ENGLISH

The English major is designed to prepare students for graduate study in the field; those seeking a foundation for postgraduate work or study in fields related to English (e.g., education, journalism, communications, editing and publishing, law, theater); and those who want a humanistic base in reading, thinking, and writing for a liberal arts education.

English is an excellent choice for students interested in education, business, law, publishing, and social work.

As majors in English at Tusculum College, students will have access to a varied group of experts engaged in exploring different aspects of literature and writing.

The block program gives the faculty time to work with students on their skills and allows the faculty to offer special projects and field experiences (like trips to special libraries and to art events).

The English Department also supports the mission of citizenship and service through its projects and through the study of ethical and social issues in literature and writing.

The English Program offers students a choice of three concentrations:
- Literature
- Writing
- Teachers Licensure in English

The English Program at Tusculum College also offers the following options for minors:
- Journalism
- Literature
- Writing

English Major (Literature concentration)
ENGL 213 British Literature I
ENGL 214 American Literature I
ENGL 223 British Literature II
ENGL 224 American Literature II
ENGL 225 World Literature
ENGL 332 Genres of Shakespeare
ENGL 402 Seminar in Literature & Society

Choose one of the following:
ENGL 120 Introduction to Creative Writing
ENGL 233 Writing for Organizations

Choose three of the following:
ENGL 226 Introduction to Literary Genres
ENGL 227 Appalachian Literature
ENGL 228 African-American Literature
ENGL 300 Women in Literature
ENGL 303 Classical Mythology  
ENGL 304 Medieval Literature  
ENGL 314 Nineteenth-Century British Literature  
ENGL 325 Adolescent Literature  
ENGL 328 Concepts of Language  
**TOTAL: 44 semester hours**

**English Major (Writing Concentration)**  
ENGL 120 Introduction to Creative Writing  
ENGL 240 Intermediate Creative Writing  
ENGL 420 Senior Seminar  
Writing Courses (8 hours)  
*Choose one of the following:*  
ENGL 320 Advanced Poetry Workshop  
ENGL 321 Advanced Fiction Workshop  
JOUR 318 Nonfiction Markets  
ENGL 350 Special Topics  
*Choose one of the following:*  
ENGL 233 Writing for Organizations  
ENGL 230 Writing for the Screen  
JOUR 118 Introduction to Journalism  
JOUR 218 Specialized Journalism  
*Choose two of the following:*  
ENGL 213 British Literature I  
ENGL 214 American Literature I  
ENGL 223 British Literature II  
ENGL 224 American Literature II  
ENGL 225 World Literature  
ENGL 226 Introduction to Literary Genres  
*Choose three of the following:*  
ENGL 227 Appalachian Literature  
ENGL 228 African American Literature  
ENGL 300 Women in Literature  
ENGL 303 Classical Mythology  
ENGL 304 Medieval Literature  
ENGL 314 Nineteenth Century British Literature  
ENGL 325 Adolescent Literature  
ENGL 328 Concepts of Language  
ENGL 332 Genres in Shakespeare  
ENGL 402 Seminar in Literature and Society  
*Fine Arts Courses - choose one:*  
ENGL 231 Introduction to Film  
MASS 215 Basic Photography  
MUSC 101 Introduction to Western Music  
THEA 104 Introduction to the Theatre  
VISA 110 Introduction to Art
Teacher Licensure in English
The following program leads to licensure for teaching English in grades 7-12 and is comprised of 145 semester hours, as follows:
   Major  48
   Professional Education 36
   General Education 61

Major Curriculum
EDUC 419 Content Area Reading
ENGL 213 British Literature I
ENGL 223 British Literature II
ENGL 224 American Literature II
ENGL 226 Introduction to Literary Genres
ENGL 402 Seminar in Literature and Society
ENGL 120 Introduction to Creative Writing or
ENGL 240 Intermediate Creative Writing or
JOUR 118 Introduction to Journalism
ENGL 325 Adolescent Literature
ENGL 328 Concepts of Language
ENGL 332 Genres of Shakespeare
SPAN 101 Elementary Spanish I
SPAN 102 Elementary Spanish II

Professional Education Curriculum
EDUC 200 History, Philosophy and Principles of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 342 Learning Environments K-12
EDUC 452 Student Teaching Seminar
EDUC 456 Enhanced Student Teaching (7-12)
SPED 101 Survey of the Regular and Special Populations Within the School Environment

General Education Curriculum
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 or 102 The West and the World I or II OR POLS 380 The Political Traditions of the West
ENGL 214 American Literature I
OREN 105 Extended Freshman Orientation
MATH 102 College Algebra
PHED 201 Foundations of Physical Fitness and Wellness
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
ENGL 225 World Literature
*Choose one of the following courses:*
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art

**English Education Minor**
Grades 7-12
28 hours total
ENGL 224 American Literature II
ENGL 225 World Literature
ENGL 226 Introduction to Literary Genres
ENGL 325 Adolescent Literature
ENGL 328 Concepts of Language
ENGL 220 Creative Writing

or
ENGL 233 Writing for Organizations
EDUC 342 Learning Environments 7-12

The English minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

**English Minor**
ENGL 223 British Literature II
ENGL 224 American Literature II
*Choose one of the following:*
ENGL 233 Writing for Organizations
ENGL 220 Creative Writing
Choose two additional courses, including at least one 300-level course.
TOTAL: 20 semester hours

**Journalism Minor**
JOUR 118 Introduction to Journalism
JOUR 218 Specialized Journalism
JOUR 318 Non-fiction Markets
JOUR 452 Internship in Professional Writing and Editing
*Choose one of the following:*
MASS 215 Basic Photography
MASS 311 Photojournalism
VISA 214 Computer Graphics and Desktop Publishing
VISA 217 Graphic Design I
COURSE DESCRIPTIONS

ENGL 099/CMNS 099. BASIC WRITING.
This course offers no college credit. It focuses on developmental-level writing areas: basic grammar, mechanics, and paper organization. Students will read and explore themes of works from various disciplines. The course is offered to serve students who do not meet the minimum standards for college-level writing courses. Offered as needed.

ENGL 100. INTRODUCTION TO COLLEGE WRITING.
Following a review of paragraph development, organizing principles, and the five-paragraph essay, students will develop ideas in more complex forms. Attention will be paid to grammar and mechanics throughout the class. Successful completion of the course prepares students for English 110. Offered every year. (Four hours of institutional credit - hours do not apply toward graduation.)

ENGL 110/CMNS 110. COMPOSITION AND RHETORIC.
This course focuses on the college essay as a tool for argument while exploring interdisciplinary materials related to citizenship and community. Essays allow students to develop theses, organization, and supporting evidence for argumentative papers. A review of grammar and mechanics is provided as needed. Successful performance in this course prepares students for ENGL 111 and other college courses. Competency: Writing.

ENGL 111/CMNS 112. COMPOSITION, RESEARCH AND RHETORIC.
The primary purpose of this course is to conduct research and write an argumentative college-level research paper. Students examine interdisciplinary materials related to citizenship and community for ideas and information relevant to their research. Students focus on thesis development, source selection and evaluation, supporting evidence, organization, and proper documentation for research papers. Prerequisite: ENGL 110. Competency: Writing.

JOUR 113. NEWSPAPER PRODUCTION.
A one-credit journalism activity course offering a practicum in newspaper publication. Students enrolled in this course will receive a letter grade according to their attendance and participation in weekly Pioneer meetings and the completion of work as contracted with the journalism coordinator. Competency: Civility. Offered every year.

JOUR 118. INTRODUCTION TO JOURNALISM.
An introduction to the work of the journalist, this course covers basic news writing, as well as reporting techniques such as interviewing.
and research. It places a heavy emphasis on writing; students turn in frequent written assignments for instructor and peer feedback in accordance with current journalistic practice. Students will draft and revise news stories of local import for possible publication. Competency: Writing. Offered every year.

**ENGL 120. INTRODUCTION TO CREATIVE WRITING.**
This workshop-based course is designed for students with an interest in creative writing and completes an early requirement for those pursuing the writing concentration in English. Students participate in a hands-on introduction to the craft of writing poetry and fiction, and they gain experience in close analytical reading of both genres. Other genres, such as creative nonfiction and drama, may be explored. Competency: Self-Knowledge, Analytical Reading, Writing. Offered every year.

**ENGL 200/CMNS 200. ADVANCED COMPOSITION, RESEARCH AND RHETORIC I.**
This course serves students who have successfully completed freshman writing courses or demonstrated an equivalent level of skill, but who desire further writing instruction. The course requires that students explore research methods and types of documentation and offers focused practice in using them. Themes related to community and citizenship are emphasized in the readings and assignments for the course. Written assignments for this course include a short, documented critical essay and a more lengthy research paper with multiple sources. Students select a research topic and develop an individual thesis, from which the research paper and a research presentation evolve. Competency: Writing. Prerequisite: ENGL 111 or permission of the instructor. Offered every year.

**ENGL 203. ENGLISH GRAMMARS AND THE CLASSROOM.**
This course examines the unique characteristics of the English language. Grammatical issues such as grammatical terminology, prescriptive and descriptive grammar, understanding the rules of Standard English grammar, and writing conventions will be emphasized. The course familiarizes students with bilingual education methods and prepares them to explain the structure of the language to speakers of other languages. Students will design materials to facilitate language success in the classroom. Competency: Writing.

**ENGL 213. BRITISH LITERATURE I.**
Surveys selected works by writers from the British Isles from the medieval period through the 18th century. Works chosen to represent poetry, drama, fiction, and non-fiction. Competency: Analytical Reading. Offered every other year.
ENGL 214. AMERICAN LITERATURE I.
Surveys major works in American literature from the colonial period through Transcendentalism (early nineteenth century). Emphasizes major genres and movements. Competency: Critical Analysis. Offered every other year.

JOUR 218. SPECIALIZED JOURNALISM.
Discussion and practicum in specific areas of journalism likely to include, but not limited to, feature, culture, travel, nature, opinion, environmental, business, and science writing. Students in the course will look at current professional models in writing, interviewing, and editing practice. This course gives students the opportunity to pursue journalistic sub-genres, especially those common to magazines and feature pages, and to polish subsequent efforts into print-ready, freelance work. Competency: Ethics of Social Responsibility. Prerequisite: JOUR 118 or permission of the instructor. Offered every year.

ENGL 223. BRITISH LITERATURE II.
Surveys selected works from the British Isles tradition. Covers 19th century to present. Works chosen to represent poetry, drama, fiction, and non-fiction. Competency: Analytical Reading. Offered every other year.

ENGL 224. AMERICAN LITERATURE II.
Surveys major works in American literature from the Romantic period (nineteenth-century) to the present. Emphasizes major genres and movements. Competency: Critical Analysis. Offered every other year.

ENGL 225. WORLD LITERATURE.
Examines the traditions of a selection of world literatures in an historical and cultural context. Works are chosen to represent the poetry, drama, and fiction of two or more of the following regions: Russia, Italy, France, Germany, Latin America, Africa, India, Japan or China. Consideration will be given to the literary and cultural history of each region considered and its contribution to World Literature. Competency: Analytical Reading. Offered every other year.

ENGL 226. INTRODUCTION TO LITERARY GENRES.
A study of characteristic structures and themes in one or two of the following: tragedy, comedy, or satire, with an additional focus on the historical development of poetry, drama, short fiction, or the novel. The course explores how classical to contemporary texts reflect evolving social values. Competency: Critical Analysis. Offered every other year.
ENGL 227. APPALACHIAN LITERATURE.
Examines works produced in the Appalachian region. The class considers how social, historical, economic, and aesthetic concerns have combined to create a distinctive literature. The course may require some field work. Competency: Writing. Offered every other year.

ENGL 228. AFRICAN AMERICAN LITERATURE.
Survey of African American literature from the beginning to the present. Works selected from major genres (fiction, non-fiction, drama, and poetry) and movements (such as the Harlem Renaissance). The course examines how writers such as Wheatley, Douglass, Hughes, Morrison and others have influenced and been influenced by culture, history, and literary tradition. The course may focus additionally on Southern African American literary history. Competency: Analytical Reading. Offered every other year.

ENGL 230. WRITING FOR THE SCREEN.
An introduction to and workshop in writing for the screen. Students will learn about elements of dramatic writing, including structure, plot, characters, dialogue, scenes, and sequences. Following a study of motion picture and television scripts, students will develop a treatment and will practice writing scenes. Course may include specialized types of films or television programs. Competency: Analytical Reading, Writing, Self-Knowledge. Offered every year.

ENGL 231. INTRODUCTION TO FILM.
Students will be introduced to the techniques and aesthetics of film and an overview of film history. The course covers genre issues; compares studio, foreign, and independent films; looks at aspects of film composition; and examines significant works by auteurs such as Alfred Hitchcock. Competency: Ethics of Social Responsibility. Offered every other year.

ENGL 233. WRITING FOR ORGANIZATIONS.
Students will learn how to write effectively and quickly in a business context, exploring the proper form and content of memos, reports, business letters, executive summaries, and other business documents. Students will also learn how to write and design their own personal resumes and will produce a finished resume and a cover letter. Competencies: Writing, Public Speaking.

ENGL 240. INTERMEDIATE CREATIVE WRITING WORKSHOP.
A mixed-genre workshop providing instruction in the craft of imaginative writing beyond the introductory level. While students may elect to write in a single genre, they will examine principles and practices of both poetry and prose in order to gain a broader and
deeper understanding of their own work and of creative writing in general. Through exposure to and analysis of the work of professional writers, students will acquire literary models, strengthen their editing and revising skills, and improve their critical vocabulary. Competency: Analytical Reading, Writing, Self-Knowledge. Prerequisite: ENGL 120. Offered every year beginning 2005-06.

ENGL 300/HIST 301. WOMEN IN LITERATURE.
An exploration of women’s issues, concerns, and voices in literature about and by women, situated in a larger historical context. Emphases will include male and female responses to changing cultural patterns. Competency: Self-Knowledge. Offered every other year.

ENGL 303. CLASSICAL MYTHOLOGY.
Study of the Greek myths with illustration of their evocative power and continued rebirth in literature, painting, and music. We may also examine the mythological mode of thinking that precedes the age of reason in the development of a society. Competency: Public Speaking. Offered every other year.

ENGL 304. MEDIEVAL LITERATURE.
A study of British texts from the Old English period (in translation) and the Middle English period. Representative works include the anonymous Old English elegies, riddles, and religious texts; Sir Thomas Malory’s "Morte Darthur;" selections from Geoffrey Chaucer; and Marie de France’s "Lanval." Time permitting, Medieval works from the continent might also be explored, including such important works as "The Romance of the Rose" and "Song of Roland." Competency: Writing. Prerequisites: ENGL 213 and ENGL 223. Offered every other year.

ENGL 314. NINETEENTH-CENTURY BRITISH LITERATURE.
Explores the literature of the 19th century in depth, from the Romantics to the Victorians, and the social and cultural contexts in which 19th century writers worked. The course will cover all genres of writing, including poetry, prose, and non-fiction. Competency: Self-Knowledge. Prerequisites: ENGL 213 and ENGL 223. Offered every other year.

JOUR 318. NON-FICTION MARKETS.
Students attend to professional markets, especially e-zines, magazines and journals, assessing content and style of consumer publications while learning to prepare written submissions accordingly. Emerging genres, such as memoir and creative nonfiction, will be discussed, in an effort to ready the advancing journalism student for eclectic, professional internship experience. Competency: Civility.
Prerequisites: JOUR 118 and JOUR 218, or permission from the instructor. Offered every other year.

ENGL 320. ADVANCED POETRY WORKSHOP.
Focusing on advanced studies in the craft of poetry, this course requires intensive reading, writing, and revision. Through formal analysis of peer work and established models, students will increase their ability to effectively critique their own and others’ writing. Students will also learn the correct procedure for submitting manuscripts for publication. The course emphasizes longer works and independent projects. Competency: Analytical Reading. Writing, Self-Knowledge. Prerequisites: ENGL 240. Offered every other year.

ENGL 321. ADVANCED FICTION WORKSHOP.
Focusing on advanced studies in the craft of fiction, this course requires intensive reading, writing, and revision. Through formal analysis of peer work and established models, students will increase their ability to effectively critique their own and others’ writing. Students will also learn the correct procedure for submitting manuscripts for publication. This course emphasizes longer works and independent projects. Competency: Analytical Reading. Writing, Self-Knowledge. Prerequisites: ENGL 240. Offered every other year.

ENGL 325. ADOLESCENT LITERATURE.
Examines classic and current works created for young adults, with focus on issues such as peer pressure, family, emerging sexuality, environment, and education. Considers book selection evaluation, and classroom use. Competency: Public Speaking. Offered every other year.

ENGL 328. CONCEPTS OF LANGUAGE.
Examines aspects of language including the origin of language as a symbolic activity, the relationship between language and power, and the role of language in the global village. This course provides an introduction to linguistics – the sound systems, forms, structures, and lexicon of English and other languages – which serves as a basis of the study of language as symbolic and social practice. Competency: Writing. Offered every other year.

ENGL 332. GENRES IN SHAKESPEARE.
Examines representative works from Shakespeare’s dramatic genres (histories, romances, comedies, tragedies) and poetry. Competency: Writing. Offered every other year.

ENGL 335. CHILDREN’S LITERATURE.
Provides the prospective elementary teacher as wide an exposure as possible to the highest quality children’s books; equips the student
with criteria for evaluating and choosing books for children; special attention is given to storytelling, creative dramatics, and motivation to read. Laboratory experience is included. Offered every year.

ENGL 350. SPECIAL TOPICS.
May only be taken once. A flexible course intended to serve as an instrument for examining topics in English of particular interest to students and faculty. Emphasis on readings, research, and intensive study. At least two "200 level" English courses, Junior standing, and permission of the instructor required. Offered as needed.

ENGL 402. SEMINAR IN LITERATURE AND SOCIETY.
Variable topics, perhaps emphasizing a single author, theme, or issue. An exploration of how writers and their works reflect, rebel against, and seek to influence societal norms, with a focus on concerns of public and contemporary, as well as historical importance. Recent emphases have included violence in Jacobean revenge tragedy and controversial books, artistic freedom, and public morality. May be repeated with different topics for credit. Competency: Ethics of Social Responsibility. Prerequisites: Junior or Senior standing and at least one 300-level English course. Offered every other year.

ENGL 420. SENIOR SEMINAR IN WRITING. 8 credit hours.
The culminating course for those in the writing concentration, this seminar offers students a final opportunity for peer critique and provides a transition to the next stage of their writing lives. Students will complete a final portfolio of their best creative and/or journalistic work, which they will edit for publication. After performing a market analysis to determine suitable venues for their manuscripts, students will study the art of writing query and cover letters, will prepare their pieces for submission, and will submit work to appropriate publications. Students will also fulfill their public speaking requirement in this course by preparing professional presentations such as literary readings and conference papers. The course also offers preparation for students interested in pursuing writing at the graduate level. Competency: Self Knowledge. Prerequisites: ENGL 320 or ENGL 321 and senior status. Offered every year.

JOUR 452. INTERNSHIP IN WRITING AND EDITING.
The internship in professional writing provides advanced students on-the-job experience in writing and editing in a variety of settings. Students may elect to work on or off campus in journalism, public relations, or publications management. Competency: Self-Knowledge. Prerequisites: JOUR 118, JOUR 218, and ENGL 327, or permission of the instructor.
ENVIRONMENTAL SCIENCE

The Environmental Science program of study is designed to enhance students’ understanding of the biological, ecological, and chemical factors that govern the relationship between an organism and its environment. Graduates of this degree program could seek employment with industry, state and local regulatory agencies, municipalities, and other environmental agencies or continue graduate studies in the field.

Because of the nature of field opportunities (travel to coastal ecosystems, etc.) integrated into environmental science courses, active participation of the student is required. Therefore, students who anticipate conflicts should select alternate courses.

Charges may be placed on the student’s account for laboratory equipment broken or damaged as a result of student negligence.

The curriculum of the Environmental Science program is designed to help develop and maintain critical thinking, analytical reading, writing, and public speaking skills. Service learning and community involvement are important components of the curriculum and should be encouraged at every opportunity.

Environmental Science Major
BIOL 101 General Biology I
BIOL 102 General Biology II
CHEM 101 General Chemistry
CHEM 102 General Chemistry
EVSC 111 Environmental Science
EVSC 209 Environmental Chemistry
EVSC 211 Organismic Biology
EVSC 301/BIOL 301 Ecology
EVSC 302 Earth Science and Environmental Assessment
EVSC 411 Environmental Technology
EVSC 421 Industrial Hygiene or EVSC 422 Environmental Law
MATH 215 Elementary Statistics
TOTAL: 48 semester hours

Environmental Science Minor
EVSC 111 Environmental Science
EVSC 211 Organismic Biology
EVSC 301/BIOL 301 Ecology
EVSC 302 Earth Science and Environmental Assessment
Choose one of the following courses:
EVSC 421 Industrial Hygiene
EVSC 422 Environmental Law
TOTAL: 20 semester hours
Environmental Science Internship Program
(optional) 4-16 Hours

The Environmental Science Internship program is a competitive program students can choose to strengthen their degree. Students must apply through the Environmental Science program for an internship. Typical internships would be served with a state or federal agency or with a business charged with enforcing or complying with environmental regulations. Internships may be served the summer between the sophomore and junior year, between the junior and senior year, or at other times subject to scheduling.

COURSE DESCRIPTIONS

EVSC 111. ENVIRONMENTAL SCIENCE.
Environmental Science is intended as a basic survey course designed to provide the student with an understanding of ecological principles and processes. Students will develop their skills at scientific inquiry. Considerations of interactions of social, political, economic, and scientific issues will be related to developing the skills necessary for survival in society and the biosphere. Competency: Critical Analysis. Offered every year.

