information resources in multiple venues. Examination of the design, development, and production of visual media. Topics include typography, graphics, color, layout, publication and posting techniques, and industry standards. 3 credits.

SCH 115 – General & Organic Chemistry Principles (Chemistry)

Introduction to the basic principles of chemistry with a focus on structure, properties, and reactions of representative inorganic and organic compounds. Special emphasis will be placed on applications to biological systems and health-related fields. Designed for allied health students. 3 credits
Liberal Arts Curriculum: With SCH 116, satisfies the Natural Science requirement.

SCH 116 – General & Organic Chemistry Principles Lab (Chemistry)

Experiments will provide students with a “hands-on” approach to concepts discussed in the lecture: common laboratory techniques in both general and organic chemistry will be introduced. Designed for allied health students. 1 credit

Prerequisite or corequisite: SCH 115

Liberal Arts Curriculum: With SCH 115, satisfies the Natural Science requirement.

SCH 140 – General Chemistry I (Chemistry)

A study of basic concepts and fundamental principles of chemistry, including stoichiometry, electron configurations, bonding, ionic and molecular structures, aqueous chemical reactions, gas laws, thermodynamics, properties of matter and solutions, equilibrium, and acid-base chemistry. This course covers all content necessary for taking organic chemistry. 3 credits

Liberal Arts Curriculum: With SCH 141, satisfies the Natural Science requirement.

SCH 141 – General Chemistry I Laboratory (Chemistry)

An introduction to scientific measurement, chemistry laboratory techniques, and written communication. Experiments will complement the concepts discussed in lecture, addressing topics such as stoichiometry, aqueous chemical reactions, gas laws, chemical equilibrium, and thermochemistry. 1 credit

Prerequisite or corequisite: SCH 140

Liberal Arts Curriculum: With SCH 140, satisfies the Natural Science requirement.

SCH 142 - General Chemistry II

An intermediate study of inorganic and physical chemistry concepts, including atomic structure, introductory quantum mechanics, molecular orbital bonding theory, periodic trends, colligative properties, oxidation-reduction, thermodynamics, and kinetics. 3 credits

Prerequisite: SCH 140

Corequisite: SCH 143

SCH 143 - General Chemistry II Laboratory

A continuation of SCH 141, General Chemistry I Laboratory, provides additional experience with scientific measurement, chemistry laboratory techniques, and written communication, in addition to employing the scientific method for design and execution of experiments. Experiments will complement the concepts discussed in lecture, addressing topics such as calorimetry, redox reactions, gases, kinetics, intermolecular forces, colligative properties, and spectroscopy. 1 credit.

Prerequisites: SCH 140 and SCH 141

Pre- or corequisite: SCH 142

SCJ 110 - Introduction to Criminal Justice (Criminal Justice)

Provides an overview of the criminal justice system in the United States, including the historical and contemporary operation of police, courts, and corrections. Examines differences between the adult and juvenile justice systems. Reviews ethical guidelines for criminal justice professions. A 20-hour service-learning requirement introduces students to the components, best practices, and career opportunities in the criminal justice field. 3 credits

Liberal Arts Curriculum: Satisfies the Social Science requirement.

SCN 100 – Elementary Chinese Language & Culture I (Chinese)

An introductory course for basic comprehension and communication in Chinese. Coordinates the study of language with culture through the use of video, magazines, and television. Assumes little or no prior knowledge of the language. 3 credits

SCN 105 – Elementary Chinese Language & Culture II (Chinese)

A college-level intensive language course which emphasizes development of communicative and writing skills in Chinese. Includes readings in cultural and literary material. 3 credits

Prerequisite: SCN100 or prior knowledge of the language.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SCN 205 - Intermediate Chinese Lang & Cult I (Chinese)

Development of narrative and conversational skills and proficiency-oriented problem-solving. 3 credits

Prerequisite: SCN 105 or minimum 3-4 years of high school Chinese.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SCN 210 - Intermediate Chinese Lang & Cult II (Chinese)

