

COLLEGE OF ARTS AND SCIENCES

Reinhold Hill, Dean

The primary mission of the College of Arts and Sciences (CAS) at Governors State University is to provide quality instruction for a diverse student population in disciplines that are at the heart of the university - the liberal arts and sciences.

The College of Arts and Sciences faculty, staff, and students achieve this mission through excellence in teaching and learning processes and scholarship while both creating and applying new knowledge and engagement through service and exchange.

In all these endeavors, the college seeks to:

- foster critical thinking and problem-solving abilities in professional, public, and private spheres;
- advance literacy skills inclusive of reading, writing, speaking, numeric literacy, and visual literacy; and
- promote the facile use of technology for life-long knowledge acquisition and engagement.

The College of Arts and Sciences assumes a leading presence both in the region and the State of Illinois by reinforcing the strengths of its arts, humanities, sciences, and interdisciplinary programs.

To this end, CAS sponsors educational events and provides extracurricular activities for students and residents of the region. The calendar of events includes the CAS Distinguished Lecture Series, art exhibits, workshops, and symposia on a wide range of subjects related to the humanities and the social, natural, and physical sciences. Throughout the year, the intellectual life of the university community is enriched by the College of Arts and Sciences.

The college is committed to creative exploration of important issues and developments, addressing diverse topics such as language and culture, the environment, new communications and information technologies. It also strives to discover the interconnections between local, national, and global structures and processes. Through sponsored activities and the individual actions of students and faculty, the College of Arts and Sciences continues to play a leadership role in the university's process of addressing the identification of the concerns of our time.

"IAI" course designations refer to the statewide Illinois Articulation Initiative discussed on page 14 of this catalog and found at website www.itransfer.org.

Undergraduate Programs

Anthropology and Sociology (B.A.)

Anthropology

Sociology

Art (B.F.A.)

Biology (B.S.)

Biology Teacher Education

Chemistry (B.S.)

Chemistry Teacher Education

Communication (B.A.)

Advertising and Public Relations

Filmmaking and Multimedia

Human Communication

Journalism

Computer Science (B.S.)

Criminal Justice (B.A.)

Corrections and Punishment

Law Enforcement and Security

Restorative and Community Justice

English (B.A.)

English Teacher Education

History (B.A.)

Information Technology (B.S.)

Interdisciplinary Studies (B.A.)

Mathematics (B.A.)

Mathematics Teacher Education

Media Studies (B.A.)

Media Industry and Production

Networking and Participatory Culture

Global Media and Information Flow

Political Science (B.A.)

Social Sciences (B.A.)

Theatre and Performance Studies (B.A.)

Minors

3-D Animation and Modeling

Art

American Studies (Social Science)

Biology

Chemistry

Computer Science

Criminal Justice

English

Game Design

Gender and Sexuality Studies

Global Studies (Social Science)

History

Human Communication

Integrative Studies

Latino Studies

Mathematics

Pre-Law

Theatre and Performance Studies

Certificates

Biotechnology and Bio-Analysis
 Digital Forensics
 Information Security
 Restorative Justice

Teacher Licensure

The college offers programs approved by the Illinois State Board of Education for teacher licensure in the areas of biology, chemistry, English, and mathematics. Also the B.S. in Chemistry has American Chemical Society certification for those students who complete the approved degree program.

Faculty of the College of Arts and Sciences

Division of Communication, Visual and Performing Arts

Lori Montalbano, Chairperson

Professors

Emmanuel Alozie
 Jane Rhoades Hudak
 Tony Labriola

Associate Professors

Yvette Brown
 Javier Chavira
 Mary Lanigan
 Sang Hoon Lee
 Dan Nearing
 Beth Parin
 David Rhea
 Jason Zingsheim

Assistant Professors

Leanne Cambric
 Jayne Goode
 Deborah James
 Patrick Santoro

Lecturers

Arness Krause
 Anthony Edison
 Alexander Glumac
 Mike Hart
 Sharon Hudson
 Gretchen Jankowski
 Michele McMaster
 Jerry Slowik

Division of Humanities and Social Sciences

Andrae Marak, Chairperson

Professors

James R. "Chip" Coldren, Jr.
 Frances Kostarelos
 Larry Levinson
 Rashidah Jaami' Muhammad