EVSC 209. ENVIRONMENTAL CHEMISTRY.
A course designed to acquaint students with the chemical mechanisms underlying environmental problems. Topics of study will include chemistry of natural waters, redox equilibria and complexation in natural waters and waste waters, inorganic water pollution, chemistry of soils and the atmosphere, toxicology, and hazardous wastes. Competency: Analytical Reading. Prerequisite: CHEM 102. Offered every other year.

EVSC 211. ORGANISMIC BIOLOGY.
A survey of the five biological kingdoms. Emphasis is on the identification of organisms using dichotomous keys. Extensive fieldwork and travel are required. Skills developed in this course will enable students to perform surveys of aquatic and terrestrial communities. Special emphasis is placed on using taxa as indicators of biotic integrity of ecosystems. Competency: Analytical Reading. Offered every year.

EVSC 301/BIOL 301. ECOLOGY.
The organism’s relationship to its environment including factors influencing populations, communities, and the distribution of organisms. Additionally, students may be required to write a scientific paper based on ecological data they have collected and analyzed. Extensive travel and fieldwork are required. Metrics used in various
ecological assessments are also discussed. Competency: Critical Analysis. Prerequisites: MATH 215 and EVSC 211. Offered every year.

EVSC 302. EARTH SCIENCE AND ENVIRONMENTAL ASSESSMENT.
This course focuses on the fundamentals of physical geology, hydrology, orienteering, navigation, topographic map and aerial photograph interpretation. Students will use these skills to produce environmental maps of watersheds in the Greeneville area which display multiple layers of spatial data (geology, soils, hydrologic features, land uses, etc.). Students will learn basic measurement, navigation and mapping skills in order to produce these maps which can be used as models for environmental impact assessments. Competency: Critical Analysis. Prerequisite: CHEM 102. Offered every other year.

EVSC 350. SPECIAL TOPICS.
Topics to be determined by instructor and will be listed on yearly course schedule. Courses will normally require travel, and extra fees may be required. Competencies: Writing and Public Speaking.

EVSC 414. FIELD BIOLOGY I.
See BIOL 404.

EVSC 416. FIELD BIOLOGY II.
See BIOL 406.

EVSC 421. INDUSTRIAL HYGIENE.
In this course students will learn about the field of Industrial Hygiene. Included in this course will be both the areas of safety and monitoring. Students will learn about the Occupational Safety and Health Act (OSHA), governmental agencies established by the OSHA, and their responsibilities, Occupational Safety and Health Administrations (OSHA’s) standards and regulations, Material Safety and Data Sheets (MSDS), Chemical Hygiene Plans (CHP), monitoring and control methods. Students will learn how to recognize hazards associated within a workplace and how those hazards can affect the human body. The students will perform actual monitoring experiments to test for various hazardous materials and situations on campus and compare the levels to present OSHA Threshold Level Values (TLVs) to ensure people in these situations are exposed to safe levels in these situations. If the levels are found to exceed the TLV value stated the students will suggest correct control methods to prevent overexposure in the tested situations. Offered every other year.
EVSC 422. ENVIRONMENTAL LAW.
Students will study the basic environmental laws that affect business, industry, and education. Students will examine the role of risk assessment in legislative policies. Competency: Public Speaking. Prerequisites: EVSC 300 Levels. Offered every other year.

EVSC 425. PHYSICAL AND ENVIRONMENTAL SCIENCE CONCEPTS.
This course is designed for pre-service elementary education majors and will include hands-on teaching methods as well as course content for physical and environmental science. Topics of study will include the scientific method, earth/space science, basic physics and chemistry, and ecological principles and processes. Competency: Critical Analysis. Prerequisites: EDUC 200 and SPED 101. Offered every year.

EVSC 451. ENVIRONMENTAL SCIENCE INTERNSHIP. 4-16 semester hours.
Students will gain experience in field work in the area of environmental law, monitoring, or field studies. Students may work with federal or state agencies or private industries. Internships are assigned by the environmental science department on the basis of availability and a set of department guidelines. Competencies: Civility and Self-Knowledge.
**FIELD GUIDE/NATURALIST**

The Field Guide/Naturalist major emphasizes the understanding of ecological sciences’ communication theory, educational principles, and resource management. It stresses the balance between ecological and social sciences.

The curriculum of the Field Guide/Naturalist program is designed to help develop and maintain critical thinking, analytical reading, writing, and public speaking skills. Service learning and community involvement are important components of the curriculum and should be encouraged at every opportunity.

**Field Guide/Naturalist Major**

**Prerequisites:** BIOL 101 General Biology I and BIOL 102 General Biology II
MASS 221 Introduction to Mass Media
PYSC 101 Essentials of Psychology
PYSC 200 Developmental Psychology or PYSC 221 Social Psychology
SPED 101 Survey of the Regular and Special Needs Population Within the School Environment
EVSC 111 Environmental Science
EVSC 211 Organismic Biology
BIOL 204 Nonvascular Plants
BIOL 205 Morphology and Taxonomy of Vascular Plants
BIOL 220 Vertebrate Zoology I
BIOL 221 Vertebrate Zoology II
BIOL 301 General Ecology
EVSC 302 Earth Science and Environmental Assessment
BIOL 401 Invertebrate Zoology
EVSC 451 Internship (4-16 hours)
Total Hours: 56 semester hours.

Electives (Suggested)
EVSC 414 Field Biology I
EVSC 416 Field Biology II
PHED 115 Community First Aid, CPR, and Safety (1 hour)
PHED 195 Hiking/Backpacking (1 hour)
PHED 196 Canoeing (1 hour)
GEOGRAPHY

GEOG 200. INTRODUCTION TO GEOGRAPHY.
An introductory survey of important geography factors affecting the political and economic development of nations. Emphasis given to consideration of location, size, natural resources, terrain, culture, and population composition. Competency: Analytical Reading. Offered every year.
HISTORY

The major and minor programs in History contribute to the intellectual and moral development of students and enhance their preparation for active citizenship in the American nation and the larger global community. Course work in History hones the skills desired in students who may wish to pursue careers in government, the law, or education, or who plan to undertake graduate study, as a prelude to public involvement as a civil servant, attorney, teacher, or community leader. The department’s programs and courses, including independent or interdisciplinary majors that combine elements of one or more disciplines, have been developed with student interests in mind and to provide the background necessary for fulfillment of professional aspirations in such fields as information management, historic preservation, research, and information.

History majors are required to complete eleven courses (44 hours) in the discipline, including History 101 and 102 (The West and the World surveys) and History 201 and 202 (The U.S. History surveys). Students must also complete History 302 (Readings in The Uses of the Past) and History 402 (Historical Methods). Students who have completed comparable courses may apply for a waiver of these required courses. Beyond these six required courses, students must complete five History courses of their own choosing, keeping in mind that their choices should provide them with the breadth of perspective all liberally educated persons should have. In no case will more than three 200-level courses be counted toward the eleven needed for a History major. Finally, students must submit a satisfactory senior-level research paper to complete their major requirements.

Students may also choose a History Education major, which provides them with the benefits of a History degree and prepares them for licensure to teach history in grades 7-12. History-Education Majors must also complete a satisfactory senior-level lesson plan suitable for classroom use for grades 9-12, in order to complete their major requirements.

Students interested in doing so may design an independent major combining History with other related or appropriate courses, or they may elect to complete a minor in History, consisting of 20 semester hours of study.

History Major: (44 hours)

Required:
HIST 101 & 102 West & the World, I and II
HIST 201 & 202 U.S. History Survey, I and II
HIST 302 Readings in Uses of Past
HIST 402 Historical Methods and Research [taken concurrent
with HIST 302 across the semester]
AND
Choose three of following:
HIST 212 The Colonial Era
HIST 300 Tennessee in Southern History
HIST 322 Modern America
HIST 323 The Era of the Civil War and Reconstruction
HIST 335 Native American History
HIST 337 American Labor & Working Class History
AND
Choose two of the following:
HIST 303 Europe I or HIST 304 Europe II
HIST 306 The Islamic World
HIST 311 Modern East Asia
HIST 315 Modern Latin America
HIST 332 Modern Africa, 1800-present

History Minor
HIST 101 or 102 The West and the World, I or II
HIST 201 or 202 U.S. History Survey, I or II
Choose three additional courses from the elective listing for the history major.

History-Education Major: Teaching Licensure Grades 7-12
The following program leads to licensure with endorsement in History, for teaching grades 7-12. This program is comprised of 145 semester hours, as follows:
Major: 44
Professional Education: 36
General Education: 63
Major curriculum
EDUC 419 Content Area Reading
GEOG 200 Introduction to Geography
HIST 102 The West & the World, II*
HIST 202 U. S. History Survey, II
HIST 302 Readings in Uses of Past
POLS 203 American Government
*general education requirements
AND
Choose five of the following:
HIST 212 The Colonial Era
HIST 300 Tennessee in Southern History
HIST 301/ENGL 300 Women in History
HIST 303 Europe I
HIST 304 Europe II
HIST 306 The Islamic World
HIST 311 Modern East Asia
HIST 315 Modern Latin America
HIST 322 Modern America
HIST 323 The Era of the Civil War and Reconstruction
HIST 332 Modern Africa, 1800-present
HIST 335 Native American History
HIST 337 American Labor and Working Class History

Professional Education Curriculum
EDUC 200 History, Philosophy and Principles of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 342 Learning Environments K-12
EDUC 452 Student Teaching Seminar
EDUC 456 Enhanced Student Teaching (7-12)
SPED 101 Survey of the Regular and Special Populations Within the School Environment

General Education Curriculum
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101/2 The West & the World I or II OR POLS 380 The Political Traditions of the West
HIST 201/2 U.S. History Survey I or II
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Extended Freshman Experience
PHED 201 Foundations of Physical Fitness and Wellness
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art

History Education Minor
Grades 7-12
24 Total Hours
HIST 101 The West and the World I
HIST 102 The West and the World II
HIST 201 U.S. History Survey I
HIST 202 U.S. History Survey II
TUSCULUM COLLEGE 2005-2006

HIST 300 Tennessee History (or) an approved substitution
EDUC 342 Learning Environments 7-12

The History Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

COURSE DESCRIPTIONS

HIST 101-102. THE WEST AND THE WORLD I AND II.
A survey of the history of Western Civilization and its interaction with the non-Western World, including Mesopotamia, the Middle East, Africa, and the Americas. Competency: Analytical Reading. Offered every year.

HIST 201-202. U.S. HISTORY SURVEY I AND II.
A survey of the United States from the explorations of the 16th century to the present. Primary emphasis is on the interplay of economics and ideas as the foundation of the American republic and its subsequent evolution. Topics covered include red, white, and black America, Jacksonian democracy and the rise of the common man, slavery and abolitionism, Westward expansion, the Civil War and Reconstruction, the American industrial revolution, woman suffrage and feminism, the Great Depression, New Deal, World War II, the black freedom struggle of the 1950s and 1960s, America and the Cold War, and neo-conservatism in the late 20th Century. Competencies: Self-Knowledge and Analytical Reading. Offered every year.

HIST 212. THE COLONIAL ERA.
An overview of the cultural, economic, geographic, political, and social evolution of England’s American colonies, from the establishment of Jamestown to the achievement of independence at Yorktown. Primary emphasis is given to the English roots of colonization, the structure and dynamic nature of colonial life and society, and the causes of the great estrangement from England that led to the disruption of the British Empire. Other topics include examining the American Revolution and the Wars for Independence in the international political context of the 18th Century. Competency: Critical Analysis. Prerequisite: History 201-202 or permission of instructor. Offered every fourth year.

HIST 300. TENNESSEE IN SOUTHERN HISTORY.
A political, social, cultural, and economic history of the area now called Tennessee, set in the context of the American South, from the rough-and-tumble frontier days of the 1790s through the dynamic growth, cultural diversity, and political transitions of the present day.
Topics to be covered include Tennessee geography, famous Tennesseans, the Lost State of Franklin, Andrew Jackson, the Cherokee Trail of Tears, the Civil War, Woman Suffrage and Reform, TVA, World War II and the Manhattan Project, Memphis, the Blues, the Civil Rights Movement, the World’s Fair of 1982, and the impact of globalization. May include field trips to sites of interest in Tennessee history. Competencies: Critical Analysis and Self-Knowledge. Prerequisites: History 201-202. Offered every fourth year.

HIST 301/ENGL 300. WOMEN IN LITERATURE.
An exploration of the women’s movement and some important works of literature stemming from it in the larger context of U.S. social and political history from the latter 19th century forward. Emphasis will be placed on male and female responses to changing patterns in American culture. Competency: Self-Knowledge. Offered every other year.

HIST 302. READINGS IN THE USES OF THE PAST.
An introductory examination of the nature of history and of the methods of historical inquiry. Primary emphasis will be given to the following questions: "What is the value of history?" and "Is it possible to really know the past?" The course also considers historians as detectives: how they use the evidence and attempt to establish the truth about the fascinating stories they relate. All of this is examined within the framework of the diverse methodologies historians employ to unearth new evidence that expands and deepens our understanding of the past. Competencies: Civility and Critical Analysis. Prerequisites: HIST 101-102, HIST 201-202. Offered every other year.

HIST 303. EUROPE I.
An examination of the important movements in the period from 1400-1750. Topics to be covered include the intellectual dimensions of the Renaissance, the rise of the nation-state and its political and economic structures, and the Reformation, its religious origins, and its political, economic, and social impact. Competency: Critical Analysis. Prerequisites: HIST 101-102 or permission of the instructor. Offered every fourth year.

HIST 304. EUROPE II.
An examination of the Industrial, French, and Russian revolutions and the origins, nature, and aftermath of World War I. Competency: Critical Analysis. Prerequisites: History 101-102 or permission of the instructor. Offered every fourth year.

HIST 306. THE ISLAMIC WORLD.
A broad-based examination of cultural, economic, political, religious, and social developments in the Islamic world from the 7th Century to
the present. Primary emphasis is on the emergence and nature of Islam and its spread from Arabia to the Atlantic and Southeast Asia, the impact of the West on the Islamic world, and the role of states, power, and politics in shaping Islamic responses to Western imperialism. This course may also utilize guest speakers and other resources to heighten student awareness of the complex interaction of the Islamic and Western worlds with one another. Competency: Critical Analysis. Prerequisites: HIST 101-102 or permission of instructor. Offered every fourth year.

HIST 311. MODERN EAST ASIA.
A survey of the principal historical trends and events in East Asia since the 15th century. Primary emphasis is on the emergence of modern China, but the course also considers the historical experiences of Japan, Korea, and Southeast Asia. Particular attention is paid to the impact of imperialism in East Asia and the diversity of Asian responses to modernization. This course may also utilize guest speakers, Internet resources, film, and personal memoir to expand students’ access to the cultures and histories of a region that has been both distant and enmeshed in the Western and American experience. Competency: Critical Analysis. Prerequisites: HIST 101-102 or HIST 201-202. Offered every fourth year.

HIST 315. MODERN LATIN AMERICA.
A survey of the principal historical trends and events in Latin America in the 19th, 20th, and 21st centuries. Primary emphasis is on Central America and Mexico, with some attention also given to selected countries in South America and the Caribbean. Topics covered include colonialism and the wars of independence; caudillos, populists, and military juntas; the culture and daily life of mestizos, creoles, and Amerindians; U.S.-Latin American relations; rebellions, revolutions, and reaction in Central America; and the challenges and opportunities of economic and political modernization. This course may also utilize guest speakers, Internet resources, film, and personal memoir to expand students’ access to the cultures and histories of Latin America. Competency: Critical Analysis. Prerequisites: HIST 101-102 or HIST 201-202. Offered every fourth year.

HIST 322. MODERN AMERICA.
An in-depth examination of the principal, cultural, economic, intellectual, political, and social forces that have shaped and reshaped the American nation from the mid-20th Century to the present. Particular attention will be devoted to the impact of the Great Depression and World War II, the Cold War, the Korean and Vietnam Wars, consumerism and stability in the 1950s, McCarthyism versus the Age
of Aquarius, the black freedom struggle, and the reactions of traditional Americans to all the changes wrought since the Stock Market Crash of 1929 and the detonation of the first atomic bomb in 1945. The course may include field trips to important sites which highlight these themes. Competency: Critical Analysis. Prerequisites: HIST 201-202 or permission of the instructor. Offered every fourth year.

HIST 323. THE ERA OF THE CIVIL WAR AND RECONSTRUCTION. Elective. A survey of the Civil War and Reconstruction era (1861-77). Emphasis is given to the causes of the Civil War, the social, economic, and political developments of the war years as well as the Reconstruction era. Particular attention will be paid to the idea that the period 1861-77 was a watershed that transformed American society and the nature of the federal union. The course may include extended field trips to important sites of interest to the history of the Civil War and Reconstruction, such as Harper’s Ferry, Virginia; Chickamauga, Georgia; or Gettysburg, Pennsylvania. Competencies: Critical Analysis and Self-Knowledge. Prerequisites: HIST 201-202. Offered every fourth year.

HIST 332. MODERN AFRICA, 1800-PRESENT. Recognizing the growing importance of Africa and African peoples in world affairs, this course offers a survey of major themes, events, and personalities in African history from 1800 to the present. Topics may include the African slave trade and its abolition, European imperialism, African reactions to colonial rule, religious and cultural movements, ethnicity and tribalism, the formation of African states in the wake of decolonization, and recent moves toward pan-Africanism. The course also includes an assessment of Africa’s future in an era of increased globalization and a comparative treatment of African peoples and culture in the Americas, including the impact of that culture on Western Civilization. Competencies: Analytical Reading and Ethics of Social Responsibility. Prerequisites: History 101-102. To be offered every fourth year.

HIST 335. NATIVE AMERICAN HISTORY. This course in the history of Native Americans from the end of the Ice Age to the Present is designed to be ethnohistorical in nature. This means examining this history through the eyes of the American Indians themselves, as a product of their own unique cultures and the challenge of contending with a massive invasion of their homelands and cultural space by outsiders. The course depends on the writings of anthropologists, archaeologists, historians and diverse Native Americans to understand the native perspective and to place it firmly within the context of American and Western history as a whole. Competency: Critical Analysis. Prerequisites: History 201-202 or permission of the instructor. Offered every fourth year.
HIST 337. AMERICAN LABOR AND WORKING CLASS HISTORY.
This course examines the social, political, economic and cultural history of working people and labor organizations in the United States, from the Industrial Revolution of the late 19th Century to the present. Emphasis is on the impact of economic modernization on the diverse ethnic, racial, and gender groups that have comprised the modern American working class. Topics covered will include the shift from hand labor to machine and assembly line production, the successes and failures of unionism, working class culture and urban life, strikes and strikebreaking, Rosie the Riveter and World War II, the impact of NAFTA and the trends of globalization, and above all, the diversity of ways working people have shaped the history of modern America. Competencies: Critical Analysis and Self-Knowl-
edge. Prerequisites: History 201-202 or permission of the instructor. Offered every fourth year.

HIST 402. HISTORICAL METHODS AND RESEARCH.
This course requires students to apply the craft of historical analysis and writing by developing and completing a research project that culminates in an historical essay and presentation. Topics will be determined by the instructor in consultation with students. This course extends across the semester and should be taken concurrent with HIST 302 or after successful completion of that course. Competencies: Critical analysis and Writing. Prerequisites: HIST 101-102, HIST 201-202, HIST 302 or concurrent registration in HIST 302. Offered every other year, across the semester.

HIST 430. READINGS IN SPECIAL TOPICS IN HISTORY.
A flexible course intended to serve as an instrument for examining topics in history of particular interest to students and faculty. Emphasis is on readings and intensive study. Competencies: Critical Analysis and Analytical Reading. Prerequisites: At least 6 credit hours in history, Junior standing, and permission of the instructor. Offered as needed, with permission of instructor.

HIST 450. INDEPENDENT STUDY.
Generally, a student-initiated request for study of a particular aspect of history not usually covered in-depth in a particular course. The work will be accomplished under the direction of an advisor, will include weekly meetings, and may require completion of a formal paper. Offering this course is at the discretion of the instructor. Competencies: Critical Analysis and Writing. Prerequisites: At least 6 credit hours in history, Junior standing, and permission of the instructor.
Human Growth and Learning

The Human Growth and Learning major is designed for students who desire to take courses primarily by faculty from arts and sciences disciplines. The major is open to students who are preparing for licensure in Early Childhood Education and Elementary Education and for those students who do not wish licensure. The major may be combined with study in other fields related to how children learn in the context of their environments. The courses in this major are designed with practicum experiences to allow students to have interactive activities with students in the public school setting prior to student teaching or other educational endeavors. This major is offered on the residential campus and through the Graduate and Professional Studies program in approved off-campus sites. Three licensure areas are available as well as the non-licensure option.