Study of the current and historic cultural trends in China. Specialized uses of grammar. Develops idiomatic use of the language. 3 credits

Prerequisite: SCN 205 or permission of instructor.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SCN 250 - Topics in Chinese Usage (Chinese)

Designed for students who have attained intermediate level in Chinese and are able to deal with more specialized vocabulary and complex sentence structures. This course aims to build students' language skills, help them acquire language proficiency higher than intermediate level, and motivate students to carry out intelligible and effective written and oral communications with native speakers. Conducted primarily in Chinese. Students come away from this class meeting the national standard set for Advanced Chinese I. 3 credits.

SCS 132 Programming I Introduction to Application Development (Computer Science)

The students will be introduced to the foundation of computer science and computer programming in Java. Students will learn fundamental concepts used in all computer disciplines, such as decision making and repetition. Students will also learn the fundamentals of programming through work with the Java programming language. Programming skills include declaring variables and assigning values, creating branching and looping structures, understanding the operators and the order of operations, and an introduction to classes and objects with Java. 3 credits

SCS 220 - Java Programming (Computer Science)

Covers fundamental concepts of object-oriented programming using Java. Topics include objects, classes, constructors, methods, and instance variables. Programming projects include linked lists, stacks, queues, searching, and recursion. Students learn the basics of graphical user interfaces and Java applets. All programming is done in Java. 3 credits.

SEC 101 - Principles of Microeconomics (Economics)

Introduction to economic reasoning, terminology, and fundamental concepts. Emphasis on individual economic units, such as the household and the firm and how they affect and are affected by the various market structures existing in American capitalism. Basic algebra skills are recommended. 3 credits.

SEC 102 - Principles of Macroeconomics (Economics)

Introduction to general equilibrium analyses, in particular, the policies that influence the level of aggregate output, unemployment, and price levels. International trade analysis. SEC101 strongly recommended as a prerequisite. Basic algebra skills are recommended. 3 credits.

SED 206 - Typical & Atypical Growth Develop (Education)

Examines human development from conception through adolescence. Typical and atypical physical, cognitive, and social-emotional development of children, development in areas of physical, sensory, and motor development, atypical behavior, and mental health issues as they relate to and impact children with and without special needs are presented. Clearances and fieldwork are required. 3 credits.

SEL 105 - Composition and Culture Part A (English)

Students develop critical thinking skills in composing, reading, and speaking through an examination of the relationship between culture and literacy, or the ways people use, learn, and value language. SEL105 has focus on critical reading and writing, and SEL106 on the research process. Students must pass SEL105 with a C- or higher in order to enroll in SEL106. SEL105 and SEL106 must be taken in sequence. Successful completion of both SEL105 and SEL106 satisfies the Writing requirement of the Liberal Arts Curriculum. 3 credits.

SEL 106 - Composition and Culture Part B (English)

Students develop critical thinking skills in composing, reading, and speaking through an examination of the relationship between culture and literacy, or the ways people use, learn, and value language. SEL105 has focus on critical reading and writing, and SEL106 on the research process. Students must pass SEL105 with a C- or higher in order to enroll in SEL106. SEL105 and SEL106 must be taken in sequence. Successful completion of both SEL105 and SEL106 satisfies the Writing requirement of the Liberal Arts Curriculum. 3 credits.

SEL 150 - Introduction to English Studies (English)

Introduces the study of English with a focus on foundational skills for college and career. Emphasis on literary forms, close reading, analysis, and the research process. Practice in writing the literary essay and other genres. Discussion of careers for English majors and minors. English majors take this course during their first semester. 3 credits.

SEL 151 - Topics in Literature (English)

Offers specialized study of a particular genre, time period, theme, region, author, or other literary/cultural phenomenon. [Counts toward the gender and women's studies minor when the topic is "Feminist Readings."] 3 credits.

Repeatable for credit.