Associate Professors

Daniel Cortese
 Donald Culverson
 Rosemary Johnsen
 Elizabeth Johnson
 Kerri Morris
 Bruce Wilson

Assistant Professors

Ben Almassi
 Duane Davis
 David Golland
 Vincent Jones
 Khalil Marrar
 Joao Salm
 Bradley Smith
 Brian Vivona
 Christopher T. White

Visiting Professor

Matthew Thiele

Lecturers

Bill Craig
 John Edwards
 Cheryl Hague
 William Kelley
 Caron Jacobson
 Milan Panic
 Christina Sentic
 Robin Thompson
 Laura White

Division of Science

Yun-Yau (Steve) Shih, Chairperson

Professors

Karen D'Arcy
 Timothy Gsell
 Phyllis Klingensmith
 Shailendra Kumar
 Soon-Ok Park
 Xueqing (Clare) Tang
 Kong-Cheng Wong
 John Yunger

Associate Professors

Mary Carrington
 Xiaoyong Chen
 Dianne Galante
 Pamela Guimond
 Andrius Tamulis

Assistant Professors

Angela Renee Thompson
 Walter Henne
 Joong-Won Shin
 Chris Tweddle

Lecturers

Victor Akatsa
 Richard Baisa
 Michael Blomarz
 Nelson Chen
 Richard Fox
 Diane Gohde
 Broderick Hall
 Steve Hynzy
 Marjorie Hummel
 Robert Kaufmann
 Stephen Kent
 Bernard O'Reilly
 Nancy Paus
 Kevin Riley
 Aheda Saber
 Aslam Shahid
 George Sweiss
 Tina Whitney

DEGREE REQUIREMENTS FOR UNDERGRADUATE PROGRAMS

The university degree requirements for undergraduate programs are listed in the Bachelor's Degree Requirements section of this catalog.

Bachelor of Arts in Anthropology and Sociology

The Bachelor of Arts degree in Anthropology and Sociology at Governors State University is grounded in the history of ideas, theory, and methods common to both disciplines. In this program, students choose either an Anthropology or Sociology concentration that comprises the core courses of their major. Students continue in their chosen concentration but share a set of core courses that enables students to master the shared concepts, theoretical approaches, and methodological practices of both disciplines. Students complete their degree with a capstone experience that comprises original research under the advisement of a faculty mentor, which grounds their understanding of social life in the discipline of their choice. At the end of the program, students earn a degree in Anthropology and Sociology, with a choice of concentration in anthropology or sociology through consultation with their academic advisor.

A degree in Anthropology and Sociology provides students strong problem solving and communication skills and knowledge about people, their cultures, and the institutions and organizations that they create. These skills and knowledge prepare students to succeed in careers that deal with the social problems and issues that they studied in their major. Students who earn a degree in either Anthropology or Sociology find career opportunities in social and governmental services; administrative support and management in organizations; professional researchers and evaluators for social, governmental, corporate, or world organizations; public relations and human resource departments; or, continue onto graduate degree programs in anthropology, sociology, public policy, social work, museum studies, library science, and law.

Degree Requirements

Students must meet all university requirements for a bachelor's degree. In addition, students must complete Core, Concentration Core, and Selective courses with a "C" or better.

I. General Education Requirement (37-41 Hours)

See the GSU Catalog (www.govst.edu/catalog) for the specific list of requirements. The general education requirements are the same as the university requirements (see front of the catalog) except for the Social and Behavioral Science area where nine (9) hours must be completed, of which six (6) hours are lower-division courses in the chosen concentration, with one of those courses an introduction to the discipline, and three (3) hours of a social science course outside of the chosen concentration.