1. Human Growth and Learning Major with Early Childhood Education Licensure

This program is comprised of 143 semester hours, as follows:

- Major 43
- Professional Education 32
- General Education 62

Human Growth and Learning Major Curriculum

BIOL 100 Introductory Biology (or) EVSC 425 Physical and Environmental Science Concepts
EDUC 307 Language Development and Emergent Literacy
ENGL 335 Children’s Literature
HGLN 337 Assessment and Evaluation
HGLN 340 Learning Environments EC/K-4
MATH 425 Mathematics Applications in the Real World
PHED 360 Curriculum Design and Teaching Methods for Elementary School Physical Education
SPED 101 Survey of the Regular and Special Populations Within the School Environment
SPED 354 Strategies for the Early Childhood Special Needs Students
SPED 451 Educating the Gifted Student
VISA 330 The Arts and Childhood Learning

Professional Education Curriculum

EDUC 200 History, Philosophy and Principles of Education
EDUC 320 Classroom Discipline and Management
EDUC 416 Teaching Reading
HGLN 417 Literacy Through Language Arts
EDUC 452 Student Teaching Seminar
EDUC 453 Enhanced Student Teaching (PreK-K)
EDUC 454 Enhanced Student Teaching (K-4)
General Education Curriculum
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
GEOG 200 Introduction to Geography
HIST 101 or 102 The West and the World I or II or POLS 380 The Political Traditions of the West
HIST 201 or 202 U.S. History I or II
MATH 102 College Algebra
OREN 105 Extended Freshman Experience
PHED 115 Community CPR, First Aid, and Safety
PHED 260 Contemporary Health Issues
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Tradition
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art

Human Growth and Learning Minor--Early Childhood Education Concentration
Grades PreK-4
40 Hours Total
EDUC 307 Language Development/Emergent Literacy
ENGL 335 Children’s Literature
HGLN 337 Assessment and Evaluation
HGLN 340 Learning Environments in Early Childhood
EDUC 416 Teaching Reading
HGLN 417 Literacy Through Language Arts
PHED 360 Curriculum Design/Methods in Elementary PE
SPED 354 Strategies for the Early childhood Special Needs Students
SPED 451 Educating the Gifted Student
VISA 330 The Arts and Childhood Learning

The Early Childhood Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.
2. Human Growth and Learning Major with Elementary Education Licensure (K-6)

This program is comprised of 133 semester hours, as follows:

Major 39
  Professional Education 32
  General Education 62

Human Growth and Learning Major Curriculum

BIOL 100 Introductory Biology
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
GEOG 200 Introduction to Geography
HGLN 341 Learning Environments K-6
HGLN 417 Literacy Through Language Arts
MATH 425 Mathematic Applications in the Real World
PHED 360 Curriculum Design and Teaching Methods for Elementary School Physical Education
SPED 101 Survey of the Regular and Special Populations Within the School Environment
VISA 330 The Arts and Childhood Learning

One elective to be chosen from:
ENGL 213 British Literature I
ENGL 214 American Literature I
ENGL 225 World Literature
SPED 352 Developmental Disabilities
SPED 354 Strategies for the Early Childhood Special Needs Students
SPED 451 Educating the Gifted Student
SPED 455 The Consulting Teacher Model
Or Another Approved Humanities Course

Professional Education Curriculum

EDUC 200 History, Philosophy and Principles of Education
EDUC 320 Classroom Discipline and Management
EDUC 416 Teaching Reading
HGLN 337 Assessment and Evaluation
EDUC 452 Student Teaching Seminar
EDUC 454 Enhanced Student Teaching (K-3)
EDUC 455 Enhanced Student Teaching (4-6)

General Education Curriculum

CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
HIST 101 or 102 The West and the World I or II or POLS 380 The Political Traditions of the West
HIST 201 or 202 U.S. History I or II
MATH 102 College Algebra
OREN 105 Extended Freshman Experience
PHED 115 Community CPR, First Aid, and Safety
PHED 260 Contemporary Health Issues
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art

Human Growth and Learning Minor with Elementary Education Concentration
Grades K-6
35 Total Hours
EDUC 416 Teaching Reading
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
HGLN 337 Assessment and Evaluation
HGLN 341 Learning Environments K-8
HGLN 417 Literacy Through Language Arts
MATH 425 Mathematics Applications in the Real World
PHED 360 Curriculum Design/Methods Elem. (3 hrs.)
PHED 115 First Aid & CPR (1 hr.)
VISA 330 The Arts and Childhood Learning

The Elementary Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

3. Human Growth and Learning Major with Elementary Education Licensure (K-8)
(only available 2005-2006)
This program is comprised of 129 semester hours, as follows:
   Major  39
   Professional Education 32
   General Education 58

Human Growth and Learning Major Curriculum
BIOL 100 Introductory Biology
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
GEOG 200 Introduction to Geography
HGLN 341 Learning Environments K-6
HGLN 417 Literacy Through Language Arts
MATH 425 Mathematics Applications in the Real World or MATH 205 Geometry
PHED 360 Curriculum Design and Teaching Methods for Elementary School Physical Education
SPED 101 Survey of the Regular and Special Populations Within the School Environment
VISA 330 The Arts and Childhood Learning

**Professional Education Curriculum**
EDUC 200 History, Philosophy and Principles of Education
EDUC 320 Classroom Discipline and Management
EDUC 416 Teaching Reading
HGLN 337 Assessment and Evaluation
EDUC 452 Student Teaching Seminar
EDUC 454 Enhanced Student Teaching (K-4)
EDUC 455 Enhanced Student Teaching (5-8)

**General Education Curriculum**
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
HIST 101 or 102 The West and the World I or II or POLS 380 The Political Traditions of the West
HIST 201 or 202 U.S. History I or II
MATH 102 College Algebra
oren 105 Extended Freshman Experience
PHED 115 Community CPR, First Aid, and Safety
PHED 260 Contemporary Health Issues
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions

*Choose one of the following courses:*
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art

4. **Human Growth and Learning Major Without Licensure**
This program is composed of 128 hours, as follows:
- Major 39
- Electives 27
- General Education 62

**Human Growth and Learning Major Curriculum**
BIOL 100 Introductory Biology
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
COURSE DESCRIPTIONS

HGLN 337. ASSESSMENT AND EVALUATION.
The purpose of this course is to provide preservice teachers with skills that will enable them to determine: what students have learned, what aptitude students possess for future learning, how well students are progressing to specific educational goals (state grade-level curriculum standards), how students feel toward school, and what aspirations and interests students possess. The pre-service teacher will develop and use tests, rating scales, observational records, questionnaires, and other types of informal and authentic measurement instruments. This course will provide the learner with an opportunity to understand and apply sound measurement principles and practices to methods of inquiry and research. Strong emphasis will be placed on performance-based assessment, interpretation of
standardized testing measures, and communication of this information to the appropriate personnel. Practicum experiences are included. Competency: Critical Analysis. Prerequisites: EDUC 200 and SPED 101. Offered every year.

This course is designed to prepare the preservice teacher with opportunities to study the manner in which a play-based developmental curriculum is linked with developmental assessment and curriculum planning. Opportunities for play and creative experiences are essential to the learning and development of the young child. Experiences in the course will include a study of ways to successfully serve the needs of diverse learners. The importance of the role of the parents in their child’s development is also a focus of this course. The pre-service teacher will demonstrate ability to plan, implement, and assess curriculum that includes current technology, materials, and community resources. The planned curriculum will reflect the pre-service teacher’s understanding of the psychological and social development of the primary-age student. The pre-service teacher will demonstrate the ability to plan and teach both skills and content in the PreK-4 area while building a community of engaged learners. Competency: Writing. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

HGLN 341. LEARNING ENVIRONMENTS K-6.
This course is designed to prepare the K-6 pre-service teacher to apply curriculum principles and techniques in various learning environments with students of diverse abilities and needs. The preservice teacher will demonstrate ability to plan, implement, and assess curriculum that includes current technology, materials, and community resources. Using information from informal assessment techniques, the pre-service teacher will make sound instructional decisions. The planned curriculum will reflect the pre-service teacher’s understanding of the psychological and social development of the primary and preadolescent student. Using methods such as cooperative learning, the pre-service teacher will develop strategies that foster the inclusion of diverse learners and students of different cultures. The pre-service teacher will demonstrate the ability to plan and teach both skills and content in the K-6 area while building a community of engaged learners. Included in this course will be a review of the philosophical underpinnings that drive education in the K-6 learning environment. Competency: Writing. Prerequisites: EDUC 200 and SPED 101. Offered every year.
HGLN 417. LITERACY THROUGH LANGUAGE ARTS.
This course provides a working knowledge of the instructional models and materials for teaching language arts in grades K-6. Preservice teachers will develop an understanding of writing development including language mechanics, appropriate grammar, and legible handwriting. Special emphasis will be placed on communication skills, diagnostic procedures, and evaluations. Media and technology will be explored to incorporate activities emphasizing the relationship between writing, listening, speaking, and reading activities. Multiple strategies and materials will be developed in the coursework for teaching these skills to at-risk students, students with disabilities, economically disadvantaged, and highly mobile students as well as intellectually gifted students and students from different racial and ethnic backgrounds. Reflections from practicum experiences will be utilized along with instructional practices. Competency: Analytical Reading. Prerequisites: EDUC 200 and SPED 101. Offered every year.
JOURNALISM

Please see ENGLISH for Journalism Studies.
MASS MEDIA

The mission of the Mass Media Program is to provide the campus community with experience and knowledge of Mass Media, their operations and relationships to society, while offering professional preparation to those desiring to make a contribution to their communities through employment in mass media.

The program offers a major and a minor in media. The major consists of a 20-credit core and one or more concentrations.

• The Radio concentration allows students who have a strong interest in radio to gain experience and a deeper understanding of radio announcing, operation, and management.
• The Television concentration consists of in-depth course work in studio, field and control-room operations, announcing, and nonlinear editing.
• The Sports Broadcasting concentration takes advantage of the state-of-the-art athletic facilities on campus. The skill set prepared corresponds closely to real-world needs of commercial radio and television stations sports coverage.

Well qualified seniors may elect to complete off-campus internships in public relations, print journalism, photojournalism, radio or television. Students who successfully complete the program will be ready for continued study in graduate school or employment in public or private organizations. The media studies draw on the radio and television production facilities, the excellent sports complex, and a seven-station photography lab for traditional and digital processing utilizing PhotoShop CS.

**Major Curriculum’s Core courses**
JOUR 118 Introduction to Journalism
MASS 215 Basic Photography
MASS 221 Introduction to Mass Media
MASS 303 Media and Society
MASS 403 Media Ethics and Law
TOTAL: 20 credit hours

**Radio concentration**
MASS 241 Broadcast News
MASS 251 Radio Operations I
MASS 351 Radio Operations II
MASS 329 Radio Production
MASS 442 Senior Radio Project
TOTAL: 20 credit hours
Sports Broadcasting concentration
MASS 251 Radio Operations
MASS 309 Sports Announcing (3 credit hours)
MASS 329 Radio Production
PHED 215 Sport and Society (3 credit hours)
PHED 289 Sports Officiating Practicum (1 credit hour)
PHED 290 Officiating of Games and Sports (3 credit hours)
MASS 442 Senior Radio Project
TOTAL: 24 credit hours
Choose two of the following one-hour lab courses:
MASS 321 Football Play-by-play
MASS 322 Baseball & Softball play-by-play
MASS 323 Basketball play-by-play
MASS 324 Soccer play-by-play
Note: No overload fee is assessed for the two required lab courses in this curriculum

Television concentration
ENGL 230 Writing for the Screen
MASS 210 Basic Video Production
MASS 241 Broadcast News
MASS 281 Video Post Production
MASS 310 Video Field Production
MASS 311 Photojournalism
MASS 341 Video Studio Production
MASS 441 Senior Video Project
TOTAL: 32 credit hours

Recommended electives:
Students taking the Sports Broadcasting track are encouraged to take an additional Sports Officiating Practicum and one or two additional play-by-play lab courses. All concentrations recommend these additional electives:
ENGL 220 Creative Writing
JOUR 218 Specialized Journalism
MASS 315 Creative Photography
VISA 214 Computer Graphics and Desktop Publishing

Mass Media Minor
MASS 221 Introduction to Mass Media
MASS 403 Media Ethics and Law
Plus three additional media courses selected in accordance with the student’s interest and in consultation with the Program Director.
TOTAL: 20 credit hours
MASS 210. BASIC VIDEO PRODUCTION.
An introduction to video production techniques including scripting, storyboarding, use of camera, lighting, editing and producing. Competency: Civility. Offered every year.

MASS 215. BASIC PHOTOGRAPHY.
An introduction to the proper use of cameras, compositional techniques, film development, negative scanning and digital editing of still photographs using contemporary computer software. Competency: Public Speaking. Offered every year.

MASS 221. INTRODUCTION TO MASS MEDIA.
A study of the history and consequences of mass media’s shrinking world, how mass media affects each of us individually and why we as citizens need to become better informed and better prepared to deal with such issues as media imperialism and electronic colonialism in the emerging new world order. Competency: Writing. Offered every year.

MASS 241. BROADCAST NEWS.
Students will focus on the writing, editing and presentation of news and feature stories. Prerequisite: JOUR 118, MASS 210 or MASS 251. Competency: Writing. Offered every year.

MASS 251. RADIO OPERATIONS I.
Hands-on experience in broadcasting. Students will go "on the air" and learn how to operate broadcast equipment, process radio logs, read spots, and produce musical radio shows. Emphasis will be placed on preparation, delivery, pronunciation and creativity. (Recommended for all freshmen considering a Mass Media major). Competency: Writing. Offered every year.

MASS 281. VIDEO POST PRODUCTION.
An introduction to linear and non-linear editing, including character generation, special effects and video transitioning. Prerequisite: MASS 210. Competency: Civility. Offered every year.

MASS 303. MEDIA AND SOCIETY.
This course examines the concepts and principles of contemporary media in an effort to analyze the causal interrelationship between mass media and our society. Prerequisite: MASS 221. Competency: Critical Analysis. Offered every year.
MASS 309. SPORTS ANNOUNCING. 3 credit hours.
An introduction to Sports Broadcasting: interview techniques, writing, and game and on-air preparation including the collection, review, understanding and use of game statistics. Prerequisite: PHED 290. Competency negotiated. Offered every year.

MASS 310. VIDEO FIELD PRODUCTION.
A continuation of Basic Video Production (MASS 210) with additional emphasis on writing, directing, producing, and on-camera presentation while on location, and the processing of these elements in post production. Competency: Ethics of Social Responsibility. Prerequisites: MASS 210, 241, and 281, or permission of Instructor. Offered every year.

MASS 311. PHOTOJOURNALISM.
An intermediate-level photography course with an emphasis on photography as a medium of communication through content and technique. Students will be charged a $35.00 lab fee to defray costs of materials. Competency: Public Speaking. Prerequisite: MASS 215, Level II Writing or permission of instructor. Offered every year.

MASS 315. CREATIVE PHOTOGRAPHY.
A continuation of Basic Photography with a greater focus on the traditional non-digital printing process, its methods and special effects. The course will also study the process of understanding and criticizing photographs including the works of noted photographers. Students will be charged a $35.00 lab fee to defray costs of materials. Prerequisite: MASS 215. Competency: Public Speaking. Offered every year.

MASS 321. FOOTBALL PLAY-BY-PLAY. 1 credit hour.
Students will participate in the actual announcing of live football games, following action and providing color commentary. Prerequisites: PHED 290, MASS 309. Offered every fall.

MASS 322. BASEBALL/SOFTBALL PLAY-BY-PLAY. 1 credit hour.
Students will participate in the actual announcing of live baseball/softball games, following action and providing color commentary. Prerequisites: PHED 290, MASS 309. Offered every spring.

MASS 323. BASKETBALL PLAY-BY-PLAY. 1 credit hour.
Students will participate in the actual announcing of live basketball games, following action and providing color commentary. Prerequisites: PHED 290, MASS 309. Offered every spring.

MASS 324. SOCCER PLAY-BY-PLAY. 1 credit hour.
Students will participate in the actual announcing of live soccer
games, following action and providing color commentary. Prerequisites: PHED 290, MASS 309. Offered every fall.

MASS 329. RADIO PRODUCTION.
Practical experience in radio production techniques utilizing major formats currently in demand by commercial and noncommercial radio stations. Productions will include spots, taped interviews, and programming techniques. Emphasis will be placed on the writing and broadcasting of material that is both informative and entertaining. Competency: Analytical Reading. Prerequisites: MASS 221, 251 or permission of instructor. Offered every year.

MASS 341. VIDEO STUDIO PRODUCTION.
An introduction to the in-studio production process that includes technical direction, camera operations, studio management, sound, lighting, audio and on-camera announcing. Competency: Civility. Prerequisite: MASS 210. Offered every year.

MASS 351. RADIO OPERATIONS II.
A continuation of MASS 251 with additional focus on managerial duties, i.e., program directing, sales, and station management. Competency: Analytical reading. Prerequisite: MASS 329. Offered every year.

MASS 403. MEDIA ETHICS AND LAW.
A study of ethical and legal media issues; the first amendment, freedom of information, libel and slander law, invasion of privacy, etc. Competency: Ethics of Social Responsibility. Offered every year.

MASS 441. SENIOR VIDEO PROJECT.
Students will originate, script, direct, and edit a television project designed to demonstrate their acquired knowledge and skills of the discipline, their creative abilities, and their technical expertise in state-of-the-art editing. Prerequisites: Senior mass media student, MASS 310 or 341 and permission of instructor. Competency negotiated. Offered every year.

MASS 442. SENIOR RADIO PROJECT.
Students will originate, script, direct, and edit a radio project designed to demonstrate their acquired knowledge and skills of the discipline, their creative abilities, and their technical expertise in state-of-the-art editing. Students will also produce a minimum of one live musical show per week culminating in a telescoped air check. Prerequisites: Senior mass media student, MASS 329 and permission of instructor. Competency negotiated. Offered every year.
MASS 451. RADIO INTERNSHIP.
An off-campus working experience in a radio station. Prerequisites: MASS 329, Senior standing as a Mass Media major with a concentration in radio; a minimum overall GPA of 3.2 and written permission of instructor. The course is graded Pass/Fail. Competency negotiated. Offered every year.

MASS 453. TELEVISION INTERNSHIP.
An off-campus working experience in a television or video production facility. Prerequisites: MASS 210, 241, 281 and 310, Senior standing as a Mass Media major with a concentration in television, a minimum overall GPA of 3.2 and written permission of instructor. The course is graded Pass/Fail. Competency negotiated. Offered every year.

MASS 454. PUBLIC RELATIONS INTERNSHIP.
An off-campus working experience in a public relations office. This course is graded Pass/Fail. Prerequisites: Senior standing as a Mass Media major with a minimum overall GPA of 3.2 and written permission of the instructor. Competency negotiated. Offered every year.
MATHEMATICS

Mathematics is an essential tool used in most areas of study. In addition to the major and minor in mathematics, we offer a variety of courses to meet the needs of other disciplines.

The mathematics major is designed to meet the needs of students who wish to a) pursue graduate study in the mathematical sciences, b) find mathematics-related employment in business or industry, c) teach mathematics at the secondary level, or d) acquire mathematical tools for use in the physical, social, or life sciences. The Computer Science Concentration described below gives the student majoring in mathematics the chance to add a solid computing component to the program.

Students are also offered an opportunity to minor in mathematics or to design an independent program of study by combining mathematics and any other approved program of study. The required courses for a minor are listed in this section.

The curriculum of the mathematics program is designed to help develop and maintain critical thinking, analytical reading, and public speaking skills. Service learning and community involvement are important components of the curriculum and should be encouraged at every opportunity.

Mathematics Major
The following four courses:
MATH 104 Calculus I
MATH 204 Calculus II
MATH 300 Elementary Differential Equations
MATH 304 Calculus III
One of the following science sequences:
(a) CISC 105, CISC 110, CISC 210
(b) Chem I, II, (c) Physics I, II
and any other six of the following 11:
MATH 103 Trigonometry
MATH 111 Finite Mathematics
MATH 205 Geometry
MATH 215 Statistics
MATH 301 Abstract Algebra
MATH 350 Linear Algebra
MATH 360 Numerical Analysis
MATH 405 Complex Analysis
MATH 410 Partial Differential Equations
MATH 415 Differential Equations II
MATH 420 Real Analysis
MATH 450 Independent Study
TOTAL: 48 or 52 semester hours
Requirements for teaching licensure in Tennessee may include: MATH 111, 205, and 215, National Teacher’s Exam (NTE) Math specialty exams (code 10061, minimum score of 136; code 20065, minimum score of 125), and student teaching; see EDUCATION department for details.

Mathematics Minor
MATH 104 Calculus I
MATH 204 Calculus II
Any other MATH course higher than 102
Any other two MATH courses at the 300 level
TOTAL: 20 semester hours

Mathematics Teaching Licensure – Grades 7-12
The following program leads to licensure for teaching Mathematics in grades 7-12 and is comprised of 149 semester hours, as follows:
Major 52
Professional Education 36
General Education 61

Major Curriculum
EDUC 419 Content Area Reading
MATH 104 Calculus I
MATH 204 Calculus II
MATH 300 Elementary Differential Equations
MATH 304 Calculus III

One of the following sequences:
CISC 105 Problem Solving and Algorithm Development &
CISC 110 Introduction to Programming I OR
CHEM I Chemistry I &
CHEM II Chemistry II OR
PHYS 101 General Physics I &
PHYS 102 General Physics II

Any six of the following 11: (* highly recommended for Praxis preparation)
**MATH 103 Trigonometry
**MATH 111 Finite Mathematics
**MATH 205 Geometry
**MATH 215 Elementary Statistics
*MATH 301 Abstract Algebra
*MATH 350 Linear Algebra
MATH 360 Numerical Analysis
MATH 405 Complex Analysis
MATH 410 Partial Differential Equations
MATH 415 Differential Equations II
MATH 420 Real Analysis
MATH 450 Independent Study in Mathematics
Professional Education Curriculum
EDUC 200 History, Philosophy, and Principles of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 342 Learning Environments 7-12
EDUC 452 Student Teaching Seminar
EDUC 456 Enhanced Student Teaching (7-12)
SPED 101 Survey of the Regular and Special Populations Within the School Environment

General Education Curriculum
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Research, and Rhetoric
EVSC 111 Environmental Science
HIST 101/102 The West and the World I or II OR POLS 380 The Political Traditions of the West
HIST 201/202 U.S. History I or II
MATH 102 College Algebra
OREN 105 Extended Freshman Experience (2 hrs.)
PHED 201 Foundations of Physical Fitness and Wellness (3 hrs.)
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theater
VISA 110 Introduction to Art

Computer Science Concentration
The following seven courses:
MATH 104 Calculus I
MATH 204 Calculus II
MATH 300 Elementary Differential Equations
MATH 304 Calculus III
CISC 105 Introduction to Problem Solving
CISC 110 Introduction to Programming I
CISC 210 Data Structures
Six courses from the following list:
MATH 103 Trigonometry
MATH 111 Finite Mathematics
MATH 205 Geometry
MATH 215 Elementary Statistics
MATH 301 Abstract Algebra
MATH 350 Linear Algebra  
MATH 360 Numerical Analysis  
MATH 405 Complex Analysis  
MATH 410 Partial Differential Equations  
MATH 415 Differential Equations II  
MATH 420 Real Analysis  
MATH 450 Independent Study

The following three Computer Science Concentration courses:
CISC 215 Database Management  
CISC 310 Data Communication and Networking  
CISC 370 File Processing

and one of the following:
CISC 254 Computer Organization/Assembly Language  
CISC 311 Systems Analysis and Logical Design  
CISC 350 Special Topics in Languages  
CISC 400 Hardware and Software Systems  
CISC 410 Operating Systems

Computer Science Minor
CISC 105 Problem Solving and Algorithm Development  
CISC 110 Introduction to Programming I  
CISC 210 Data Structures and Algorithm Analysis (3 hours)  
CISC 215 Database Management (3 hours)
either CISC 200 Management Information Systems and Systems Analysis or CISC 311 Systems Analysis and Logical Design (4 hours)
and one 300 level CISC course.
TOTAL: 24 semester hours
Please see Computer Information Systems for course descriptions.