SEL 153 – Introduction to Creative Writing (English)

Introduces through reading and writing exercises, the novel, poetry, drama, screenplays, genre fiction, and creative non-fiction. 3 credits.

Liberal Arts Curriculum: Satisfies the Artistic Expression requirement.

SEL 160 – News, Arts, and Sports Writing (English) Exploration of the meticulously sourced style of informative writing practiced by professional journalists, emphasizing news, arts/entertainment, and sports reporting. By reporting on local and current events students will also explore cultural issues such as racial and gender bias and the function journalism plays in a free society. 3 credits. Repeatable for credit.

SEL 263 – Topics in World Literature (English)

Topics vary from year to year, e.g., International Novel, Confucius and Modern Thought, African Women's Writing, Survey of World Literature. 3 credits
Repeatable for credit.

Liberal Arts Curriculum: Satisfies the Global Cultures requirement.

SEL 264 - Shakespeare in Context (English)

The works of significant British writers from the Anglo-Saxon period to the 18th century, but with special emphasis on Shakespeare and how his works fit into the development of British literature. 3 credits.

SEL 265 – British Voices from Romantics-Now (English)

The works of significant British writers from the Romantic Period till today, with emphasis on the historical and cultural development of British literature. 3 credits.

SEL 268 – Topics: New Voices (English)

In this course students will be introduced to the work of a diverse range of writers who because of political and cultural histories of inequality have been marginalized from the literary establishment. The topics and texts will vary and come from diverse literary traditions and genres, calling students to analyze texts in relation to their cultural/historical contexts. Repeatable for credit. 3 credits

Liberal Arts Curriculum: Satisfies the Diversity, Equity, and Social Justice requirement.

SEL 273 – Topics in American Literature (English)

Explores a major author, genre, or theme in American Literature, providing in-depth study of the chosen topic. Offerings might include topics such as Broadway Musicals as Literature, Poe and a Popular Fiction Innovator, Individualism and Communities in American Poetry, or Cyborg Bodies in American Literature. 3 credits.

Prerequisite: SEL 106 or SEL 107

Repeatable for credit.

Liberal Arts Curriculum: Satisfies the U.S. Cultures requirement.

SER 220 – Strength Training/Program Design (Exercise Science)

Emphasizes strength training techniques and designing programs for individual workout sessions and periodization. Prepares students for an appropriate National Commission for Certifying Agencies credentialed certification. 3 credits

SFN 105 - Fundamentals of Criminalistics (Forensic Science)

This course provides an introduction to the broad range of forensic services offered by crime labs. The student gains an understanding of the scientific basis of forensic services through a general study of biology, chemistry, physics, and statistics. Topics include processing a crime scene, trace and contact evidence, identification of body fluids, DNA analysis, drugs of abuse, bloodstain patterns, fingerprints, and firearms. The student performs selected forensic techniques in the laboratory. 3 credits

Liberal Arts Curriculum: Satisfies the Natural Science requirement.

SFR 100 - Intro to French Language & Culture I (French)

An introductory course for basic comprehension and communication in French. Includes some cultural material through the use of videos, magazines, and television. Assumes little or no prior knowledge of the language. 3 credits.

SFR 105 - Intro to French Language & Culture II (French)

A college-level intensive language course which emphasizes development of communicative and writing skills in French. Includes readings in cultural and literary material. 3 credits

Prerequisite: SFR100 or 3 years prior study of the language.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SFR 205 – Intermediate French Language & Culture (French)

Emphasis is on use of tenses, vocabulary, development of narrative skills, and proficiency-oriented problem solving. 3 credits

Prerequisite: SFR105 or minimum 4 years of high school French.

Liberal Arts Curriculum: Satisfies the Language Studies requirement.