II. Core Courses for All Majors (15 Hours) Foundations (6 Credit Hours)

ANSO 2100 Gender and Sexuality (3)
 ANSO 2200 Race and Class (3)

Theory and Methodological Approaches (9 Credit Hours)

ANSO 3600 Data Analysis in Social Science (3)
 ANSO 4400 Theories of Social Sciences (3)
 ANSO 4900 Senior Capstone (3)

III. Concentration Core Courses (18 Hours)**A. Anthropology Concentration Foundations (6 Credit Hours)**

ANTH 1100 Cultural Anthropology (3)
 ANTH 2100 Trends in Cross-Cultural Analysis (3)

Methods and Approaches (6 Credit Hours)

ANTH 4500 Applied Anthropology (3)
 ANTH 4610 Methods and Skills in Cross-Cultural Understanding (3)

Inquiries (6 Credit Hours)

Choose two (2) of the following courses:
 ANTH 3300 Ecology, Environment, and Culture (3)
 ANTH 3800 Visual Anthropology (3)
 ANTH 4300 Food, Culture, and Society (3)
 ANTH 4400 Language and Culture (3)*
 BIOL 3108 Human Evolution (3)*

B. Sociology Concentration Foundations (6 Credit Hours)

SOC 1100 Introduction to Sociology (3)
 SOC 3200 Social Inequalities (3)

Methods and Approaches (6 Credit Hours)

SOC 3600 Methods and Skills in Sociological Inquiries (3)
 SOC 3150 Self and Society (3)

Inquiries (6 Credit Hours)

Choose two of the following courses:
 ANSO 4100 Anthropology and Sociology of Religion (3)
 SOC 2800 Sociology of Marriage and Family (3)
 SOC 3700 Sociology of Sports (3)
 SOC 4400 Social Movements (3)

IV. Career Selectives (9 Hours)

Consult course catalog and academic advisers for more information. Language study is highly recommended for students concentrating in Anthropology seeking graduate-level anthropology training. Students may choose language courses to meet selective courses.

ANSO 3400	Material Culture (3)*
ANSO 3500	Music and Society (3)
ANSO 4100	Anthropology and Sociology of Religion (3)
ANSO 4200	Sociology of Organizations (3)
ANSO 4700	Independent Study (1 – 4)
ANSO 4710	Mentored Conference Study (1 – 3)
ANTH 1100	Cultural Anthropology (3)
ANTH 2100	Trends in Cross-Cultural Analysis (3)
ANTH 2500	Archeology (3)
ANTH 3501	Belief and Believers (3)*
ANTH 4000	Topics in Anthropology (3)
ANTH 4100	Urban Anthropology (3)
ANTH 4300	Food, Culture, and Society (3)
ANTH 4500	Applied Anthropology (3)
ANTH 4600	Anthropology in Film (3)
ANTH 4610	Methods and Skills in Cross-Cultural Understanding (3)
ART 3307	Art and Images of Social Justice Movements (3)
BIOL 3108	Human Evolution (3)*
BIOL 4465	Evolution (3)
CJUS 4411	Theories of Crime and Deviance (3)*
COMS 4710	Culture and Communication (3)
GEOG 4470	Human Geography (3)
HONS 4900	Honors Seminar (3)
LAS 4100	Investigations in the Social Sciences (3)
SOC 2800	Sociology of Marriage and Family (3)
SOC 3100	Studies in American Society (3)*
SOC 3150	Self and Society (3)
SOC 3200	Social Inequalities (3)
SOC 3300	Principles of Urban Studies (3)
SOC 3400	Work and Family Life (3)*
SOC 3500	Population Studies (3)
SOC 3600	Methods and Skills in Sociological Inquiries (3)
SOC 3700	Sociology of Sports (3)
SOC 4000	Topics in Sociology (3)
SOC 4250	Community Organization (3)
SOC 4300	Social Gerontology (3)
SOC 4400	Social Movements (3)
SOC 4500	Sociology of Health and Healing (3)*
SOC 4551	Sociology of Ethnic Relations (3)

V. Electives (37 – 41 Hours)

Additional courses as approved by academic advisor.

VI. Total - 120 Hours

NOTE: Courses with an "*" may be substituted with a lower-division course. A total of no more than six credits of Independent Study (ANSO 4700) may be counted toward the major, unless the academic adviser grants specific permission.

Anthropology Minor

The College of Arts and Sciences offers an undergraduate Minor in Anthropology for students majoring in other fields across the University. This minor is particularly appropriate for those students who anticipate significant use of holistic and cross-cultural perspectives and analytic approaches that Anthropology embodies.

Requirements for a Minor in Anthropology

I. General Requirements

Students must meet all requirements for a minor. All required courses and selectives for the minor must be completed with a "C" or higher.