Course Descriptions

MATH 101. BASIC MATHEMATICS.  
This course is designed to develop an interest in mathematics and to provide the basic tools for further study of mathematics, starting with a review of arithmetic and proceeding through elementary algebra. Basic descriptive statistics is also included. Competency: Mathematics. Offered every year.

MATH 102/CMNS 102. COLLEGE ALGEBRA.  
The course covers college algebra, functions (including polynomial, exponential, and logarithmic) and application to business and the natural, physical, and social sciences. Competency: Mathematics 2a (algebra). Prerequisite: Math 101 or Level 2a Mathematics competency, or ACT Math score of 20 or higher, or permission of instructor. Offered every year.
MATH 103. TRIGONOMETRY.
Trigonometric functions, identities and inverse function; trigonometry of triangles, zeros or higher degree polynomials, and other selected topics in algebra. Competency: Critical Analysis. Prerequisite: ACT Math score of 27 or higher or permission of instructor. Offered every year.

MATH 104. CALCULUS I.
Introduction of calculus including limits, differentiation, integration, and analytic geometry. Applications (both traditional and modern) appear throughout, including examples from geometry, economics, and physics. The graphing, functional, and programming features of graphing calculators will be employed to enhance the understanding and application of calculus. Prerequisite: MATH 103 or greater than 26 on the math part of the ACT or permission of the instructor. Offered every year.

MATH 111. FINITE MATHEMATICS.
This course introduces the student to several of today's main areas of applications of algebra to represent and solve problems, using technology as appropriate. These include linear models, systems of linear equations, linear programming, probability and counting, matrices, Markov chains, and mathematics of finance. The student will apply some common and less common algorithmic processes to solve families of problems, using mental strategies, technology, paper and pencil to understand and solve problems.

MATH 204. CALCULUS II.
Continuation of differential and integral calculus. Topics include integration, numerical integration, logarithm and exponential functions, Taylor’s theorem, series, conics, and polar coordinates. Calculator lab projects will constitute a portion of the course. Competency: Public Speaking. Prerequisite: MATH 104. Offered every other year.

MATH 205. GEOMETRY.
An introduction to the formulas, proofs, and geometric reasoning of Euclidean geometry with a brief introduction to non-Euclidean geometry. Spatial reasoning, geometric models, and manipulatives will be used to analyze shapes, measurements, and geometric problems as appropriate.

MATH 215/CMNS 215. ELEMENTARY STATISTICS.
Introduction to descriptive and inferential statistics using both parametric and non-parametric methods. Some of the major areas covered are: measures of central tendencies, measures of dispersion, distributions (such as frequency, normal, binomial, and probability),
correlation, regression, and hypothesis testing. Competency: Mathematics 2b (statistics). Prerequisites: MATH 102 or Level 2a Mathematics competency. Offered every year.

MATH 300. ELEMENTARY DIFFERENTIAL EQUATIONS.
Methods of solution, computations, and applications of first order and linear second order differential equations including analysis, programming, and testing of iterative and recursive techniques to solve differential equations numerically. Competency: Ethics of Social Responsibility. Prerequisite: MATH 104. Offered every other year.

MATH 301. ABSTRACT ALGEBRA.
This course in abstract algebra (modern algebra) introduces the abstract concepts of mapping, operation, equivalence, congruence, and divisibility. Rings and integral domains will be discussed briefly, and the fundamental concept of group will be developed thoroughly. Examples (such as permutation and symmetry groups) will be used to illustrate abstract notions (such as subgroup, coset, and isomorphism) as these are developed. The study of abstract ideas of number theory will be enhanced by analyzing concrete examples of abstract ideas. Competency: Self-knowledge. Prerequisite: MATH 104. Offered every other year.

MATH 304. CALCULUS III.
Continuation of differential and integral calculus. Topics include parametric equations, vector geometry, curves and surfaces in space, partial derivatives, and multiple integration. Calculator lab projects will constitute a portion of the course. Competency: Critical Analysis. Prerequisite: MATH 104. Offered every other year.

MATH 350. LINEAR ALGEBRA.
This course includes the study of matrices, determinants, systems of equations, vector spaces, and linear transformations. Competency: Critical Analysis. Prerequisite: MATH 104. Offered every other year.

MATH 360. NUMERICAL ANALYSIS.
This is a course in the theory and applications of numerical analysis. The main topics covered are: iterative solutions of equations, polynomial approximation, numerical integration, initial value problems, iterative methods for solving linear systems, and approximation theory. Several other topics in numerical analysis will be treated briefly. Competency: Civility. Prerequisites: MATH 104 and a programming language course. Offered every other year.

MATH 405. COMPLEX ANALYSIS.
Geometric properties of elementary complex functions (exponential,
trigonometric, etc.). Conformal mapping, complex analytic functions. Prerequisite: MATH 104 or permission of instructor. Competencies: Critical Analysis.

MATH 410. PARTIAL DIFFERENTIAL EQUATIONS.
Constructing and solving of partial differential equations for modeling physical systems. Periodic functions and Fourier transformations. Prerequisite: MATH 300 or permission of instructor. Competencies: Critical Analysis.

MATH 415. DIFFERENTIAL EQUATIONS II.

MATH 420. REAL ANALYSIS.
An introductory course on the theory of calculus. Topics include sequences, series, limits, continuity, differentiation, and integration. Prerequisite: MATH 204. Competencies: Critical Analysis.

MATH 425. MATHEMATICS APPLICATIONS IN THE REAL WORLD.
This course provides a working knowledge of the basic theories, instructional models, and materials for teaching mathematics in grades PreK-6. Students will develop an understanding of how algebraic, geometric, and arithmetic ideas are created, described, disseminated, and refined. Special emphasis will be placed on interpreting information presented graphically, numerically, and scientifically in real-life situations. Problem-solving and reflections on solutions will be applied to instructional practices. Practicum experience included. Competency: Mathematics.

MATH 450. INDEPENDENT STUDY IN MATHEMATICS.
A student-initiated request to study some aspect of mathematics not covered in-depth in a regular course. The work will be accomplished under the direction of an advisor and may terminate in a formal paper. Competency: Writing. Prerequisite: MATH 104.
MEDICAL TECHNOLOGY

Please see BIOLOGY for Medical Technology Studies.
MUSEUM STUDIES

The Museum Studies Program provides students with the academic training and hands-on experiences to become museum professionals. Students develop an understanding of the important role of museums, and they acquire the skills and knowledge to serve their communities as museum administrators, curators, and educators. As a result of their learning experience, students are prepared to assume positions of responsibility in museums and other not-for-profit organizations. A primary focus of the program is to prepare students to work in museums with a small staff of paid or volunteer professionals. The program also prepares students who choose to continue their professional development at the graduate level.

The Museum Studies Program operates two museums and the College’s archives through which students gain valuable experience. The Doak House Museum, home (ca. 1830) of the College’s co-founder, hosts over 9,000 school children a year. The President Andrew Johnson Museum and Library is located in “Old College.” This 1841 academic building houses personal memorabilia of the Johnson family and the President’s personal library. The Department of Museum Program and Studies also has an active changing exhibition program and outreach programming.

Courses are designed so that students transferring at the Junior level can complete the major requirement in two years. Students with museum work experience may apply for experiential learning credit in consultation with the Director. Most courses require participation in field trips and attendance at professional conferences.

Courses in the Museum Studies program are taught by Tusculum College faculty and visiting professionals in the field.

Museum Studies Major
BUSN 211 Accounting Principles I
MUSE 101 Introduction to Museum Studies
MUSE 201 Curatorial and Collection Management
MUSE 202 Architecture and Historic Preservation
MUSE 310 Development of Exhibits
MUSE 340 Interpretation and Museum Education
MUSE 401 Seminar on Non-Profit Management
MUSE 402 Museum Internship (12 semester hours minimum)
TOTAL: 40 semester hours (minimum)

Students in the museum studies program are encouraged to take the following courses as electives:
MUSE 320 Archival Management and Conservation
HIST 322 Modern America
Students in the museum studies program are strongly encouraged to take the following courses in other departments:
MASS 215 Basic Photography
ENGL 327 Professional Writing
HIST 212 The Colonial Era
PSYC 230 The Impact of Gender

A selection of the following courses is recommended to help strengthen the museum studies major, depending on field of interest:
BUSN 210 Principles of Business Administration
BUSN 312 Organizational Behavior
BUSN 322 Principles of Finance
CISC 200 Management Information Systems and Systems Analysis
ENGL 227 Southern Appalachian Literature
ENGL 300 Women in Literature
HIST 201-202 U.S. History Survey I & II
HIST 300 Tennessee in Southern History
HIST 322 Modern America
HIST 323 The Era of the Civil War & Reconstruction
PSYC 101 Essentials of Psychology

Minor in Museum Studies
TOTAL: 20 hours
A minor in Museum Studies is available to students majoring in History, Visual Arts with a Fine Arts Concentration, and Field Guide Naturalist.

Required courses
MUSE 101 Introduction to Museum Studies
MUSE 201 Curatorial and Collection Management
MUSE 310 Development of Exhibits
MUSE 340 Interpretation and Museum Education
Plus one of the following:
VISA 111 Basic Design
MUSE 202 Architecture and Historical Preservation
MUSE 320 Archival Management and Conservation
MUSE 401 Seminar on Non-Profit Management

COURSE DESCRIPTIONS

MUSE 101. INTRODUCTION TO MUSEUM STUDIES.
This introductory survey of the museum profession will cover types of museums and their philosophy, history, functions and goals, responsibilities to the profession and to the public’s continuing education, public perception of museums, and how to win community support. Field trips will be taken to sites in the area to study
various methods of museum operations. Competency: Analytical Reading. Offered every year.

MUSE 201. CURATORIAL AND COLLECTION MANAGEMENT. The collecting, cataloging, researching, and conserving of two-dimensional and three-dimensional artifacts are basic to all museums and historical societies. The class will study types and use of collection records and the legal aspects and liabilities of collections. A field trip will study various methods of cataloging and collection management. Basic precepts of conservation will be practiced with the completion of a project required. Competency: Analytical Reading. Prerequisite: MUSE 101 or permission of instructor. Offered every other year.

MUSE 202. ARCHITECTURE AND HISTORIC PRESERVATION. The styles and types of buildings and how they reflect cultural values will be studied. The course will review various methods used to preserve, restore, and maintain the buildings. Field trips will be taken to various buildings in the area to study their historic value and potential for adaptive use. Competency: Critical Analysis. Prerequisite: MUSE 101 or permission of instructor. Offered every other year.

MUSE 310. DEVELOPMENT OF EXHIBITS. The background, planning, and philosophy for an exhibit area and the development of a storyline for the museum and individual exhibits therein will be examined. The class will explore the many different ways in which an individual artifact may be displayed to illustrate a concept or principle. A project of planning and building a museum exhibit, including the mechanics of labeling and lighting, will be required. Competency: Writing. Prerequisite: MUSE 201 or permission of instructor. Offered every other year.

MUSE 320. ARCHIVAL MANAGEMENT AND CONSERVATION. This course will introduce the student to archival processing and conservation of manuscripts, cataloging and preserving of photographs, and methods of genealogical research. A field trip to study different management technologies will be required. For a project, students will process and preserve historically important papers. Competency: Critical Analysis. Prerequisite: MUSE 201 or permission of instructor.

MUSE 340. INTERPRETATION AND MUSEUM EDUCATION. The social and cultural life of the region is reflected through the talk and action of its people. This course will formulate plans and implement a program to interpret this culture to present-day audi-
ences, both adult and children, through the use of artifacts and interpreters. A major field trip will be taken to compare various methods of interpretation and various education programs in museums. Competency: Ethics of Social Responsibility. Prerequisite: MUSE 310 or permission of instructor. Offered every other year.

MUSE 350. SPECIAL TOPICS.
The purpose of this course is to offer students opportunities to engage in selected study that includes mini-research projects into the actual problems encountered in a museum. This course may be taken for credit multiple times on various topics. Competency: negotiated. Prerequisites: MUSE 101.

MUSE 401. SEMINAR ON NONPROFIT MANAGEMENT.
This survey of museum organization covers policies, ethics, types of authority, relations to the public and supporters, budgets, fund accounting, fund-raising, and long-range planning. The course will explore museum marketing, government relations, and job opportunities in the field. The course will include attendance at a museum association meeting. Competencies: Self-Knowledge and Ethics of Social Responsibility. Prerequisites: MGMT 211 and three courses from the MUSE 200-300 series, or permission of instructor.

MUSE 402. MUSEUM INTERNSHIP. Minimum 12 semester hours.
This internship will be under the guidance of faculty in an actual museum setting, putting into practice all the previous courses and introducing the student to the professional museum world. Content of each internship will be based upon a contractual agreement between the student, the museum, and the Director of Museum Studies. The student’s grade will reflect input from outside evaluators. Competency: Civility. Prerequisites: 3 courses from the MUSE 200-300 series or permission of instructor.

MUSE 450. INDEPENDENT STUDIES – MUSEUM RESEARCH.
This course is designed to give the student advanced experience in research, analysis, and writing about a special project to be used by a museum. Topics or subjects selected governed according to the interests and specialties of faculty and students. Student will meet with faculty periodically to review progress. Competency: negotiated. Prerequisites: at least 12 credit hours in museum studies and permission of the instructor.
Music

In addition to the introductory course, MUSC 101, students may choose applied study of guitar, piano, organ, or voice. All students are encouraged to participate in the choral ensembles of the College.

Course Descriptions — Performing Organizations

Note
Students registering for performing organizations receive one semester hour credit for work over an entire semester (Blocks 1-4 or Blocks 5-8). Students may sign up in Block 1 or 5 and will receive their grade in Blocks 4 or 8 respectively.

MUSC 190. TUSCULUM COLLEGE CHOIR. 1 semester hour. Offered every semester. The College Choir is open to all students, faculty, and staff with an interest in choral singing. Choral literature from several musical style periods will be studied and performed, as appropriate to the skill level of the ensemble. The Choir performs a Christmas Concert and Spring Concert each year, with additional performances for area churches. The Choir may also tour in spring, depending on the level of performance excellence achieved. No previous musical background is required. Members need only to be able to match pitch. NOTE: a maximum of 8 hours combined credit from MUSC 190, 191, 192 may be applied to graduation. Prerequisite: Permission of instructor.

MUSC 192. TUSCULUM COLLEGE COMMUNITY CHORUS. 1 semester hour. The Tusculum College Community Chorus is open to all adults with an interest in choral singing. No audition is required. The Chorus rehearses two hours each Monday evening and performs a winter and spring concert. NOTE: a maximum of 8 hours combined credit from MUSC 190, 191, 192 may be applied to graduation.

Course Descriptions — Academic Courses

MUSC 101. INTRODUCTION TO WESTERN MUSIC. Specific focus on the music of western culture. Primary emphasis on the art music of the last five centuries, with additional coverage of the development of jazz in the past century. Connections will be made between the music and the societies that form its context. A small fee may be required to cover concert admission on field trips.
MUSC 450. INDEPENDENT STUDY. 1-4 semester hours. May be repeated for credit to a maximum of 8 hours. Independent applied or academic work planned by the individual student with the aid and advice of the appropriate instructor. Emphasis on concentrated study in an area of music beyond the realm of the present curriculum. Competency: Critical Analysis. Prerequisite: permission of the instructor.

COURSE DESCRIPTIONS—APPLIED MUSIC

Notes on applied music study:
1. Students registering for performing organizations or applied music courses receive 1 semester hour credit for work over an entire semester (Blocks 1-4 or Blocks 5-8). Students may sign up in Block 1 or 5 and will receive their grade in Block 4 or 8 respectively.
2. Applied music study entails a special fee. See fee section of the catalog.
3. A minimum of five hours weekly practice is expected for each credit of registration. Students not willing to practice are advised not to register for applied music credit.
4. For each registration, students will receive twelve 1/2 hour lessons per semester.
5. Students are admitted to organ study upon demonstration of satisfactory piano skills.
6. Only 8 credits in applied music instruction may be applied toward graduation.
7. All applied music study requires permission of instructor.

MUSC 155. GUITAR. 1 semester hour.
MUSC 165. PIANO. 1 semester hour.
MUSC 175. ORGAN. 1 semester hour.
MUSC 185. VOICE. 1 semester hour.
NATURAL SCIENCE

NSCI 100. Physical Science.
Course designed to cover basic physics, chemistry, and Earth and space science.
PHYSICAL EDUCATION

Tusculum College aims at preparing students for employment and/or pursuit of further study at the graduate level in physical education. The mission of the physical education program is to prepare students qualified to seek employment in teaching physical education, coaching sports, recreational leadership, sport management, or wellness related and fitness enhancing fields. The department of physical education offers the following programs to achieve the above goal:

1. Teaching Licensure in Physical Education: Grades K-12
2. Sports Science Major
3. Sport Management Major
4. Coaching Minor
5. Coaching Endorsement

Students majoring in disciplines other than physical education may also seek the Coaching Minor or Coaching Endorsement.

SERVICE PROGRAM:

The department of physical education offers a rich service program of ELECTIVES for students, faculty, staff, and community to achieve physical fitness and wellness and development of sports skills for lifetime participation in leisure time activities. Participants may choose from numerous offerings such as Yoga, aerobics, aquatics, badminton, basketball, bowling, soccer, tennis, tumbling, volleyball, weight-training, etc.

Note: TC students can take an additional one credit hour activity course per semester without paying any extra fee provided the total number of hours does not exceed 17 for that semester.

1. Teaching Licensure in Physical Education Major: Grades K-12 (54 hours required within the major)

Major Area (Physical Education), Professional Education, General Education, and a Specialized Competency requirement within the physical education curriculum comprise this major. The Teaching Licensure major is approved by the Tennessee State Department of Education. The required 159 semester hours for this licensure include 54 semester hours in the Physical Education, 36 semester hours in Professional Education, and 69 semester hours in General Education. A detail of the course work is given below.

The Tennessee State Department of Education recommends that candidates seeking K-12 Physical Education licensure also prepare for licensure in an additional area.
Physical Education Competency Requirements for Teacher Licensure:
A total of thirteen competencies in eight areas must be validated to
earn a teaching licensure in physical education. Physical education
competencies are built into activity courses (and in one theory course
PHED 360) so a grade of "C-" or better indicates validation of the
competency. The instructor will identify those students who have
major weaknesses in the sport skill or fitness activity and identify
opportunities for improvement for the student.

**Major Area Curriculum**
Activity Courses (1 semester hour each.)
I. SAFETY, FIRST AID, AND CPR (1 required)
   PHED 115 Community First Aid, CPR, and Safety
II. PHYSICAL FITNESS (1 required)
   PHED 184 Aerobics
   PHED 185 Cardiovascular Fitness and Training
   PHED 186 Weight Training
   PHED 187 Walking, Jogging, and Running
III. SPORTS SKILLS (6 required)
   A. Indoor Individual and Dual Sports (2 required)
      PHED 173 Racquetball
      PHED 176 Bowling I
      PHED 177 Bowling II
      PHED 178 Badminton
      PHED 179 Table Tennis
   B. Outdoor Individual and Dual Sports (2 required)
      PHED 180 Tennis
      PHED 181 Archery
      PHED 182 Golf
   C. Indoor Team Sports (1 required)
      PHED 125 Volleyball
      PHED 126 Basketball
   D. Outdoor Team Sports (1 required)
      PHED 120 Softball
      PHED 122 Touch and Flag Football
      PHED 124 Soccer
IV. AQUATICS (1 required)
   PHED 160 Scuba Diving
   PHED 161 Beginning Swimming
   PHED 162 Intermediate Swimming
   PHED 163 Advanced Swimming
   PHED 164 Aquatics Safety
   PHED 165 Lifeguard Training
V. RHYTHMS AND DANCE (1 required)
   PHED 170 Rhythms and Dance
VI. TUMBLING AND GYMNASICS (1 required)
PHED 175 Tumbling and Gymnastics
VII. OUTDOOR LEISURE ACTIVITIES (1 required)
PHED 189 Roller Skating
PHED 190 Bicycling
PHED 195 Hiking/Backpacking
PHED 196 Canoeing
PHED 197 Horseback Riding
PHED 198 White-Water Rafting
PHED 199 Snow Skiing
VIII. FUNDAMENTAL MOTOR SKILLS (1 required)
The fundamental motor skills competency is offered in the theory
course PHED 360 Curriculum Design and Methods of Teaching
Elementary School Physical Education.
Physical Education Theory Courses
(PHED Theory Courses are 3 semester hours each)
PHED 200 Introduction & History of Physical Education & Athletics
PHED 201 Foundations of Physical Fitness and Wellness
PHED 251 Human Anatomy
PHED 252 Human Physiology
PHED 260 Contemporary Health Issues
PHED 270 Adaptive Physical Education
PHED 360 Curriculum and Methods of Teaching Elementary School
Physical Education
PHED 361 Curriculum and Methods of Teaching Secondary School
Physical Education
PHED 370 Measurement and Evaluation in Physical Education
PHED 374 Motor Development
PHED 375 Motor Learning
PHED 380 Kinesiology
PHED 390 Physiology of Exercise
PHED 395 Organization, Administration, and Supervision of Phys-
ical Education and Athletics
Professional Education Curriculum
EDUC 200 History, Philosophy, and Principles of Education
EDUC 320 Classroom Discipline and Management
HGLN 341 Learning Environments K-8 or
EDUC 342 Learning Environments K-12
EDUC 452 Orientation to Student Teaching
EDUC 457 Enhanced Student Teaching (K-12)
SPED 101 Survey of the Regular and Special Populations Within the
School Environment
General Education Curriculum
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric and Research
EVSC 111 Environmental Science
HIST 101 or 102 The West and the World I or II OR POLS 380 The Political Traditions of the West
HIST 201 or 202 U.S. History I or II
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Extended Freshman Experience
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Basic Concepts of the Visual Arts

2. Sports Science Major (58 hours required within the major)
Physical Education Competencies in Sports Science:

A total of twelve competencies in seven areas must be validated to earn a degree in Sports Science. Physical education competencies are built into activity courses so a grade of "C-" or better indicates validation of the competency. The instructor will identify those students who have major weaknesses in the sport skill or fitness activity and identify opportunities for improvement for the student.