SFR 245 - French Conversation and Writing (French)

Development of listening, speaking, and pronunciation skills in parallel with written preparation including intermediate grammar and situation vocabulary. Conversations center on situations of daily experience and cross-cultural differences. 3 credits

SGE 100 - Elementary German Language & Culture I (German)

This communication and culture-based course offers an introduction to the German language. The purpose is to develop proficiency in listening, speaking, reading, and writing German. Course work includes pronunciation, communication, basic grammar, and introduction to German cultures. In-class exercises are supplemented by independent work as well as Internet-based activities and other audio-visual sources. 3 credits.

SGE 105 - Elementary German Language & Culture II (German)

This course is designed for students who have completed SGE100 or 2-3 years of high school German. Students expand and deepen their knowledge of German in class activities and through various exercises given as homework. In-class exercises are supplemented by independent work on the Internet and other audio-visual sources such as films. Instruction emphasizes each of the four modes of expression (speaking/writing) and comprehension (listening/reading). 3 credits

Prerequisite: SGE100 or prior knowledge of the language.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SGE 205 - Intermediate German Language & Culture I (German)

Students will create with the language, including conversing, writing, reading authentic sources, and interacting with native speech at the intermediate level. 3 credits

Prerequisite: SGE105 or three years prior study of the language.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SGE 210 - Intermediate German Lang & Culture II (German)

Students will create and narrate with the language, demonstrating the ability to communicate at the intermediate and advanced levels to express themselves and resolve unexpected complications. Students will converse, write, read authentic sources, and interact with native speech at the intermediate and advanced levels. Taught in German and taught concurrently with SGE 105. 3 credits

SHL 100 - Principles of Medical Care (Health Science)

Provides an overview of the field of healthcare and the roles played by various healthcare practitioners. Best practices associated with patient care and healthcare delivery are emphasized. Students develop a personal perspective on their potential for a career in healthcare. 3 credits.

SHL 214 - Human Anatomy & Physiology I (Health Science)

A detailed study of the structure and function of the human body. Anatomical studies include gross, histological, and cytological perspectives and are correlated with physiology. Functional studies emphasize homeostatic, regulatory, and integrative mechanisms. Pathophysiological processes are compared with normal anatomy and physiology. The course is designed to meet the requirements for clinical laboratory science, dietetics, exercise science, health science, and physician assistant. Prerequisite: at least one semester of college chemistry or one year of high school chemistry. 3 credits
Prerequisite or Corequisite: One semester of college-level chemistry (SCH 115, SCH 140 , or similar)
Corequisite: SHL 215

SHL 215 - Human Anatomy & Physiology I Lab (Health Science) Designed to reinforce concepts learned in SHL214. Topics include histology and the musculoskeletal and nervous systems. Lab activities include dissections of animal specimens with anatomy comparable to humans and computer-simulated physiology experiments. 1 credit
Corequisite: SHL214.

SHL 216 - Human Anatomy & Physiology II (Health Science)

Continuation of topics begun in SHL214. 3 credits
Prerequisite: SHL214 with a C- or better.

SHL 217 - Human Anatomy & Physiology II Lab (Health Science)

Continuation of topics begun in SHL214, reinforcing topics covered in SHL216. Topics include the endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive systems. Lab activities include dissections of animal specimens with anatomy comparable to humans and computer simulated physiology experiments. 1 credit.
Prerequisite: SHL 215 with a C- or better.
Corequisite: SHL216

SHU 205 - Special Topic: Genocide & Holocaust (Humanities)

This course uses an interdisciplinary approach to examine specific topics related to genocide and the Holocaust. It is offered as part of the minor in Genocide and Holocaust Studies. 3 credits.

SHU 265 - The Art of the Film (Humanities)

This introductory course in film aesthetics critically examines the primary elements in the motion picture. Students learn how a film builds meaning by analyzing the diverse components that construct a movie such as editing, directing, scoring, acting, and dramatic storytelling. It familiarizes students with film genres, cinema technology, and historical movements relevant to the development of the medium. 3 credits

SHY 103 - Introduction to American History (History)

This course introduces students to major themes in American history such as cultural diversity, democracy, and economic growth. Also covers historical analysis, research methods, and a variety of social studies disciplines as they are used in history. 3 credits.