Activity Courses (1 semester hour each)
I. SAFETY, FIRST AID, AND CPR (1 required)
PHED 115 Community First Aid, CPR, and Safety
II. PHYSICAL FITNESS (1 required)
PHED 184 Aerobics
PHED 185 Cardiovascular Fitness and Training
PHED 186 Weight Training
PHED 187 Walking, Jogging, and Running
III. SPORTS SKILLS (6 required)
A. Indoor Individual and Dual Sports (2 required)
PHED 173 Racquetball
PHED 176 Bowling I
PHED 177 Bowling II
PHED 178 Badminton
PHED 179 Table Tennis
B. Outdoor Individual and Dual Sports (2 required)
PHED 180 Tennis
PHED 181 Archery
PHED 182 Golf
C. Indoor Team Sports (1 required)
PHED 125 Volleyball
PHED 126 Basketball
D. Outdoor Team Sports (1 required)
PHED 120 Softball
PHED 122 Touch and Flag Football
PHED 124 Soccer
IV. AQUATICS (1 required)
PHED 160 Scuba Diving
PHED 161 Beginning Swimming
PHED 162 Intermediate Swimming
PHED 163 Advanced Swimming
PHED 164 Aquatics Safety
PHED 165 Lifeguard Training (3 hours)
V. RHYTHMS AND DANCE (1 required)
PHED 170 Rhythms and Dance
VI. TUMBLING AND GYMNAS TICS (1 required)
PHED 175 Tumbling and Gymnastics
VII. OUTDOOR LEISURE ACTIVITIES (1 required)
PHED 189 Roller Skating
PHED 190 Bicycling
PHED 195 Hiking/Backpacking
PHED 196 Canoeing
PHED 197 Horseback Riding
PHED 198 White-Water Rafting
PHED 199 Snow Skiing

PHED Theory Courses (3 semester hours each)
PHED 200 Introduction & History of Physical Education & Athletics
PHED 201 Foundations of Physical Fitness and Health
PHED 210 Recreational Leadership
PHED 215 Sports and Society
PHED 251 Human Anatomy
PHED 252 Human Physiology
PHED 260 Contemporary Health Issues
PHED 330 Psychological Dynamics of Sport and Physical Education
PHED 335 Managing Legal Aspects of Sport and Physical Education
PHED 370 Measurement and Evaluation in Physical Education
PHED 375 Motor Learning
PHED 380 Kinesiology
PHED 390 Physiology of Exercise
PHED 395 Organization, Administration, and Supervision of Physical Education and Athletics
ATEP 262 Basic Athletic Training (4 semester hours)

3. Sport Management Major (56 hours required within the major)
   This program combines knowledge and skills required for leaders
in athletics, sports, recreation, and fitness. By integrating management and marketing principles with sport and fitness components, students are prepared for job opportunities in sports management, recreation, athletics, and fitness settings and/or are prepared for graduate studies in sport management.

Physical Education Competency Requirement for Sport Management:
A total of seven competencies in four areas must be validated to earn a degree in sports management. Physical education competencies are built into activity courses so a grade of "C-" or better indicates validation of the competency. The instructor will identify those students who have major weaknesses in the sport skill or fitness activity and identify opportunities for improvement for the student.

Activity Courses (7 hours required)
Students are required to take the following courses (1 semester hour each):
I. SAFETY, FIRST AID, AND CPR (1 required)
PHED 115 Community First Aid, CPR, and Safety
II. PHYSICAL FITNESS (1 required)
PHED 184 Aerobics
PHED 185 Cardiovascular Fitness and Training
PHED 186 Weight Training
PHED 187 Walking, Jogging, and Running
III. SPORTS SKILLS (4 required)
A. Indoor Individual and Dual Sports (1 required)
PHED 173 Racquetball
PHED 176 Bowling I
PHED 177 Bowling II
PHED 178 Badminton
PHED 179 Table Tennis
B. Outdoor Individual and Dual Sports (1 required)
PHED 180 Tennis
PHED 181 Archery
PHED 182 Golf
C. Indoor Team Sports (1 required)
PHED 125 Volleyball
PHED 126 Basketball
D. Outdoor Team Sports (1 required)
PHED 120 Softball
PHED 122 Touch and Flag Football
PHED 124 Soccer
IV. AQUATICS (1 required)
PHED 160 Scuba Diving
PHED 161 Beginning Swimming
PHED 162 Intermediate Swimming
PHED 163 Advanced Swimming
PHED 164 Aquatics Safety
PHED 165 Lifeguard Training (3 hours)

**Theory Courses (49 hours required)**
PHED 200 Introduction & History of Physical Education & Athletics (3 hours)
PHED 240 Introduction to Sports Management
PHED 210 Recreational Leadership (3 hours)
PHED 215 Sports and Society (3 hours)
PHED 289 Sports Officiating Practicum (1 hour)
PHED 290 Sports Officiating (3 hours)
PHED 330 Psychological Dynamics of Sport and Physical Education (3 hours)
PHED 335 Managing Legal Aspects of Sport and Physical Education (3 hours)
PHED 395 Organization, Administration, and Supervision of Physical Education and Athletics (3 hours)
PHED 451 Sports Management Internship
BUSN 210 Principles of Management
BUSN 211 Accounting Principles I
BUSN 213 Interpersonal Communication in Organizations
PHED 310 Principles of Sport Marketing
PHED 322 Principles of Sport Finance

**NOTE:** The coaching minor and the coaching endorsement may be added to any other program of study at Tusculum College and can provide useful preparation for those who anticipate coaching in the future.

**4. Coaching Minor (21 hours are required)**
PHED 115 Community First Aid, CPR, and Safety
PHED 289 Sports Officiating Practicum (1 semester hour)
PHED 290 Sports Officiating (3 semester hours)
PHED 330 Psychological Dynamics of Sport and Physical Education (3 semester hours)
PHED 335 Managing Legal Aspects of Sport and Physical Education (3 semester hours)
ATEP 262 Basic Athletic Training

*Choose any two of the following (3 semester hours each):*
PHED 291 Coaching of Volleyball
PHED 292 Principles of Coaching Football
PHED 293 Coaching of Soccer
PHED 294 Coaching of Basketball
PHED 295 Coaching of Baseball
PHED 296 Coaching of Slow and Fast Pitch Softball
PHED 297 Coaching of Cross Country/Track and Field
5. Coaching Endorsement (11-12 hours required)

The coaching endorsement may be added to any other program of study at Tusculum College. The following courses are required:

PHED 115 Community First Aid, CPR, and Safety
ATEP 262 Basic Athletic Training

*Choose any two of the following:*

PHED 289/290 Officiating Games and Sports (4 hours total)
PHED 291 Coaching of Volleyball
PHED 292 Principles of Coaching Football
PHED 293 Coaching of Soccer
PHED 294 Coaching of Basketball
PHED 295 Coaching of Baseball
PHED 296 Coaching of Slow and Fast Pitch Softball
PHED 297 Coaching of Cross Country/Track and Field

**Course Descriptions: Activity Courses**

Activity courses are 1 semester hour each. Activity courses taken for elective credit may be taken pass-fail or graded.

**PHED 115. COMMUNITY FIRST AID, CPR, AND SAFETY.** 1 semester hour.
Designed to assist the students develop knowledge and skills in First Aid, CPR, and Safety. Red Cross Certification is possible.

**PHED 120. SOFTBALL.** 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in softball.

**PHED 122. TOUCH AND FLAG FOOTBALL.** 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in touch and flag football.

**PHED 124. SOCCER.** 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in soccer.

**PHED 125. VOLLEYBALL.** 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in volleyball.

**PHED 126. BASKETBALL.** 1 semester hour.
Designed to develop knowledge, skills, and safety measures involved in basketball.

**PHED 160. SCUBA DIVING.** Fee Required. 1 semester hour.
Prerequisite: Swimming proficiency test and sound health. Designed to prepare students for certification in beginning scuba diving.
PHED 161. BEGINNING SWIMMING. 1 semester hour.
Designed for beginning students who possess little or no deep water
skills as well as for students wishing to develop swimming strokes.
Students will be provided opportunities to develop aquatic knowledge,
safety skills, and American Red Cross swimming strokes.

PHED 162. INTERMEDIATE SWIMMING. 1 semester hour.
Designed to develop intermediate level knowledge, safety measures,
and techniques of American Red Cross swimming strokes.

PHED 163. ADVANCED SWIMMING. 1 semester hour.
Designed for students who possess intermediate swimming skills and
wish to attain advanced level skill in American Red Cross swimming
strokes.

PHED 164. AQUATIC SAFETY. 1 semester hour.
Designed to prepare students attain the equivalence of the American
Red Cross course "Community Water Safety." Safety skills and swimming strokes will be covered.

PHED 165. LIFEGUARD TRAINING. 3 semester hours.
Prerequisite: Swimming Skills Test. Designed to prepare students to
attain American Red Cross Certification in Lifeguarding.

PHED 170. RHYTHMS AND DANCE. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in vari-
ous forms of dance and rhythmic activities.

PHED 173. RACQUETBALL. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in rac-
quettball.

PHED 175. TUMBLING AND GYMNASTICS. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in tum-
bling and gymnastics.

PHED 176. BEGINNING BOWLING. Fee required. 1 semester hour.
Designed to develop basic knowledge, safety measures, and skills in bowling.

PHED 177. INTERMEDIATE BOWLING. Fee Required. 1 semester hour.
Designed to further develop knowledge, safety measures, and skills at intermediate level of bowling.

PHED 178. BADMINTON. 1 semester hour.
Designed to develop knowledge, safety measures, and skills of play-
ing badminton.
PHED 179. TABLE TENNIS. 1 semester hour. 
Designed to develop basic knowledge, safety measures, and skills of playing table tennis.

PHED 180. TENNIS. 1 semester hour. 
Designed to develop knowledge, safety measures, and skills of playing tennis.

PHED 181. ARCHERY. 1 semester hour. 
Designed to develop knowledge, safety measures, and skills of archery.

PHED 182. GOLF. Fee required. 1 semester hour. 
Designed to develop knowledge, safety measures, and skills in golf.

PHED 184. AEROBICS. 1 semester hour. 
Designed to develop knowledge, safety measures, and skills for improving cardiovascular fitness.

PHED 185. CARDIOVASCULAR FITNESS AND TRAINING. 1 semester hour. 
Prerequisite: No health limitations. Designed to develop knowledge, safety measure, and skills in developing cardiovascular fitness.

PHED 186. WEIGHT TRAINING. 1 semester hour. 
Prerequisite: No health limitations. Designed to develop knowledge, safety measures, and skills in weight training.

PHED 187. WALKING, JOGGING, AND RUNNING. 1 semester hour. 
Designed to develop knowledge, safety measures, and skills in walking, jogging, and running for attaining cardiovascular fitness.

PHED 189. ROLLER SKATING. 1 semester hour. 
Designed to develop knowledge, safety measures, and basic skills in roller skating.

PHED 190. BICYCLING. 1 semester hour. 
Designed to develop knowledge, safety measures, and skills in bicycling.

PHED 195. HIKING and BACKPACKING. 1 semester hour. 
Designed to develop knowledge, safety measures, and basic skills in hiking/backpacking.

PHED 196. CANOEING. 1 semester hour. 
Designed to develop knowledge, safety measures, and skills in canoeing.

PHED 198. WHITEWATER RAFTING. Fee required. 1 semester hour. 
Designed to develop knowledge, safety measures, and skills in whitewater rafting.
PHED 199. SNOW SKIING. Fee required. 1 semester hour.
Designed to develop knowledge, safety measures, and skills in snow skiing.

**Course Descriptions: Theory Courses**

PHED 200. INTRODUCTION AND HISTORY OF PHYSICAL EDUCATION AND ATHLETICS. 3 semester hours.
Designed to introduce the students to the historical and philosophical foundations of physical education and athletics and, thus, assist them in developing their own personal philosophy of physical education. Discussion of various professional issues, goals, and principles of physical education is an important part of this course. Competency: Writing.

PHED 201. FOUNDATIONS OF PHYSICAL FITNESS & WELLNESS. 3 semester hours.
Designed to help students develop physical fitness and wellness. Competency: Self-Knowledge.

PHED 206. TEACHING AQUATICS/LIFEGUARD INSTRUCTOR (LGI). 3 semester hours.
Prerequisite: Red Cross Lifeguarding Certification, and a swimming proficiency test. Designed to develop knowledge, safety measures, and skills to teach the Red Cross Lifeguarding course. Students may earn the Red Cross Lifeguard Instructor (LGI) certification. Competency: negotiated.

PHED 207. TEACHING AQUATICS/WATER SAFETY INSTRUCTOR (WSI). 3 semester hours.
Prerequisite: Red Cross First Aid & CPR certification recommended, and a swimming proficiency test. Designed to develop knowledge, safety measures, and skills in teaching water safety courses. Students may earn the Red Cross Water Safety Instructor certification. Competency: negotiated.

PHED 210. RECREATIONAL LEADERSHIP. 3 semester hours.
Designed to develop knowledge of recreational leadership. Principles, techniques, and essentials of programming are taught. Competency: Civility.

PHED 215. SPORT AND SOCIETY. 3 semester hours.
After successful completion of this course, the student will demonstrate an understanding of 1) the role of sports in the development of society, 2) current social issues in sports, and 3) the role of sport as it influences lifestyle and societal and political change. Competency: Ethics of Social Responsibility.
PHED 240. INTRODUCTION TO SPORTS MANAGEMENT. 3 semester hours.
The purpose of this course is to provide an analysis of the body of
knowledge associated with pursuing a career in sport management.
Students will be introduced to the theoretical and applied foundations
of sport management and become aware of the depth of the sport in-
dustry.

PHED 244. YOGA SCIENCE, PHILOSOPHY AND PRACTICE. 3 semi-
ster hours.
This course is designed to develop students’ knowledge of the science
and philosophy of yoga and to help them understand how practicing
yoga can enhance a person’s health and wellness. The course includes
practicing asanas and breath harnessing exercises in addition to lec-
tures on science and philosophy of yoga. Any Tusculum College stu-
dent can take this course as an elective. Competency: Self-Knowledge.

PHED 251. HUMAN ANATOMY. 3 semester hours.
After successful completion of this course, the student will demon-
strate knowledge and skill regarding basic structure of the human body.
This course is designed to prepare the physical education major for
further study of kinesiology and exercise physiology. The course will
include both classroom and laboratory work. Competency: Critical
Analysis.

PHED 252. HUMAN PHYSIOLOGY. 3 semester hours.
Prerequisite: PHED 251. After successful completion of this course, the
student will demonstrate knowledge and skill regarding basic func-
tion of the human body. This course is designed to prepare the physi-
cal education major for further study of kinesiology and exercise physi-
ology. The course will include both classroom and laboratory work. Competency: Critical Analysis.

PHED 260. CONTEMPORARY HEALTH ISSUES. 3 semester hours.
Designed to develop knowledge of current personal, school, and so-
cial health issues and how they relate to local, national and interna-
tional health and wellness. Students will be introduced to health cur-
riculum and teaching methods. Competency: Writing.

PHED 270. ADAPTIVE PHYSICAL EDUCATION. 3 semester hours.
Prerequisite: Sophomore standing. Designed to develop knowledge,
safety measures, and skill in teaching physical activity and sports skills
classes for exceptional students. It includes lecture and laboratory work.
Competency: Critical Analysis.
PHED 289. SPORTS OFFICIATING PRACTICUM. 1 semester hour. Prerequisite: Previous or concurrent enrollment in PHED 290. This course is designed to provide students with hands-on supervised experience in sports officiating. The practicum runs throughout an entire semester. PHED 289 may be repeated once for a total of two semester hours by arranging to officiate for different sports in the second registration.

PHED 290. OFFICIATING OF GAMES AND SPORTS. 3 semester hours. Designed to develop knowledge, safety measures, and skills in officiating various sports. Competency: Ethics of Social Responsibility.

PHED 291. COACHING OF VOLLEYBALL. 3 semester hours. Designed to develop knowledge, safety measures, and skills of coaching volleyball. Competency: Writing.

PHED 292. COACHING OF FOOTBALL. 3 semester hours. Designed to develop knowledge, safety measures, and skills of coaching football. Competency: Public Speaking.

PHED 293. COACHING OF SOCCER. 3 semester hours. Designed to develop knowledge, safety measures, and skills in coaching soccer. Competency: Public Speaking.

PHED 294. COACHING BASKETBALL. 3 semester hours. Designed to develop knowledge, safety measures, and skills of coaching basketball. Competency: Public Speaking.

PHED 295. COACHING OF BASEBALL. 3 semester hours. Designed to develop knowledge, safety measures, and skills of coaching baseball. Competency: Public Speaking.

PHED 296. COACHING OF SLOW/FAST PITCH SOFTBALL. 3 semester hours. Designed to develop knowledge, safety measures, and skills in coaching slow and fast pitch softball. Competency: Public Speaking.

PHED 297. COACHING OF CROSS COUNTRY/TRACK & FIELD. 3 semester hours. Designed to develop knowledge, safety measures, and skills of coaching cross country and track and field. Competency: Public Speaking.

PHED 310. PRINCIPLES OF SPORT MARKETING. The relevant areas of marketing are applied to sport. Special emphasis is placed on the principles, policies, and strategies utilized to market the unique product of sport. Attention is focused on the importance of
public attitudes, opinions, and demographics as well as the design and construction of market research instruments and corporate sponsorship proposals.

PHED 322. PRINCIPLES OF SPORT FINANCE.
Basic financial and managerial concepts are examined and applied to the sport industry. Special emphasis will be placed on principles, policies, and plans for increasing revenue through the economic impact analysis of sporting events and controlling costs in the sport industry. Attention will be given to the procurement, distribution, repayment, and impact of multiple funding methods utilized for stadium and sport facility construction.

PHED 330. PSYCHOLOGICAL DYNAMICS OF SPORT AND PHYSICAL EDUCATION. 3 semester hours.
Prerequisite: Junior standing. This course is designed to develop theoretical knowledge of human psychology for practical implications in the field of sports and physical education. Lab experiences will complement the knowledge gained from lecture classes. Competency: Analytical Reading.

PHED 335. MANAGING LEGAL ASPECTS OF SPORT AND PHYSICAL EDUCATION. 3 semester hours.
Prerequisites: PHED 200 and junior standing. This course is designed to provide the students with knowledge of issues and strategies to manage the legal aspects of their professional lives as coaches, teachers, trainers, sports administrators, and exercise specialists. Competency: Critical analysis.

PHED 360. CURRICULUM DESIGN AND TEACHING METHODS FOR ELEMENTARY SCHOOL PHYSICAL EDUCATION. 3 semester hours.
Prerequisite: Must have been admitted to teacher education program and have a junior standing. Designed to provide the prospective teachers with knowledge and experiences of planning and delivering effective instructional programs in movement education at elementary school level. Competency: Self-Knowledge.

PHED 361. CURRICULUM DESIGN AND TEACHING METHODS FOR SECONDARY SCHOOL PHYSICAL EDUCATION. 3 semester hours.
Prerequisite: Must have been admitted to teacher education program and have a junior standing. Designed to provide prospective teachers with knowledge and experiences of planning and delivering effective instructional programs in physical education activities suitable to secondary school settings. Competency: Critical Analysis.
PHED 370. MEASUREMENT AND EVALUATION IN PHYSICAL EDUCATION. 3 semester hours.
Prerequisite: MATH 215 and junior standing. Designed to develop knowledge and skills of utilizing various instruments in measuring and evaluating physical fitness, motor ability, and performance of sports skills as well as the development of grading techniques. Competency: Critical Analysis.

PHED 374. MOTOR DEVELOPMENT. 3 semester hours.
This course is designed to enrich students' knowledge of how motor skills develop or deteriorate throughout the life span as a result of maturation and aging. This course will prepare students to apply their knowledge of motor development in teaching motor skills in all professional settings, i.e. K-12 schools, community recreation programs, senior citizen centers, etc. It includes lecture and laboratory course work. Competency: Critical Analysis.