SHY 120 - Ancient World (History)

Introduction to critical thinking and research skills related to historical inquiry through the lens of the study of the ancient past. Study of ancient societies in the Near East and Europe and the major themes and questions related to them, emphasizing the development of social groups, gender expectations and perceptions, early economies, political organization, and all aspects of developing culture. 3 credits.

SHY 206 - Era of Civil War & Reconstruction (History)

Examines the causes of the Civil War and the war itself and concludes with the Reconstruction era. 3 credits.

SHY 211 - Issues in Western Society I (History)

What do we mean by "Western"? What do we mean by "society"? This course will explore the foundations of Western heritage by examining geography, visual and written artifacts, and sources from the very beginning of human civilization. Learners will explore the issues in Western history that defined Western culture: gender, social and economic standing, religions in its varieties, the importance of new technologies, communication, and the need for state-building and law. 3 credits.

Liberal Arts Curriculum: Satisfies the Global Cultures requirement

SHY 212 - Issues in Western Society II (History)

Theoretical and technological changes that begin in the 1600s will, by the early 1800s, lead to a society that embraces industrial output, participates in revolutions and world wars, and finds a new equilibrium by the early twenty-first century. Study will continue to focus on issues of gender, class, race, and religion through an examination of primary and secondary readings and writing assignments from approximately 1600 to the present. 3 credits.

Liberal Arts Curriculum: Satisfies the Global Cultures requirement.

SIT 100 - Elementary Italian Language I (Italian)

An introductory course for basic comprehension and communication in Italian. Coordinates the study of language with culture through the use of video, magazines, television, and the Internet. Assumes little or no prior knowledge of the language. 3 credits.

SIT 105 - Elementary Italian Language II (Italian)

A college level intensive language course that emphasizes development of communication and writing skills in Italian. 3 credits.

Prerequisite: SIT 100 or 3 years prior study of the language.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SJP 100 - Elementary Japanese Language & Culture I (Japanese) An introductory course for basic comprehension and communication in Japanese. Coordinates the study of language with culture through the use of video, magazines, and television. Assumes little or no prior knowledge of the language. 3 credits.

SJP 105 - Elementary Japanese Language & Culture II (Japanese) A college-level intensive course which develops communication skills in everyday-life situations. Includes videos and readings in cultural and literary material. Prerequisite: SJP100 or prior knowledge of the language. 3 credits.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SJP 205 - Intermediate Japanese Language & Culture I (Japanese)

Development of narrative and conversational skills and proficiency-oriented problem-solving.

Prerequisite: SJP 105 or minimum 3-4 years of high school Japanese.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SJP 210 - Intermediate Japanese Lang & Cult II (Japanese)

Study of the current and historic cultural trends in Japan. Specialized uses of grammar. Develops idiomatic use of the language.

Prerequisite: SJP 205 or permission of instructor.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SLA 150 – Faith, Religion, and Society (Liberal Arts Curriculum)

An exploration of the foundational roles of faith and spirituality in human growth and development and in the shaping of human cultures. Opportunity to engage with the spiritual traditions of Christianity, Judaism, and Islam. 3 credits

SLA 201 - Western Cultural Traditions II (Liberal Arts Curriculum)

This course examines cultural, social, and political developments in Europe from 1600 to the present. Counts toward the Western Cultures requirement of the Liberal Arts Curriculum. 3 credits.

This course will not be available after the 2023-2024 academic year. Options may be SHY 211 and/or SHY 212

SLT 100 – Elementary Latin Language & Culture I (Latin)

This course enables students to develop their Latin vocabulary and grammatical skills through diligent and constant study. It also helps develop reading, listening, and writing skills. Finally, the course provides an opportunity for students to study the many aspects of the ancient Roman world (classical, ecclesiastical) and how it has affected the modern world. 3 credits.

SLT 105 - Elementary Latin Language & Culture II (Latin)

Students continue to develop vocabulary and grammatical skills through study and translation and reading, listening, and writing skills on the next level along with a deep awareness of the Roman (classical and ecclesiastical) world. Fall and spring semesters. Prerequisite: SLT100 or prior knowledge of the language. 3 credits.

SLT 200 - Introduction to Latin Literature (Latin)

This course provides students an opportunity to read a wide variety of Latin authors. A deep awareness of the Roman (classical and ecclesiastical) world is also developed. 3 credits.

SLT 202 - Vergil (Latin)

Students read and interpret the works of Vergil. 3 credits.

SMA 103 - College Algebra (Mathematics)

A study of basic algebraic skills and additional algebraic topics including (but not limited to) real numbers, rational numbers, and radicals; systems of linear equations; polynomial, rational, logarithmic, and exponential functions, and equations; and complex numbers. Prerequisite knowledge: This course requires a working knowledge of elementary algebra.

Liberal Arts Curriculum: Satisfies the Mathematics and Quantitative Skills requirement.

SMA 104 - Make Money Matter (Mathematics)

Through the use of quantitative skills and critical thinking case studies, students develop personal financial competency. Includes financial goals and approaches to spending, saving, protecting, and investing financial resources to use now and in the future. 3 credits

Liberal Arts Curriculum: Satisfies the Mathematics and Quantitative Skills requirement.

SMA 120 - Precalculus (Mathematics)

A study of elementary functions, their graphs, and applications, including polynomial, rational, algebraic, exponential, logarithmic, and trigonometric functions. Calculator required. Prerequisite knowledge: This course requires a working knowledge of intermediate algebra. 4 credits
Liberal Arts Curriculum: Satisfies the Mathematics and Quantitative Skills requirement.

SMA 130 - Calculus 1 with Analytic Geometry (Mathematics)

Real numbers, sets, relations, and functions. The calculus of one variable. Satisfies the Mathematics requirement of the Liberal Arts Curriculum. Calculator required. 4 credits
Prerequisite: a working knowledge of algebra and trigonometry.
Liberal Arts Curriculum: Satisfies the Mathematics and Quantitative Skills requirement.

SMA 140 - Calculus 2 (Mathematics)

Continuation of SMA130. The calculus of one variable with applications, parametric equations, polar coordinates, and infinite sequences and series. 4 credits
Prerequisite: SMA130.

SMA 200 - Calculus 3 (Mathematics)

A continuation of SMA140. The calculus of several variables; two- and three-dimensional vector space; vector calculus; Green's, Gauss', and Stokes' Theorems and the Divergence Theorem. 4 credits
Prerequisite: SMA140.

SMA 225 - Linear Algebra (Mathematics)

A study of vector spaces, linear mappings, and determinants with applications. 3 credits.
Prerequisites: SMA140

SMU 127 - Fundamentals of Music Theory (Music)

A creative approach to fundamental theory and reading skills for non-music majors, developed through active participation with a variety of classroom instruments. 1 credit.
Liberal Arts Curriculum: Counts toward the Artistic Expression requirement.

SMU 178 - Jazz Combo (Music)

Performance of chamber music in the jazz style, including Swing, Latin, Bebop, and Fusion. 1 credit.
Repeatable for credit.

SMU 179 - Commercial Music Ensemble (Music)

An ensemble for instrumental and vocal musicians specializing in popular contemporary music, including Rock, Latin, Rhythm & Blues, Country, Disco, and Hip Hop. 1 credit.
Liberal Arts Curriculum: Counts toward the Artistic Expression requirement.

SMU 182– Griffin Band (Music)

The Griffin Band is an instrumental ensemble (marching/pep and concert bands) open to all Seton Hill University students. 1 credit.
Liberal Arts Curriculum: Counts toward the Artistic Expression requirement.