PHED 375. MOTOR LEARNING. 3 semester hours.
Students attain knowledge of major concepts and principles of motor learning and their application to professional settings. It includes lecture and laboratory course work. Competency: Analytical Reading. Prerequisite: junior standing.

PHED 380. KINESIOLOGY. 3 semester hours.
Prerequisite: PHED 251. Designed to develop knowledge and skill in the anatomical and mechanical analysis of human movement. It includes lecture and laboratory course work. Competency: Critical Analysis.

PHED 390. PHYSIOLOGY OF EXERCISE. 3 semester hours.
Prerequisite: PHED 252. Designed to study the function of the human body under the stress of exercise. The student will demonstrate skill in planning fitness and sports training programs. The course includes lecture and laboratory work. Competency: Critical Analysis.

PHED 395. ORGANIZATION, ADMINISTRATION, AND SUPERVISION OF PHYSICAL EDUCATION AND ATHLETICS. 3 semester hours.
Prerequisite: PHED 200 and junior standing. Designed to provide the students with knowledge of the principles and methods of administration, organization, and supervision of physical education, intramurals, and interscholastic sports programs. Competency: Public Speaking.

PHED 400. TEACHING ASSISTANT PRACTICUM. 2 semester hours.
Prerequisite: Junior or senior standing in physical education or sports management and written approval of the instructor. Designed to dev-
elop class management techniques through learning by doing. Seventy-two clock hours of practicum required. May be taken concurrently with other courses. May be repeated once for credit. Competency: negotiated.

PHED 401. COACHING ASSISTANT PRACTICUM. 2 semester hours. Prerequisite: Senior standing and written approval of the instructor. Designed to develop coaching techniques through learning by doing. Seventy-two clock hours of practicum required. May be taken concurrently with other courses. May be repeated once for credit. Competency: negotiated.

PHED 451. INTERNSHIP IN SPORTS MANAGEMENT. Prerequisites: PHED 335, PHED 395, and senior standing as a sports management major. This course is designed to be a supervised culminating experience of 144 clock hours for the sports management major. The student will be placed in an on-campus or off-campus sports management setting and be supervised by faculty in the physical education department. Competency: negotiated.
Charges may be placed on the student’s account for laboratory equipment broken or damaged as a result of student negligence.

COURSE DESCRIPTIONS

PHYS 101-102. GENERAL PHYSICS I and II.
Survey course in general concepts of physics, including mechanics, heat, electricity, magnetism, optics, and introductory modern physics. This is a continuation course that is offered over two consecutive blocks. Competency: Public Speaking. Prerequisites: MATH 102 or permission of the instructor. Offered every other year.
POLITICAL SCIENCE AND PRE-LAW

The major and minor programs in Political Science constitute the most specific accompaniment to the Commons courses that educate for citizenship. The analytical rigor involved in Political Science courses makes these programs a good choice for a student who has not yet clarified his/her life-long occupational goals but who seeks to hone her/his abilities to think both broadly and critically and to learn to express complex views both orally and in written form. And these programs provide specific preparation for students already focused on careers in government or the teaching of the social sciences or who plan to undertake further study as a prelude to public involvement as an attorney, a civil servant, or a community leader.

Political Science Major
Students majoring in Political Science are required to complete ten courses (40 hours) in Political Science, including POLS 203 (American Government), POLS 205 (Comparative Government), POLS 209 (World Politics), POLS 375 (Origins of the Civic Republican Tradition) and either POLS 325 (Constitutional Interpretation) or POLS 335 (Civil Rights and Liberties). BUSN 201 (Principles of Economics I) is an allied field requirement.

POLS 203 American Government
POLS 205 Comparative Government
POLS 209 World Politics: Current Events and their Roots in the Past
POLS 325 or 335 Constitutional Interpretation/Civil Rights and Liberties
POLS 375 Origins of the Civic Republican Tradition
BUSN 201 Principles of Economics I
Choose five additional courses, including either
POLS 360 American Foreign Policy or
POLS 446 International Law
and at least two of the following:
POLS 207 State and Local Government
POLS 310 The Presidency and Public Policy
POLS 315 Congress and Public Policy
POLS 325 Constitutional Interpretation OR
POLS 335 Civil Rights and Liberties
POLS 420 Political Behavior
Other acceptable courses (may select only one):
POLS 350 Special Topics
POLS 451 Internship
POLS 452 Government Internship
Political Science Minor
POLS 203 American Government
POLS 209 World Politics: Current Events and Their Roots in the Past
POLS 325 or 335 Constitutional Interpretation/Civil Rights and Liberties
and any other two courses in Political Science with the approval of the Department Chair.

Independent Major
Students interested in doing so may design an independent major combining Political Science with courses from related areas (e.g. History, Business, Psychology etc.). Detailed requirements for an independent major can be found in the section titled "Independent Program of Study" that appears in the Academic Policies section of the catalog.

Political Science Internships
For students whose program of study and intended career objective would benefit from the practical experience that an internship would provide, internships in local offices of federal, state and local governments may be available. Internship credit does not normally count towards the 10 courses required for the major or the 5 courses for the minor, but a one course exception may be granted upon petition to the Department Chair.

Pre-Law
While law schools have no officially preferred undergraduate major, Political Science, particularly as taught at Tusculum, is the major that is most involved in the study of law and its context in the Western and American traditions. Students interested in law school should consult with the College’s Pre-Law Advisor, regardless of their choice of a major, for suggestions on specific courses to take to best prepare them for their law school experience.

Course Descriptions

POLS 203. AMERICAN GOVERNMENT.
The formation and development of the national government, its structure and powers, and its relationship to state and local governments. Offered every year. Competencies: Analytical Reading, Critical Analysis.

POLS 205. COMPARATIVE GOVERNMENT.
An examination of the ways in which different peoples govern themselves and cope with the forces of globalization. Prerequisite: POLS 203. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every other year.
POLS 207. STATE AND LOCAL GOVERNMENT.
The organization and operation of state, county, city, and other local units of government. Special attention to Tennessee government. Prerequisite: POLS 203. Competencies: Analytical Reading and Writing. Offered every third year.

POLS 209. WORLD POLITICS: CURRENT EVENTS AND THEIR ROOTS IN THE PAST.
An examination of key elements of today’s world such as terrorism and the challenges to sovereignty in the context of historical aspects of the international system such as balance of power politics, nationalism and the role of ideologies. Competencies: Critical Analysis and Writing. Offered every other year.

POLS 310. THE PRESIDENCY AND PUBLIC POLICY.
A study of the role of the Chief Executive in the American governmental system with an emphasis on his role in making public policy and the nature of the relationships that have emerged with the other branches of government. Prerequisite: POLS 203. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every third year.

POLS 315. CONGRESS AND PUBLIC POLICY.
A study of the institutional structure and operation of Congress, the politics of public policy, and executive-legislative relations. Prerequisite: POLS 203. Competencies: Critical Analysis and Writing. Offered every third year.

POLS 325. CONSTITUTIONAL INTERPRETATION.
The nature and development of constitutional law with emphasis on modes of constitutional interpretation and the place of the Supreme Court within the American political system. Prerequisite: POLS 203. Competencies: Analytical Reading and Critical Analysis. Offered every other year.

POLS 335. CIVIL RIGHTS AND LIBERTIES.
An examination of selected issues in civil rights and liberties. Topics may include due process, free speech, religious liberty, the establishment clause, the right to bear arms, property rights and voting rights. Prerequisite: POLS 203. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every year.

POLS 350. SPECIAL TOPICS.
(Maximum of four hours for independent majors. Not available for minors in Political Science). A flexible course, with advanced formal research requirements intended to serve as an instrument for examin-
POLS 360. AMERICAN FOREIGN POLICY.
A study of the topic that begins with an examination of the various sources of our traditional policy of isolationism, proceeds to examine the purposes and methods of pursuing our national goals with respect to the rest of the world in the post-World War II era and concludes with an analysis of the choices open to the United States as the world’s pre-eminent power at the beginning of the 21st Century. Competencies: Critical Analysis and Ethics of Social Responsibility. Offered every third year.

POLS 375. ORIGINS OF THE CIVIC REPUBLICAN TRADITION.
Examines the political ideas of Plato, Aristotle and Cicero as coherent systems in their right, but also as reactions to the history of the political conflicts of their era. Prerequisite: HIST 325, or permission of the instructor. Competencies: Analytical Reading and Ethics of Social Responsibility. Offered every other year.

POLS 380. THE POLITICAL TRADITIONS OF THE WEST.
This course will acquaint the student with the republican tradition of responsible and virtuous citizenship and of the individual rights tradition as they were developed in Europe and America. Some consideration will be given to the relevance of these traditions for the world at large in the twenty-first century.

POLS 420. POLITICAL BEHAVIOR.
A broad survey of political behavior in America. Topics may include political parties, elections, direct political action, mass media, and interest groups. Prerequisite: POLS 203. Competencies: Analytical Reading and Critical Analysis. Offered every third year.

POLS 446. INTERNATIONAL LAW.
The origin, development, and principles of international law and the place of law in the international community. Prerequisite: POLS 203 or permission of the instructor. Competencies: Analytical Reading and Critical Analysis. Offered every third year.

POLS 451. INTERNSHIP. 1-12 semester hours, maximum of 12 hours.
A work study internship with a private non-governmental agency, such
as a law firm or social service agency, that enhances student understanding of government service or the legal profession. Limited to students in the social sciences or pre-law students. Prerequisites: Junior or senior standing, POLS 203. Competencies: Self-knowledge and Civility. Offered on demand.

POLS 452. GOVERNMENT INTERNSHIP. 1-16 hours, maximum of 16 hours.
A work study internship with a national, state, or local unit of government that allows the student to gain firsthand experience with government or government-related operations. Limited to students majoring in disciplines with a specific relationship to the enterprise of government. Prerequisites: Junior or senior standing, POLS 203. Competencies: Self-knowledge and Civility. Offered on demand.
**PRE-PROFESSIONAL PROGRAMS**

Please see HISTORY AND POLITICAL SCIENCE for Pre-Law Studies and BIOLOGY for Medical Pre-Professional, Medical Technology, and Pre-Pharmacy Studies.

**MEDICAL PRE-PROFESSIONAL**

Please see BIOLOGY for Medical Pre-Professional studies.

**PRE-PHARMACY**

Please see BIOLOGY for Pre-Pharmacy studies.
PSYCHOLOGY

This major provides students with a broad exposure to the field of psychology while encouraging the development of the Civic Arts that characterize the Tusculum College curriculum. The program strongly emphasizes the integration of classroom knowledge with real-life applications. We also emphasize the role of empiricism in psychology; that is, students come to understand how theories are supported by data gathering and experimental evidence, and they develop critical thinking skills to evaluate research contributions to the field.

Majors in psychology at Tusculum may be planning graduate study in research-oriented programs, or they may be seeking to build the skills and knowledge to work at a Bachelor’s level. A wide range of courses is offered, covering current emphases in psychology as well as traditional topics. In addition, students can work in an agency setting during an internship that builds job-related skills, and they have the option of conducting an independent research project under the direction of a faculty member. For those with special interests, independent study may be arranged in areas not covered by a scheduled course.

There is an active group of psychology majors on this campus. Psychology majors have a number of opportunities to participate in special activities, including class trips to courtrooms and residential treatment centers, participation in the Southeastern Psychological Association annual meeting, and cross-cultural experiences in the southern United States.

Psychology majors are provided with advice on job searches and graduate school preparation. Our graduates go to work at mental health centers, social service programs, or other jobs related to the major, or continue their education at graduate schools.

The psychology program is closely connected with the teacher education major; education students take at least two psychology courses as part of their major, education majors seeking a minor in psychology take five psychology courses in addition to the ones required by the education program and students seeking secondary licensure in psychology will take five psychology courses in addition to their general and professional education courses.

Psychology Department Retention Standard
Starting with the fall 2004 class, all psychology majors must have a major grade point average of 2.5 or better by the end of their third course that applies to the major to be retained in the Psychology Program; thereafter, majors’ GPAs will be reviewed every second semester. Exceptions to this policy may be made at the discretion of the Psychology Department.
Psychology Major
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 205 Theories of Personality
PSYC 220 Abnormal Psychology
PSYC 221 Social Psychology
PSYC 310 Introduction to Research Methodology & Experimentation
PSYC 315 Cognition
PSYC 331 Introduction to Psychotherapy & Counseling or
PSYC 335 Introduction to Behavior Change Techniques
PSYC 345 Physiological Psychology
PSYC 400 Senior Seminar
PSYC 415 Theories & Systems of Psychology
TOTAL: 44 semester hours

Psychology-Teaching Licensure—Grades 9-12
The following program leads to licensure with an endorsement in Psychology, for teaching grades 9-12. The program is comprised of 145 semester hours, as follows:
Major - 40 hours
Professional Education - 36 hours
General Education - 69 hours

Major Curriculum
EDUC 419 Content Area Reading
PSYC 205 Theories of Personality
PSYC 220 Abnormal Personality
PSYC 221 Social Psychology
PSYC 310 Introduction to Research Methods & Experimentation
PSYC 315 Cognition
PSYC 345 Physiological Psychology
PSYC 400 Senior Seminar
PSYC 415 Theories and Systems of Psychology
Choose one of the following:
PSYC 331 Introduction to Psychotherapy & Counseling
PSYC 335 Introduction to Behavioral Change Techniques

Professional Education Curriculum
EDUC 200 History and Philosophy of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
EDUC 342 Learning Environments 7-12
EDUC 452 Student Teaching Seminar
EDUC 456 Enhanced Student Teaching: Secondary (12 hours)
SPED 101 Survey of the Regular and Special Populations Within the School Environment

General Education (69 hours)
CICS 100 Computers as a Tool
CISC 216 Computers as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Research, and Rhetoric
EVSC 111 Environmental Science
GEOG 200 Introduction to Geography
HIST 101/2 The West & the World I or II OR POLS 380 The Political Traditions of the West
HIST 201/2 U.S. History Survey I or II
MATH 102 College Algebra
MATH 215 Elementary Statistics
OREN 105 Extended Freshman Experience
PHED 201 Foundations of Personal Fitness and Wellness
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology I
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions

Choose one of the following:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art

**Psychology Minor**
The minor in Psychology requires the completion of five psychology courses.
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 205 Theories of Personality
PSYC 221 Social Psychology

Choose any one of the following:
PSYC 215 Cross Cultural Psychology
PSYC 220 Abnormal Psychology
PSYC 230 Impact of Gender
PSYC 231 Psychology and the Law
PSYC 300 Special Topics
PSYC 315 Cognition
PSYC 345 Physiological Psychology
TOTAL: 20 semester hours

**Course Descriptions**

PSYC 160. CAREER OPTIONS IN-PSYCHOLOGY. 1/2 credit hour.
This course is meant to provide students with an early exposure to the field of psychology and an opportunity to develop educational and career goals as well as information literacy skills. This course will help the student to identify the types of academic experience and
performance in psychology and the liberal arts that will facilitate entry into the work force, post-baccalaureate education, or both. It is open to freshmen and sophomore students, majors and non majors. Competency: Critical analysis. Offered every year in the fall semester only.

PSYC 101. ESSENTIALS OF PSYCHOLOGY.
The course introduces the student to the field of psychology by concentrating on the basic methods of research; growth and development; perceptual processes and cognition; motivation and emotion; and mental health problems and therapeutic solutions. Competency: Analytical Reading. Offered every year.

PSYC 200. DEVELOPMENTAL PSYCHOLOGY.
This course provides an introduction to human development, with emphasis on the period from birth through adolescence. Physical, cognitive, language, and social-emotional development will be covered. Specific topics include the impact of the family, peers, and schooling, and the influence of early experiences on cognitive and social-psychological development. Current patterns of adult development and myths about aging will be explored. Competency: Writing. Prerequisite: PSYC 101. Offered every year.

PSYC 205. THEORIES OF PERSONALITY.
Students will closely examine a number of personality theories that are representative of the various paradigms within the field of psychology. The lives of the theorists as well as the evolution of their ideas will be traced; their contributions, both theoretical and applied, will be evaluated. Emphasis will be on reading and analysis of original theoretical and applied writings. Competency: Analytical Reading. Prerequisite: PSYC 200. Offered every year.

PSYC 210. ADULTHOOD AND AGING.
This course will examine adult development and aging in detail, with emphasis on recent studies in this area. Traditional views of physical, cognitive, and psycho-social development will be compared with the realities of adult lifestyles in the present society. The field of gerontology (study of older adults) will be investigated in detail, with emphasis on the many dilemmas facing society as the proportion of older adults increases dramatically, and the impact of terminal illness will be considered. The course will include exercises to assist students in developing a scientific approach and in integrating course material with their expectations for the future. Competency: Public Speaking. Prerequisite: PSYC 200.

PSYC 215. CROSS CULTURAL PSYCHOLOGY.
In this course students will explore the diversity of human psycho-
logical functioning across cultures. Students will develop a sensitivity to cultural differences in a wide range of areas such as child-rearing, gender roles, achievement orientations, perceptions of time, space, and the environment, definitions of mental illness, expressions of pain and grief, and personal comfort zones. The course will focus on both foreign cultures and minorities within the United States. Cross-cultural research issues will be explored. Competency: Civility. Prerequisites: PSYC 101, one other Psychology course, and permission of instructor. Offered every other year.

PSYC 220. ABNORMAL PSYCHOLOGY.
This course will introduce students to the field of abnormal psychology through an examination of behavioral, cognitive, and physical symptoms that distinguish the various disorders. The biological and behavioral antecedents to abnormal psychological conditions will be examined, with emphasis on the impact of interacting biological and environmental factors. Competency: Ethics of Social Responsibility. Prerequisite: PSYC 205 or permission of the instructor. Offered every year.

PSYC 221. SOCIAL PSYCHOLOGY.
This course will examine how individuals think about, influence, and relate to one another, and the impact of social situations on the individual. Students will gain an understanding of: the relationships between attitudes and behavior; how we explain our own and others’ behavior; cultural influences on behavior; why we conform with others’ expectations and how we can resist social pressure; the roots of aggression, altruism and prejudice; and the development of attraction and love. Throughout the course, theoretical information will be applied to situations and dilemmas in our current society. Students will be encouraged not only to develop a scientific approach to their thinking about social situations but also to recognize the influence of cultural and personal values in all scientific inquiry. Competency: Ethics of Social Responsibility. Prerequisite: PSYC 101.

PSYC 230. THE IMPACT OF GENDER.
In the 1990s, women and men in American society face a multitude of issues that impact their citizenship roles. A number of these issues are influenced by the gender roles that have been historically assigned to females and males. This class will explore the biological and historical roots of our gender roles and the extent to which these roles impact our behaviors in our personal as well as our public lives. Competency: Public Speaking.

PSYC 231. PSYCHOLOGY AND THE LAW.
This course will examine the law primarily from a psychological perspective, concentrating on the behaviors of individuals and how
individual characteristics interact with the legal environment. Students will review landmark court decisions, research reports, and other noteworthy documents and will be encouraged to view themselves as participants in the legal system by virtue of their membership in this society. Specific topics to be covered will include theories of criminal behavior, the role of the police, eyewitness testimony, evaluation of suspects, changing definitions of competence and insanity, jury selection and deliberation, and the sentencing process. Emerging trends in law and law enforcement encompassing psychological principles will also be examined. Competency: Critical Analysis. Prerequisite: PSYC 101. Offered every other year.

PSYC 300. SPECIAL TOPICS.
This course provides intensive study of a selected topic in psychology. Topics will be chosen by the instructor and may include areas of investigation such as learning, psychopharmacology, health psychology, Eastern approaches, marriage and family, etc. Competency: negotiated. Prerequisite: PSYC 101 or permission of instructor.

PSYC 305. EDUCATIONAL PSYCHOLOGY.
This course examines the application of psychological science to learning and cognitive approaches to teaching. The issues of development, cognition, learning, and motivation will be covered in relationship to the teaching process. Classroom management techniques and effective teaching strategies will also be covered. Competency: Self-Knowledge. Prerequisite: PSYC 200; for Education students: EDUC 200. Offered every year.

PSYC 310. INTRODUCTION TO RESEARCH METHODOLOGY AND EXPERIMENTATION.
Students will examine current research methodology and experimental procedures that characterize the field of psychology. In order to have a working understanding of research and experimentation, emphasis will be on students devising and evaluating their own research efforts. The ethical issues surrounding today’s research techniques will also be highlighted. Competency: Critical Analysis. Prerequisites: PSYC 101, MATH 215, two additional PSYC courses, and/or permission of instructor. Offered every year.

PSYC 315. COGNITION.
Students will examine the processes of human thinking and how they relate to behavior. Among the topics to be covered are: information processing approaches; perception and attention; memory; the ways in which knowledge is represented and organized; and complex cognitive skills such as language, problem solving, and creativity. The class will combine lecture, student presentations, and experi-
ential learning activities, all of which will emphasize a research-based, empirical approach to this area of human functioning. We will also consider real-world applications of the newest findings. Competency: Analytical Reading. Prerequisites: At least three other psychology courses. Offered every other year.

PSYC 331. INTRODUCTION TO PSYCHOTHERAPY AND COUNSELING.
The principles and procedures of psychotherapeutic and counseling approaches will be studied and practiced in this course. Students will gain practical experience while dealing with issues such as establishing client rapport and selecting appropriate therapeutic techniques. Both individual and group approaches will be examined. Competency: Critical Analysis. Prerequisite: PSYC 220 or permission of instructor. Offered every other year.

PSYC 335. INTRODUCTION TO BEHAVIOR CHANGE TECHNIQUES.
The principles and procedures of behavior change will be examined and practiced in this course. Behavioral techniques will be covered from both a direct client service model and a consultation model. Emphasis will be upon the selection and definition of target behaviors and the development of appropriate interventions. Competency: Critical Analysis. Prerequisite: PSYC 220 or permission of instructor. Offered every other year.

PSYC 340. TESTING AND MEASUREMENT.
This course is designed to provide students with a general understanding of the theory and practice of psychological testing and assessment. Specific content will include: test construction, issues of reliability and validity, and appropriate uses of testing. Students will also have practical experience and become familiar with some of the widely used intelligence, personality, and aptitude tests. Competency: Critical Analysis. Prerequisite: PSYC 310.

PSYC 345. BIOLOGICAL FOUNDATIONS OF BEHAVIOR.
This course will provide students with a general introduction to the underlying biological principles and mechanisms which give rise to complex human cognitive and emotional behavior. Some of the topics covered include the anatomical structure of nerve cells and how they communicate, properties of brain organization and function, processing in sensory and motor systems, biological rhythms, motivated behavior, the effects of psychotropic medications, and neural and hormonal influences on health and emotion. Competency: Writing. Prerequisite: At least three other psychology courses. Offered every year.
PSYC 350. INDEPENDENT RESEARCH.
This course is designed specifically for those students who are interested in pursuing research of their own choosing. Each student will work on a one-to-one basis with a professor on the design, implementation, and reporting of an original research project. Students also will meet in small groups to discuss research designs and dilemmas. This course is highly recommended for those interested in future research activities such as those required by some graduate programs. The course may be repeated once, with a different research question, for a total of 8 semester hours. An opportunity for students to present their research will be extended each year. Competency: Writing. Offered every year. Prerequisites: PSYC 310 and consent of the instructor.

PSYC 400. SENIOR SEMINAR.
Required for all senior psychology majors, this course will help students to consolidate their course work in the major and explore options for employment or further study beyond graduation. Through individual student presentations and discussion, major themes and concepts of the subfields of psychology will be reviewed. Students also will learn about the employment and the graduate school application. Competency: Self-Knowledge. Prerequisite: Senior standing. Offered every year.

PSYC 415. THEORIES AND SYSTEMS OF PSYCHOLOGY.
This course provides students an overview of the historical development of the field of psychology. Through lectures, readings, and interactive exchanges, students will examine the social, philosophical, and scientific trends that influenced the development of various theories and approaches. In addition, students will evaluate the impact and contributions of these approaches to the field. Competency: Analytical Reading. Prerequisites: Junior or Senior standing in psychology program. Offered every other year.

PSYC 450. INDEPENDENT STUDY. 1-4 semester hours.
Under the guidance of a psychology faculty member, the student plans and carries out an independent exploration of a topic not covered in the regular curriculum. Study generally will consist of a review of literature in a specific area but also may involve data analysis or exploratory research in the field. (This course is distinguished from Psychology 350 in that a complete research project is not carried out.) In most cases, the student will be expected to produce a comprehensive paper on his or her topic as part of the course requirements. The course may be repeated once on a different topic, for a maximum of 8 semester hours. Competency: Analytical Reading. Prerequisite: Consent of the instructor. Offered on demand.
PSYC 490. PSYCHOLOGY INTERNSHIP. 1-4 semester hours. Students gain experience in the field of psychology by providing service in a mental health or human service related organization, under the guidance of a qualified site supervisor and a professor. Attempts are made to tailor placements to students' interests and learning needs while maximizing their service contributions to the community. Competency: Ethics of Social Responsibility. Prerequisites: PSYC 331 or 335 and consent of the instructor. Offered every year.
RELIGIOUS STUDIES

Religious studies is a very important part of each student’s academic preparation at Tusculum College. Students who have an interest in Religious Studies beyond the required course (RELG 330 Hebrew and Christian Traditions), may elect to complete a minor. A student planning to minor in Religious Studies should consult with the faculty in Religious Studies to determine which courses will be of assistance, especially in the case when graduate school or seminary may be in mind.

Religious Studies Minor
RELG 101 Old Testament
RELG 102 New Testament
RELG 208 Sex, Marriage and Family or RELG 201 World Religions
Choose one 200 level religion course and one 300 or 400 level religion course.
TOTAL: 20 semester hours

COURSE DESCRIPTIONS

RELG 101. OLD TESTAMENT LITERATURE: LIFE, DEATH & THE AFTERLIFE.
An exploration of the rich literature and theology in the Hebraic scripture, beginning with creation and then focusing on the biblical view of life, death, and life after death. Competency: Self-Knowledge. Offered every other year. Required of religion minors. This course and RELG 102 may be taken in place of RELG/CMNS 330 Hebrew and Christian Traditions.

RELG 102. NEW TESTAMENT: LIFE, DEATH & THE AFTERLIFE.
The exploration of such themes as death and dying, resurrection, and the meaning of life itself in the gospels and Paul’s epistles. Competency: Self-Knowledge. Offered every other year. Required of religion minors. This course and RELG 101 may be taken in place of RELG/CMNS 330 Hebrew and Christian Traditions.

RELG 201. WORLD RELIGIONS.
An introduction to the beliefs, practices, and underlying spiritual values of the major religions of the world, including Buddhism, Hinduism, Confucianism, Judaism, Christianity, and Islam. Field trips to temples, a Greek Orthodox cathedral, and other religiously related institutions will be included. Competency: Public Speaking.
RELG 203. RELIGION IN AMERICA.
This course will analyze and observe the beliefs, rituals, and practices of religious groups in America thereby enabling the student to appreciate the varieties of religious experiences and the significance of religious experience among Americans. Field trips to churches, synagogues, and other church-related institutions will be included. Competency: Writing.

RELG 206. AMERICAN CIVIL RELIGION.
We will look seriously at the religious system that exists alongside organized religion with a theology (creed), an ethic, and a set of rituals and other identifiable symbols related to the political state. We will examine the rhetoric in presidential inaugural addresses to find references to God. What is the role of the citizen in the issue of "keeping" prayer in public schools? How can individuals bring about effective social change (i.e., keeping church and state separate in order to preserve individual freedom)? Competency: Critical Analysis.

RELG 208. SEX, MARRIAGE, AND FAMILY: THEOLOGICAL CONSIDERATIONS.
An exploration of such issues as premarital and extramarital sex, homosexuality, single parenting, genetic engineering, divorce, and traditional and non-traditional families. These issues will be examined historically and theologically with a particular emphasis placed on how individuals as well as the community are affected. Christian and secular positions will be compared. Competency: Self-Knowledge.

RELG 210. AFRO-AMERICAN RELIGIOUS AND SOCIAL MOVEMENTS.
A historical study of the leadership, dynamics, and milieu of Afro-American religious and social leadership including the Civil Rights movement and Martin Luther King, Jr. We will look at the Black religious experience as a response to suffering, a way of living, and an understanding of God. Competency: Ethics of Social Responsibility.

RELG 224. WAR AND PEACE STUDIES.
A study of the scientific and technological discoveries and events that led up to the first nuclear explosion, the historic conflict between the U.S. and other nations that led to the Arms Race, and nuclear stockpiling as well as efforts toward peace. The Just-War Theory and current attempts to prevent a holocaust will be considered. Students will be challenged to influence the legislature and their own religious communities to promote peace. Competency: Ethics of Social Responsibility.
RELG 301. NEW AGE SPIRITUALITY AND THE CULTS.
An analysis of cultic Christianity as well as expressions of Eastern religious thought as currently manifested in the American subculture. Comparisons will be drawn between these new religious movements and traditional Judeo-Christian thought. Competency: Critical Analysis.

RELIGION 330. HEBREW AND CHRISTIAN TRADITIONS.
This course will acquaint the student with the dominant themes of the books of the Old and New Testament, the process through which they became canonical and the struggles down to the present time over the meaning and relevance for issues of social ethics. Required of all students unless they take RELG 101 and 102.

RELG 400. SPECIAL TOPICS.
Advanced study of a designated topic not otherwise covered in religion course offerings. Topics may include spiritual autobiographies, black theology, feminist theology, the church in the world, Latin America, or other topics. Competency: Writing. Prerequisite: Permission of instructor.
SERVICE-LEARNING

Tusculum’s service-learning graduation requirement became effective with the freshman class that entered the college in the fall of 1993. Students may fulfill the requirement through a Civic Arts Project; a Service-Learning course (each 4 semester credits); a Service-Learning Practicum (for 2 semester credits); an approved internship, or through an approved departmental course with a significant service-learning component.

Additional Service-Learning (SVLN) immersion courses may be offered. Presently, these may include an international service-learning experience in Belize, a stay in a coal mining community in West Virginia or a trip to the Navajo Nation in Arizona. Participation in these courses is determined through an application process.

The Service-Learning courses include the student outcome of Self-Knowledge. This is an examination of the student’s life, the development of habits of on-going reflection, and an understanding of the relationship between their lives and the life of the community. Issues dealing with the individual and community, public and private, diversity and the common good, civic responsibility and social change will also be examined in these courses.

Service-Learning courses have as prerequisite sophomore standing and successful completion of CMNS/SOCI 251 or an approved option. They are to be undertaken within the year following the student’s completion of the prerequisite and before the beginning of the Senior year.

COURSE DESCRIPTIONS

SVLN 351/CMNS 351 SERVICE-LEARNING PRACTICUM. 2 semester hours.
This option is available during the summer and may be carried out in the student’s home community or elsewhere. Students will get experience putting the civic arts into practice by working at least 50 hours in service roles with environmental and non-profit community organizations with underserved populations. Academic class sessions held on three afternoons in Block 8, writing assignments and regular contact with the instructor prepare students to gain the most benefit from their service placements. Offered every summer.

SVLN 352. ADVANCED SERVICE-LEARNING PRACTICUM. 2 semester hours.
Independently, students will build on their service-learning experience by completing at least 50 additional hours of service — either continuing a service placement or undertaking a new placement.
Service placements may be on campus, in the surrounding region, in student's home communities, or in other national or international areas. In addition, students will keep a journal of their service experience, attend sessions scheduled through the Center for Civic Advancement, and conduct research into the issues addressed by their service placement. SVLN 352 may be completed within a block or over the semester. Prerequisite: SVLN/CMNS 351, 354, 355, or 356. The Self-Knowledge outcome and issues of Social Responsibility will be examined. Offered as needed.

SVLN 354/CMNS 354. SERVICE-LEARNING IN NORTHEAST TENNESSEE.
Students may engage in a variety of service activities within the Greeneville/Greene County or Tri-Cities area. These activities involve issues of social justice, economic opportunity, environmental protection or restoration, education, or health and wellness. They may use community-based research techniques to identify community needs and help accomplish community goals. Readings, class sessions, journals and writing assignments will help the students learn from their service experiences. This is a one block course. The Self-Knowledge outcome and issues of Social Responsibility will be examined. Offered every year.

SVLN 355/CMNS 355. CIVIC ARTS PROJECT.
The Project allows students to put the Civic Arts into practice, providing practical experience with the kind of public problem-solving required by active and responsible citizenship. Independently, students will go through a process of 1) identifying a community need, 2) engaging in practical deliberation or problem-solving discussion with community members, and 3) working with those members to design and carry out a project that addresses the need. Projects may be undertaken by groups or by individuals. Students apply for approval through the Center for Civic Advancement. Students must develop a proposal for their projects, establish a Project Committee, engage in systematic reflection during the Project, and document their activity and their learning. Approval by their Civic Arts Project Committee is required. May be completed over one or two semesters. The Self-Knowledge outcome and issues of Social Responsibility will be examined. Offered as needed.

SVLN 356/CMNS 356. SERVICE-LEARNING IMMERSION.
This course centers on travel to a setting outside Northeast Tennessee, where students will be immersed in a service experience. Travel may be to sites involving another culture. Working through a host organization, students will put in 70-100 hours of service. The service needed may involve issues of social justice, economic opportunity,
environmental protection or restoration, education, or health and wellness. Readings and research before and after the trip will help students understand the issues they confront and the setting where they are offering service. Discussion and writing assignments will help students reflect on and learn from their service experiences. The process of living and working together and making collective decisions will be a laboratory for the practice of civility. Students should register for this course, but final participation is determined through an application process. The Self-Knowledge outcome and issues of Social Responsibility will be examined. This is a one block course. Offered at one or two sites every year.

SVLN 450. INDEPENDENT STUDY IN SERVICE-LEARNING. This course provides additional in-depth experience in service-learning and/or the opportunity to research issues raised by a previous service-learning course. Advance arrangements should be made with the instructor. Prerequisites: SVLN/CMNS 354, 355 or 356. The Self-Knowledge outcome and issues of Social Responsibility will be examined. Offered as needed.
SOCIOLOGY

COURSE DESCRIPTIONS

SOCl 101. INTRODUCTION TO SOCIOLOGY.
Examines basic sociological ideas including social relations, social interaction, social structure and social change. Reviews classical and contemporary social theories. Introduces student to the sociological imagination. Competencies: Analytical Reading, Writing, Critical Analysis.

SOCl 105. CONTEMPORARY SOCIAL PROBLEMS.
This course examines the social issues and problems confronting our world today. It will initiate a critical questioning of 1.) what is a social problem? 2.) how can we gain a sociological understanding of social problems? 3.) what kinds of thinking should we avoid in our attempts to understand problems? 4.) what are some causes of social problems? 5.) what is the impact of race, class and gender on how we construct ideas of social problems? Competencies: Analytical Reading, Writing, Critical Thinking, Ethics of Social Responsibility.

SOCl 251. THEORY AND PRACTICE OF CITIZENSHIP.
This course examines the process of democratic social change, where citizens interact as individuals seeking the common good. It examines how we think about the communities we choose (theory) and how we work within them (practice). Through readings and fieldwork, it explores how institutions, groups, organizations, and communities function; through readings and reflection, it engages in moral reasoning about how these bodies should function and how citizens can work toward the common good. This course also serves as an introduction to service-learning. Prerequisite: Sophomore standing. Competency: Analytical Reading, Civility and Ethics of Social Responsibility.
SPANISH

The United States includes the fifth largest Spanish-speaking population in the world, and this country is situated in a hemisphere where Spanish is one of four major languages. Spanish study is an important component of the education of citizens interested in working effectively to improve their global awareness.

COURSE DESCRIPTIONS

SPAN 101-102. ELEMENTARY SPANISH.
Introduction to the elements of Spanish enhanced by video materials. Competency: Public Speaking. Offered every year.
SPECIAL EDUCATION

In keeping with the mission of the College, the goal of the Special Education Program is one of service to the community. The program is divided into two endorsement programs: The Modified/Comprehensive Program and Early Childhood Special Education Program. The Modified/Comprehensive Program leads to endorsement for licensure to teach special needs students in kindergarten through 12th grade. This program prepares teachers of students whose early needs focus on development of basic skills, those students who need educational programs that require an adaptation of the regular school curriculum, and/or students whose later needs focus on vocational and independent living skills. The Early Childhood Special Education Program leads to endorsement for licensure to work with very young special needs children and their families. Students may select the Modified/Comprehensive K-12 Program and/or the Early Childhood Special Education Pre/K-4.

To best serve the community, the Special Education Program seeks to integrate the knowledge and skills in general education, professional education, special education core, and concentrations with the Civic Arts philosophy of Tusculum. Prospective teachers will:

1. Demonstrate the knowledge and skills in human development and learning, including the study of individual differences.
2. Develop a broad knowledge of the field of special education, including a study of various handicapping conditions.
3. Demonstrate ability to initiate appropriate techniques to plan and implement successful programming for special needs students.
4. Demonstrate the ability to work collaboratively with colleagues, communicate effectively with parents, and positively influence the education of all children.

Students may elect programs leading to licensure for teaching Special Education Modified and Comprehensive, and/or teaching Early Childhood Special Education.

The coursework in Special Education involves extensive practicum experiences. Well-planned practicum experiences provide students with varied placements that prepare them for successful student teaching.

1. Special Education, Modified and Comprehensive
This program is comprised of 146 semester hours with the optional courses for Early Childhood Special Education.

- Major - 48 semester hours
- Professional Education - 32 semester hours
- General Education - 66 semester hours
- Optional Courses for Early Childhood Special Education - 10 semester hours
Special Education Core (20 hours)
PHED 170 Rhythms and Dance (1 hour)
PHED 360 Design/Methods Elem. PE (3 hours)
SPED 101 Survey of the Regular and Special Populations Within the School Environment
SPED 354 Strategies for the Early Childhood Special Needs Students
SPED 352 Developmental Disabilities
SPED 451 Educating the Gifted Student

Modified and Comprehensive (28 hours)
ENGL 335 Children’s Literature
EDUC 307 Language Development and Emergent Literacy
EVSC 425 Physical and Environmental Science Concepts
HGLN 337 Assessment and Evaluation
HGLN 417 Literacy Through Language Arts
SPED 355 Transition Strategies for the Special Needs Student
SPED 455 The Consulting Teacher Model

Professional Education Courses (32 hours)
EDUC 200 History and Philosophy of Education
EDUC 320 Classroom Discipline and Management
EDUC 416 Teaching Reading
MATH 425 Mathematics Applications in the Real World
SPED 452 Student Teaching Seminar (4 hours)
SPED 458 Student Teaching: Mod/Comp K-12 (12 hours)

General Education Courses (66 hours)
BIOL 100 Introductory Biology
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric, and Research
GEOG 200 Introduction to Geography
HIST 101 or 102 The West and the World I or II or POLS 380 The Political Traditions of the West
HIST 201 or 202 U.S. History I or II
MATH 102 College Algebra
OREN 105 Extended Freshman Experience
PHED 115 Safety, First Aid, and CPR (1 hr.)
PHED 260 Contemporary Health Issues (3 hrs.)
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Tradition
SOCI 101 Principles and Social Institutions

Choose one of the following courses:
MUSC 101 Introduction to Western Music
THEA 104 Introduction to Theatre
VISA 110 Introduction to Art
Optional Early Childhood Special Education (10 hours)
VISA 330 The Arts and Childhood Learning
SPED 459 Enhanced Student Teaching: Infant/Toddler (6 hours)

2. Special Education Early Childhood PreK-4
This program is comprised of 146 semester hours with the optional courses in Early Childhood Education.
  - Major - 48 semester hours
  - Professional Education - 32 semester hours
  - General Education - 66 semester hours

Special Education Core (20 hours)
PHED 170 Rhythms and Dance (1 hour)
PHED 360 Curriculum Design/Methods Elem. PE (3 hours)
SPED 101 Survey of the Regular and Special Populations Within the School Environment
SPED 354 Strategies for the Early Childhood Special Needs Students
SPED 352 Developmental Disabilities
SPED 451 Educating the Gifted Student

Early Childhood Concentration (28 hours)
ENGL 335 Children’s Literature
EVSC 425 Physical and Environmental Science Concepts
EDUC 307 Language Development and Emergent Literacy
HGLN 337 Assessment and Evaluation
HGLN 340 Learning Environments EC/PreK-4
MATH 425 Mathematics Applications in the Real World
VISA 330 The Arts and Childhood Learning

Professional Education (32 hours)
EDUC 200 History, Philosophy and Principles of Education
EDUC 320 Classroom Discipline and Management
EDUC 416 Teaching Reading
HGLN 417 Literacy Through Language Arts
EDUC 452 Student Teaching Seminar (4 hours)
EDUC 453 Enhanced Student Teaching PreK-4 (6 hours)
SPED 459 Student Teaching: Infant/Toddler (6 hours)

General Education (69 hours)
BIOL 100 Introductory Biology
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Rhetoric, and Research
GEOG 200 Introduction to Geography
HIST 101 or 102 The West and the World I or II or POLS 380 The Political Traditions of the West
HIST 201 or 202 U.S. History I or II
MATH 102 College Algebra
OREN 105 Extended Freshman Experience
PHED 115 Safety, First Aid, & CPR (1 hr.)
PHED 260 Contemporary Health Issues (3 hrs.)
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
PSYC 101 Essentials of Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions

Choose one of the following courses:
- MUSC 101 Introduction to Western Music
- THEA 104 Introduction to Theatre
- VISA 110 Basic Concepts of the Visual Arts

**Special Education Early Childhood Minor**

**Grades PreK-4**

28 Total Hours

- EDUC 307 Language Development/Emergent Literacy
- EDUC 416 Teaching Reading
- EVSC 425 Physical and Environmental Science Concepts
- HGLN 417 Literacy Through Language Arts
- MATH 425 Mathematics Applications in the Real World
- SPED 354 Strategies for the Early Childhood Special Needs Students
- SPED 352 Developmental Disabilities
- SPED 451 Educating the Gifted Student

The Special Education Early Childhood minor may be added to any existing School of Education Major with Licensure. All listed courses are required for the minor; however, some course requirements may be accomplished through preparation for a particular major.

**Special Education Modified & Comprehensive Minor**

**Grades K-12**

40 Total Hours

- EDUC 307 Language Development/Emergent Literacy
- HGLN 337 Assessment and Evaluation
- EDUC 416 Teaching Reading
- EVSC Physical and Environmental Science Concepts
- HGLN 417 Literacy Through Language Arts
- MATH 425 Mathematics Applications in the Real World
- SPED 354 Strategies for the Early Childhood Special Needs Students
- SPED 355 Transition Strategies for the Special Needs Student
- SPED 352 Developmental Disabilities
- SPED 451 Educating the Gifted Student
- SPED 455 The Consulting Teacher Model

The Special Education minor may be added to any existing School of Education Major with Licensure. All listed courses are required for
the minor; however, some course requirements may be accomplished through preparation for a particular major.

**Course Descriptions**

**SPED 101. Survey of the Regular & Special Needs Population within the School Environment.**
This course is designed for the preservice teacher to develop an understanding of the characteristics of the school environment and the relationship of that school environment to the total school system: local, state, and federal. The preservice teacher will focus on developing the professional ‘self’ called teacher. Finally, the preservice teacher will survey those elements within the school that foster the education of regular and special school populations within the school. The preservice teacher will study current practices, issues, and trends in Special Education Law and Policy to prepare to serve the special needs population in regular and special education school environments. Practicum experiences included. Competency: Writing. Offered every year.