SMU 185 – Setonia (Music)

An ensemble specializing in music for women's voices. Auditions are held at the beginning of each semester. 1 credit.

Liberal Arts Curriculum: Counts toward the Artistic Expression requirement.

SMU 188 – SHU Glee Club (Music)

Men's choral ensemble. Auditions are held at the beginning of each semester. 1 credit.

Liberal Arts Curriculum: Counts toward the Artistic Expression requirement.

SNT 160 - Nutrition for Life (Nutrition and Dietetics)

An introductory study of nutrition principles and their relationship to health. Discussion of topics such as vegetarianism, dieting, and eating disorders. Laboratory experiences investigating the nutritional content of food and related topics. 3 credits.

Liberal Arts Curriculum: Satisfies the Natural Science requirement.

SPH 106 - College Physics I (Physics)

This course is a trigonometry-based physics course that covers topics in the mechanics of motion. The course covers linear and nonlinear approximations in motion, acceleration, Newton's law, gravity, work, circular motion, momentum and fluids, graph analysis, and problem-solving skills. 3 credits.

Prerequisite: Appropriate level of high school mathematics as determined during advisement.

Corequisite: SPH 107

SPH 107 - College Physics I Lab (Physics)

Laboratory course to complement topics covered in SPH 106 weekly (3 hours). 1 credit.

Corequisite: SPH 106.

SPH 108 - College Physics II (Physics)

This trigonometry-based physics course covers topics in electromagnetism from waves to the theory of light matter. Topics include electricity, magnetism, and optics. The student gains a good foundation of the basic principles of graph analysis and problem-solving skills. 3 credits

Corequisite: SPH 109.

SPH 109 - College Physics II Lab (Physics)

Laboratory course to complement topics covered in SPH 108 weekly. 1 credit

Corequisite: SPH 108.

SPH 110 - General Physics I (Physics)

A thorough introduction into physics for those majoring in the physical and biological sciences, mathematics, and engineering. Topics include classical mechanics, heat, and electricity. 3 credits

Prerequisite: SMA130.

Liberal Arts Curriculum: With SPH 111, satisfies the Natural Science requirement.

SPH 111 - General Physics I Laboratory (Physics)

Laboratory course to accompany SPH 110. 1 credit.

Corequisite: SPH 110.

Liberal Arts Curriculum: With SPH 110, satisfies the Natural Science requirement.

SPH 112 - General Physics II (Physics)

A continuation of SPH 110 with topics including magnetism, optics, and electricity. 3 credits

Prerequisite: SPH 110.

SPH 113 - General Physics II Laboratory (Physics)

The laboratory course to accompany SPH 112. 1 credit.

Corequisite: SPH 112.

SPL 100 - Introduction to Philosophy (Philosophy)

Surveys philosophical questions in order to experience and reflect on philosophical insight. 3 credits.
Liberal Arts Curriculum: Satisfies the Philosophy requirement.

SPS 121 - American National Government (Political Science)

The background and general principles of American government with emphasis on the Constitution; critical analysis of political processes, political behavior, and aspects of public policy. 3 credits.
Liberal Arts Curriculum: Satisfies the Social Science requirement.

SPS 122 - Introduction to American Law (Political Science)

This course provides an overview of the U.S. legal system with emphasis on the Constitutional framework of American law. 3 credits.

SPS 204 - Comparative Politics (Political Science)

A comparative examination of the world's different governmental and political systems and political culture, both Western and non-Western. Emphasis on European political systems and non-Western political systems including China, Russia, and Iran. 3 credits.

SPY 110 - Introductory Psychology (Psychology)

An introduction to the history, concepts, principles, and problems of modern psychology including experiential study. 3 credits.
Liberal Arts Curriculum: Satisfies the Social Science requirement.