**SPED 352. Developmental Disabilities.**
This course is presented in a seminar format and provides the preservice teacher with an opportunity to have a hands-on experience with the therapists presenting the seminar. Among such professionals will be an occupational and physical therapist, speech therapist, and for the young child, the developmental specialist. These courses include clinical experiences in various settings, including the school, giving continuity to the seminar. The focus is on individuals with severe handicapping conditions that require occupational and physical therapy and speech therapy. Practicum experiences included. Competency: Public Speaking. Prerequisites: SPED 101 and EDUC 200. Offered every other year.

**SPED 354. Strategies for the Early Childhood Special Needs Students.**
This course is designed for preservice teachers working with the student with mild handicaps and the student who has moderate to severe handicaps. The course will focus on the young child from birth through early years and into school. Through varied practicum experiences the pre-service teacher will have the opportunity to observe the young special needs children in home, school, and other settings. The pre-service teachers will study the methods of developing skills in these diverse learners as well as working with the students as they learn the skills. The pre-service teachers will be able to identify the community and school resources for gaining support and skill development for their special needs children. Practicum
experiences included. Competency: Public Speaking. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

SPED 355. TRANSITION STRATEGIES FOR THE SPECIAL NEEDS STUDENTS.
This course will encompass the critical area of transition for the mild and moderate to severely handicapped special education student. The preservice teacher will, through a variety of classroom and practicum experiences, demonstrate the ability to identify and develop appropriate transition goals for the student. The preservice teacher will through varied practicum experiences develop a working knowledge of the services available to this population, as well as the skills needed by the special needs student to become a productive member of society. Preservice teachers will collaborate with the supervising teachers to develop a knowledge basis for linking students and families with services ranging from assisted work environments to college application and other accommodations. Candidates will demonstrate the ability to develop sound transition plans by participating in the IEP process for students transitioning from middle school level to high school and from high school to society. Practicum experiences included. Competency: Critical Analysis. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

SPED 451. EDUCATING THE GIFTED STUDENT.
This course is designed to provide the special education major with expertise in working with gifted children in the public school. The preservice teacher will gain knowledge and experiences critical to the education of the gifted student. Emphasis on identification, criteria for certification, and assessment will provide the student with an understanding of the specific needs of the gifted student. Teaching strategies that address higher order thinking skills, abstract reasoning, analytical and critical thinking, will be introduced. Preservice teachers will examine the aspect of multiple intelligences and the gifted student. Collaboration with the regular classroom teacher will be addressed through practicum experience. The preservice teacher will demonstrate through the practicum experience the ability to create learning opportunities that will challenge and engage the gifted student, as well as the highly functioning non-certified students in the regular classroom. Practicum experiences included. Competency: Analytical Reading. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

SPED 455. THE CONSULTING TEACHER MODEL.
This course will provide a framework for the preservice teacher in the area of special education consultation. The preservice teachers will gain knowledge and experience in addressing the needs of students
with specified learning disabilities from mild to moderate and severe in reading, written expression, mathematics, auditory processing, as well as behavioral disorders. Strategies for early recognition, referral, assessment, and intervention will be the major focus of this course. The preservice teacher will demonstrate an understanding of the needs of the students with specific learning disabilities as well as strategies for collaborating with the regular classroom teacher to facilitate the success of this special education population. The preservice teacher will also develop a knowledge base for addressing the needs of the students served under Section 504 with accommodations for health issues as well as Attention Deficit Disorder. Preservice teachers will demonstrate the ability to develop appropriate learning goals and objectives through the completion of an IEP as well as a 504 Accommodation plan. The preservice teacher will also examine the mandates addressing the assessment of this target population by the No Child Left Behind legislation. Practicum experiences included. Competency: Public Speaking. Prerequisites: EDUC 200 and SPED 101. Offered every other year.

SPED 458. ENHANCED STUDENT TEACHING (K-12). 12 semester hours.
Full-time teaching experience in two regular placements (elementary and high school grades) in accredited schools under the direction of selected classroom teachers and a campus supervisor.

SPED 459. ENHANCED STUDENT TEACHING: INFANT AND TODDLER. 6 semester hours.
Full-time teaching experience in two regular placements in accredited schools under the direction of selected classroom teachers and a campus supervisor.
SPORT MANAGEMENT

Please see the PHYSICAL EDUCATION section of the catalog.
THEATRE

Students at Tusculum are encouraged to participate in theatrical productions as well as numerous other dramatic activities sponsored by Tusculum Arts Outreach. Facilities include the 700-seat Annie Hogan Byrd Auditorium and the 200-seat David F. Behan Theatre.

COURSE DESCRIPTIONS

THEA 104. INTRODUCTION TO THE THEATRE.
A survey course to acquaint the student with our cultural heritage in the theatre. Units covered include history, roles of various theatre artists, theories and structures of drama, and the basic fundamentals and techniques of acting. Topics are covered through lecture, assigned reading, and student participation. Offered every year.

THEA 190. THEATRICAL PRODUCTION. 1 semester hour.
This course entails a minimum of 40 hours work in some combination of acting, set construction, make-up, costume, lighting, or other technical support connected with a college theatrical production. Note: a maximum of 8 semester hours credit in THEA 190 may apply toward graduation.
The Visual Arts Program is designed to prepare students for various careers in art; the commercial arts field as graphic designers and commercial artists, the fine arts field as working artists, or the educational field as art teachers. There are three areas of concentrated study within the Visual Arts Program. They are Graphic Design, Fine Arts, and Art Education. In their second year at Tusculum, all art majors select one specific area from the three areas of concentrated study within the Visual Arts Program. This three-leg structure is designed so that students receive more concentrated training in their specific area of interest within the broad field of art. During their four years at Tusculum College, students in the Visual Arts Program build a strong base of knowledge necessary for graduate school.

In addition to the three major areas of concentrated study, the Visual Arts Program offers an Art Minor to student interested but not majoring in art. The Art Minor is designed to compliment and enhance a Tusculum student’s education within his or her chosen major field of study. Currently the Museum Studies Program is requiring Visual Arts courses as part of the minor they offer.

Students who choose the concentrated Graphics Design area of study are introduced to commercial typographic, graphic design, and layout considerations, as well as commercial illustration. The use of computers to produce various publications and to produce layout work and digital artwork is covered. Special consideration is given to the development of skills and ideas relating to the commercial applications of art. Internship opportunities with regional advertising, graphic design, and commercial art businesses are possible as part of our upper level course offerings to our Graphic Design concentration majors.

Students who choose the concentrated Fine Arts area of study are grounded in foundation level courses. These courses teach the language and paradigm of the art world. Students are exposed to the flow of ideas and to the history of art studied through the artists and artwork our world’s cultures have produced. They progress through the beginning, intermediate, and advanced levels of studio courses we offer and that appeal to them. Our studio course structure is designed to first expose students to the fundamentals of working with a particular medium such as oil paint. Then in upper level courses, students push forward their command of art and increase their ability to use a medium by learning more advanced techniques and developing higher levels of skill, control, and personal investment.

Students desiring K-12 licensure for teaching art in a public or private school system can complete the course requirements speci-
fied below under the "Art Education Concentrated Area of Study" heading. The Visual Arts Department works closely with our Tusculum College Education School to ensure that teaching licensure requirements are met with this Visual Arts Program concentration area. As a degree requirement, all Visual Art majors regardless of their concentrated area of study, must prepare and install an exhibition of their work during the last semester of their studies before graduating from Tusculum College.

Art majors have an opportunity to volunteer working in a Visual Arts Department sponsored activity off campus at the Greene Valley Development Center, an educational center meeting the needs of developmentally disabled adults. Greene Valley and Tusculum College work collaboratively on therapeutic art activities involving students from both facilities. It is one of the ways the Visual Arts Program involves art majors in the civic arts mission of this college.

Facilities for the Visual Arts program are housed within the Shulman Center, the Library, and the Art Annex on the Tusculum campus. Lecture-based courses, computer-based courses, and foundation courses are typically taught in the Shulman Center. Most studio courses are taught across the campus in the Art Annex.

The Library is the home of the Allison Fine Arts Gallery. This is an on-campus art gallery with an educational mission to expose all College students to contemporary fine art. This mission specifically applies to our Tusculum art majors who can choose to become involved in some of the curatorial responsibilities associated with any fine arts gallery. There are approximately eight art exhibitions organized and presented to the public during each academic school year.

The core curriculum for both concentrations within the Visual Arts program of study is as follows:
VISA 110 Introduction to Art
VISA 111 Basic Design
VISA 121 Color Theory
VISA 203 Basic Drawing
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through Modern Art
VISA 400 Portfolio and Exhibition

Course Outline for the Graphic Design Concentrated Area of Study
VISA 214 Computer Graphics/Desktop Publishing
VISA 217 Graphic Design I
VISA 317 Graphic Design II
VISA 319 Publication Design
VISA 417 Graphic Design III
choose three electives from the following list:
VISA 212 Painting I
Course Outline for the Fine Arts Concentrated Area of Study

VISA 233 Intermediate Drawing
VISA 292 Therapeutic Art Activities
VISA 430 Art History Research
choose four electives from the following list
*two courses must be sequential
VISA 212 Painting I
VISA 213 Sculpture I
VISA 214 Computer Graphics/Desktop Publishing
VISA 215 Ceramics I
VISA 216 Printmaking I
VISA 312 Painting II
VISA 313 Sculpture II
VISA 315 Ceramics II
VISA 316 Printmaking II
MASS 215 Basic Photography
MASS 315 Creative Photography
choose one elective from the following list:
VISA 412 Painting III
VISA 413 Sculpture III
VISA 415 Ceramics III
VISA 416 Printmaking III
TOTAL: 60 credit hours

Course Outline for the Art Education Concentrated Area of Study

The following program leads to licensure for teaching the Visual Arts in grades K-12 and is composed of 157 credit hours as follows:

Visual Arts Education Major Curriculum (52 hours)
VISA 111 Basic Design
VISA 203 Basic Drawing
VISA 204 Ancient through Renaissance Art
VISA 208 Baroque through 20th Century Art
VISA 212 Painting I
VISA 213 Sculpture I
VISA 214 Computer Graphics/Desktop Publishing
VISA 215 Ceramics I
VISA 216 Printmaking I
VISA 327 Art Development in Elementary Grades
VISA 328 Art Development in Middle and Secondary Grades
VISA 400 Portfolio and Exhibition
choose one from the following list:
VISA 312 Painting II
VISA 313 Sculpture II
VISA 315 Ceramics II
VISA 316 Printmaking II

Professional Education Curriculum (40 hours)
EDUC 200 History and Philosophy of Education
EDUC 320 Classroom Discipline and Management
HGLN 337 Assessment and Evaluation
HGLN 341 Learning Environments K-8 OR
EDUC 342 Learning Environments 7-12
EDUC 419 Content Area Reading
EDUC 452 Student Teaching Seminar
EDUC 456 Enhanced Student Teaching: Secondary
SPED 101 Survey of the Regular and Special Population
Within the School Environment

General Education Curriculum (65 hours)
CISC 100 Computer as a Tool
CISC 216 Computer as a Classroom Support System
ENGL 110 Composition and Rhetoric
ENGL 111 Composition, Research, and Rhetoric
EVSC 111 Environmental Science
GEOG 200 Introduction to Geography
HIST 101/2 The West and WWI or II-OR POLS 380 The Political Traditions of the West
HIST 201/2 U.S. History I (or II)
MATH 102 College Algebra
OREN 105 Extended Freshman Experience
PHED 201 Foundations of Personal Fitness and Wellness
PSYC 101 Essentials of Psychology
PSYC 200 Developmental Psychology
PSYC 305 Educational Psychology
RELG 330 The Hebrew and Christian Traditions
SOCI 101 Principles and Social Institutions
VISA 110 Introduction to Art

Visual Arts Minor
VISA 110 Introduction to Art
VISA 203 Basic Drawing
VISA 208 Baroque through 20th Century Art  
VISA 212 Painting I  
*choose one from the following:*  
VISA 213 Sculpture I  
VISA 215 Ceramics I  
*choose one from the following:*  
VISA 216 Printmaking I  
MASS 215 Basic Photography  
TOTAL: 24 credit hours

**Course Descriptions**

**VISA 110. Introduction to Art.**  
This course presents the vocabulary, terminology, history, and paradigm of the art world. Material covered includes principles and concepts used in the visual arts, visual communication and visual language, an examination of forms of expression through various media, and a survey view of art history. Competency: Writing. Offered every year.

**VISA 111. Basic Design.**  
This is an entry-level art foundation course. In this course students are presented with design problems along with a number of successful approaches that can be used to discover creative solutions to visual problems. The focus is on the manipulation of line, shape, value, color, light, and texture in 2-D space to express elementary principles of design. Competency: Critical Thinking. Offered every year.

**VISA 121. Color Theory.**  
This course is an introduction to the principles of color theory as they relate to the visual arts. Students will be exposed to the additive/subtractive color system as it relates to mineral-based pigments. Various media will be used. Competency: Critical Analysis. Offered every year.

**VISA 203. Basic Drawing.**  
This course is designed for students who have had little or no previous drawing experience. Students will draw traditional subjects such as still life compositions, landscapes, and the human figure. Exercises and assignments will emphasize how to "see" rather than how to make. As a studio class, this course may require additional meeting times. Competency: Critical Thinking. Offered every year.

**VISA 204. Ancient through Renaissance Art.**  
This course is a survey of Western Art from prehistoric time through the 16th Century. It presents a chronology of art and cultural history as well some of the people and forces that shaped societies during this span of time. Competency: Writing. Offered every other year.
VISA 208. BAROQUE THROUGH TWENTIETH CENTURY ART.
This course is a survey of Western Art from the 16th Century to the present. The artists, artwork, art movements that happened during this span of time are covered. Competency: Writing. Offered every other year.

VISA 212. PAINTING I.
This course is designed for students with minimal painting experience. A variety of techniques and different working styles in oil paint will be covered. Traditional subjects including the human form will be explored. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisites: none, but VISA 111 and VISA 121 will be very helpful. Competency: Critical Thinking. Offered every other year.

VISA 213. SCULPTURE I.
This course is designed for students with no previous sculpture experience. It is an introduction to basic sculptural methods. Methods covered are additive, subtractive, manipulative, and substitutive material handling. A studio fee will be charged. As a studio class, this course may require additional meeting times. Competency: Critical Thinking. Offered every other year.

VISA 214. COMPUTER GRAPHICS AND DESKTOP PUBLISHING.
This course teaches the use of software programs to create illustrations, graphics, and lay-out designs using the computer as a creative tool. Students will be using scanners, printers, and digital cameras as well. A fee covering the cost of printer ink will be charged. Competency: Critical Thinking. Offered every other year.

VISA 215. CERAMICS I.
This course is designed for students with little previous studio experience. Hand-built and wheel throwing techniques, glazing, and firing techniques are covered. A studio fee will be charged. As a studio class, this course may require additional meeting times. Competency: Critical Thinking. Offered every other year.

VISA 216. PRINTMAKING I.
This is the companion course to VISA 316. Two of four traditional printmaking methods will be taught, screen printing and lithography. The VISA 316 course will cover two additional printmaking methods. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisites: none, but VISA 111 and VISA 121 are recommended. Competency: Critical Thinking. Offered every other year.
VISA 217. GRAPHIC DESIGN I.
This is a beginning graphics course. Students produce work primarily by manipulating typographic elements that impact the design of 2-D space. Font families and styles are examined. Prerequisites: none, but VISA 111 and VISA 121 will be very helpful. Competency: Critical Thinking. Offered every year.

VISA 233. INTERMEDIATE DRAWING.
This course is a continuation of the disciplined approach in VISA 203. Black and white media is emphasized. More complex pictorial and spatial problems are explored with more freedom for conceptual work and personal expression. Prerequisites: VISA 111 and VISA 203. Competency: Critical Analysis. Offered every other year.

VISA 292. THERAPEUTIC ART ACTIVITIES.
Students help develop and participate in art-based activities aimed at increasing developmentally disabled adults’ verbal and social skills, eye/hand coordination, and manual dexterity. Activities are designed to foster interactive and collaborative solutions between students and the developmentally disabled. This course spans a full semester. Competencies: Ethics of Social Responsibility. Offered on demand.

VISA 311/MASS 311. PHOTOJOURNALISM.
An intermediate-level photography course with an emphasis on photography as a medium of communication through content and technique. Students will be charged a $35.00 lab fee to defray costs of materials. Competency: Public Speaking. Prerequisite: MASS 215 or permission of instructor. Offered every other year.

VISA 312. PAINTING II.
This course presents more advanced oil painting techniques. It allows students more freedom to explore their personal artistic esthetic while continuing to exercise the fundamentals of oil painting. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 212. Competency: Critical Analysis. Offered every other year.

VISA 313. SCULPTURE II.
This course encourages students to explore more in-depth 3-D design possibilities using various sculptural materials. Students are encouraged to explore a more complex interpretation of material and subject. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 213. Competency: Critical Analysis. Offered every other year.
VISA 315. CERAMICS II.
Students are given the opportunity to further develop their pottery skills, building on what was presented in VISA 215. Advanced glazing techniques and alternative firing methods are presented. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 215. Competency: Critical Analysis. Offered every other year.

VISA 316. PRINTMAKING II.
This is the companion course to VISA 216. Etching and relief block printing will be taught. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisites: none, but VISA 111 and VISA 121 are recommended. Competency: Critical Thinking. Offered every other year.

VISA 317. GRAPHIC DESIGN II.
This is a design course covering graphic design, typography, and layout considerations using computers and software to find solutions. Projects stress a practical, creative process involving brochure and pamphlet design, poster and cover design, and other commercial related activities. A fee will be charged to cover the cost of printer ink. Prerequisite: VISA 217. Competency: Critical Analysis. Offered every other year.

VISA 319. PUBLICATION DESIGN.
This course focuses on developing solutions to design and layout problems associated with the production of newspaper and magazine pages. Computer illustration is presented as well. A fee will be charged to cover the cost of printer ink. Prerequisites: VISA 111 and VISA 214, or permission of the instructor. Competency: Critical Thinking. Offered every other year.

VISA 327. ART DEVELOPMENT IN ELEMENTARY GRADES.
This course is an introduction to various themes, media, techniques, curricula, and development of sequential lesson planning in the arts. Prerequisites: EDUC 200, VISA 111, or permission of the instructor. Competency: Writing. Offered on demand.

VISA 328. ART DEVELOPMENT IN MIDDLE AND SECONDARY GRADES.
This course covers curriculum development in the arts and the use of media and techniques appropriate for middle and secondary grades. Prerequisites: EDUC 200, VISA 111, or permission of the instructor. Competency: Writing. Offered on demand.

VISA 330. THE ARTS AND CHILDHOOD LEARNING.
An integrated study of the way in which the arts (dance, music,
theatre, and visual art) affect the learning and development process in pre-high school aged children. Practicum experience is included. Competency: Civility. Prerequisites: SPED 101 and PSYC 200. Offered every year.

VISA 400. PORTFOLIO AND EXHIBITION.
This course is designed to teach students how to organize and present their professional credentials for art-related employment. Students must also organize and present an exhibition of their artwork in a public forum. This course spans a full semester. Prerequisites: must be a senior standing art-major during the last semester of class-work. Offered on demand.

VISA 412. PAINTING III.
This course is offered for those students who are interested in using painting as their primary expressive medium. Personal vision and artistic esthetics are stressed. It is expected advanced students will supply their own materials. No studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 312. Competency: Critical Thinking. Offered every other year.

VISA 413. SCULPTURE III.
This is an advanced 3-D course that expects sculpture students to find a more complex interpretation of space, material, and subject. Personal expression is stressed. A sculpture materials fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 313. Competency: Critical Thinking. Offered every other year.

VISA 415. CERAMICS III.
Students will continue developing their skills as a potter. More complex work is expected. A strong focus will be on a student’s personal direction and creative expression using clay. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisite: VISA 315. Competency: Critical Thinking. Offered every other year.

VISA 416. PRINTMAKING III.
This course is allows a student to choose any one of the four traditional printmaking techniques and explore more advanced techniques using that medium. Digital print technology will be explored and used to create mixed-method fine art prints. A studio fee will be charged. As a studio class, this course may require additional meeting times. Prerequisites: VISA 216 and VISA 316. Competency: Critical Thinking. Offered every other year.
VISA 417. GRAPHIC DESIGN III.
This is an advanced computer-based graphics course emphasizing real-world assignments. Class structure will more closely resemble on-the-job working situations in advertising or commercial graphics companies. A fee to cover the cost of printer ink will be charged. Prerequisites: VISA 317. Competency: Critical Thinking. Offered every year.

VISA 430. ART HISTORY RESEARCH.
This course gives upper level students an opportunity to continue their study of art history as well as other art-related subjects. Students meet with the instructor to define a topic, then to have their research monitored. At the conclusion of the course students must submit a research paper covering the topic outlined. Prerequisites: the successful completion of two 300 level VISA courses, approval from the Chair of the Department and the instructor. Offered on demand.

VISA 440. SPECIAL STUDIO PROBLEMS.
This course is designed for art students who have taken all courses offered in a particular medium and want to continue with their work and exploration. Assignments will be independent studio projects designed by the student and approved by the instructor. May be repeated for credit. Prerequisites: Permission of Department chair and the instructor. Offered on demand.

VISA 451. GRAPHIC DESIGN INTERNSHIP.
An off-campus working experience in a graphics or commercial art business specifically designed for graphics majors. A journal and paper is required of all student participants. Prerequisite: Senior standing with permission from Department Chair and the instructor. Competency: Self-Knowledge. Offered on demand.