SRT 200 - The Hebrew Scriptures (Religious Studies/Theology)

An introduction to the Old Testament, explores scholarly methods of analyzing and interpreting the scriptures; geopolitical and socioeconomic factors shaping the traditions of the people of Israel; and theological motifs of the Law, Prophets, and Wisdom writings. 3 credits
Liberal Arts Curriculum: Satisfies the Theology requirement.

SRT 210 – The Christian Scriptures (Religious Studies/Theology)

An introduction to the New Testament with an emphasis on the Gospels and the major Letters of Paul. The course includes political and cultural background, theological themes, and the relevance of these writings for life today. 3 credits.
Liberal Arts Curriculum: Satisfies the Theology requirement.

SRT 270 - Contemporary Catholicism (Religious Studies/Theology)

An introduction to the Catholic faith in light of the Second Vatican Council. Topics include essential beliefs and practices (God, Jesus, Church, Sacraments, Scripture, Prayer). Other topics of interest to students may also be included. 3 credits
Liberal Arts Curriculum: Satisfies the Theology requirement.

SSO 100 - Principles of Sociology (Sociology)

Examines the social and cultural forces that shape the lives of individuals and groups; the socialization of the human person throughout the stages of life; the multiple functions of social groups, institutions, and culture; and introduction to sociological theories. 3 credits.

SSO 235 - Environment and Society (Sociology)

This course uses a systems perspective to analyze the interrelations between human societies and the environment. The focus is on explaining how these interactions contribute to problems such as resource depletion, changing weather conditions, hunger, and war around the world, and on emerging strategies to combat these problems. 3 credits.

SSP 100 - Elem Spanish Language & Culture I (Spanish)

An introductory course for basic comprehension and communication in Spanish that emphasizes the ability to use and understand Spanish in context. The course develops Spanish listening, speaking, reading, and writing skills. Requires laboratory-supported practice. Assumes little or no prior knowledge of the language. 3 credits.

SSP 105 - Elem Spanish Language & Culture II (Spanish)

A college-level intensive course that develops communication skills in everyday-life situations. Strengthens Spanish listening, speaking, reading, and writing skills acquired in SSP100. Requires laboratory-supported practice. Prerequisite: SSP100 or prior knowledge of the language. 3 credits. Liberal Arts Curriculum: Satisfies the Language Study requirement.

SSP 205 - Intermediate Spanish Language & Culture (Spanish)

Students express themselves orally and in writing, read authentic sources, and interact with native speech at the intermediate level. Requires laboratory-supported practice. Prerequisite: SSP105 or minimum 3-4 years of high school Spanish. 3 credits.

Liberal Arts Curriculum: Satisfies the Language Study requirement.

SSP 250 – Topics in Spanish Usage (Spanish)

An advanced course in Spanish grammar which provides students with a strong background for communication in upper-level Spanish courses. The focus is on continued mastery of the most difficult points of Spanish grammar, and students analyze linguistic norms as communicative tools. Taught in Spanish. 3 credits

Prerequisite: SSP 245 or minimum 3-4 years of high school Spanish.

SSS 250 - Introductory Statistics (Social Sciences)

Designed to develop quantitative literacy, enabling students to produce, understand, and communicate statistical information. Prepares students to conduct research. Explores descriptive and inferential statistics that include parametric (Z, t, F) and non-parametric (chi-square) probability distributions. Ability to make recommendations based upon interpretation of statistical software output is emphasized. 3 credits

Liberal Arts Curriculum: Satisfies the Mathematics and Qualitative Skills requirement.

STR 110 - Introduction to Theatre (Theatre)

A comprehensive introduction to the study of theatre for students who are seeking careers in the profession. Topics include the role of theatre in society, theatre history, play analysis, working relationships among theatre artists, writing for and about the theatre, and the connection between theatre and the liberal arts. 3 credits.

STR 154 - Acting I (Theatre)

Introduction to theories and techniques of acting through improvisation, theatre games, and scene preparation. Workshop approach emphasizes experiential learning. 3 credits

Liberal Arts Curriculum: Satisfies the Artistic Expression requirement.