II. Required Courses (12 Hours)

Select four of the following courses:

ANTH 1100	Cultural Anthropology (3)
ANTH 2100	Trends in Cross-Cultural Analysis (3)
ANTH 3300	Ecology, Environment, and Culture (3)
ANTH 3400	Language and Culture (3)
ANTH 3800	Visual Anthropology (3)
ANTH 4500	Applied Anthropology (3)
ANTH 4610	Methods and Skills in Cross-Cultural Understanding (3)
ANSO 4300	Food, Culture, and Society (3)
ANSO 4400	Theories of Social Science (3)
BIOL 3108	Human Evolution (3)

III. Selectives (6 Hours)

Six hours of 3000- and/or 4000- level ANSO and/or ANTH courses with advisor approval.

Total - 18 Hours

Bachelor of Fine Arts in Art

The undergraduate major in Art offers a wide range of courses. Studio courses in ceramics, design, digital imaging, drawing, painting, photography, printmaking, and sculpture enable students to become mature artists in command of diverse materials and capable of expressing an individual view. Capacity for heightened perception and imagination is combined with an awareness of visual elements, principles of design, artistic statement, and criticism.

Classes in art history treat art objects as historical documents related in subject, style, technique, and material to other works of art and interpret their context and purpose. Courses range from contemporary, international, and regional artistic expressions to those of ancient America, Africa, and Asia.

Individualized instruction and advisement are offered by dedicated faculty who view themselves not only as teachers, but as producing and exhibiting artists and publishing scholars. This undergraduate major enables students to become practicing artists and gives them the broad intellectual background sought by professional schools, cultural institutions, and the business community. With the expanding use of the arts in contemporary life and the heightened visual awareness of our society, the employment outlook for Art majors continues to be promising.

Special Admissions Requirements

In addition to meeting university admissions criteria, students must participate in an interview with the faculty at which time the student must submit a portfolio of his or her work. The format for the portfolio can be found on the College of Arts and Sciences website at www.govst.edu/cas.

Degree Requirements

Students must meet all university and program requirements for a bachelor's degree.

I. General Education Requirements (37-41 Hours)

The following courses must be taken to meet major and general education requirements:
Art History I and II (6)

II. Required Lower-Division Preparation (15-18 Hours)

The following courses should be taken at the lower-division level:

Art History (15 Hours)

3 hours in Art History III
12 hours in related fields: history, literature, anthropology, philosophy, or art

Art Studio (15 Hours)

6 hours Drawing
3 hours 2-D Design
3 hours 3-D Design
3 hours of Studio Art

Photography and Digital Imaging (18 Hours)

6 hours Photography
3 hours 2-D Design
3 hours 3-D Design
6 hours Drawing

Art courses up to 75 hours may be transferred based on portfolio review only.

III. Core Art Requirements (18 Hours)

The following courses must be taken at the upper-division level:

ART 3305 Drawing: Life Study (3)
ART 3306 Digital Photography (3)
ART 3325 Advanced Problems in Design (3)
ART 3360 Art Seminar: Concepts and Methods (3)
ART 4980 Senior Project (3)
ART 4515 20th Century Art: Europe and the Americas (3)

IV. Non-Western Art Requirement: (3 Hours)

Select one of the following:

ART 4505 Worlds of Art (3)
ART 4521 Art and Cultures of the South Pacific (3)
ART 4523 Pre-Columbian Art and Cultures (3)
ART 4525 Native American Art and Societies (3)
ART 4527 African Art and Cultures (3)
ART 4530 Asian Art and Thought (3)

V. Western Art Requirement: (3 Hours)

Select one of the following:

ART 4514 American Art (3)
ART 4516 Great Artists (3)
ART 4518 Images of Gender (3)
ART 4520 Art in Context (3)
ART 4542 History of Photography (3)

VI. Selective Requirement: (27-30 Hours)

Select one of the following options:

Art History (27 Hours)

ART 4442 Advanced Art History Seminar (3)
ART 4505 Worlds of Art (3)

Select an additional 21 hours of art history courses with the approval of the advisor.

Ceramics (30 Hours)

ART 3310 Ceramics (3)
ART 4413 Ceramics: Wheel Throwing (3)
ART 4414 Ceramics: Low Fire (3)
ART 4543 Ceramic Sculpture (3)
ART 4552 Ceramics: Methods and Materials (3)
ART 4556 Ceramics: Multiples (3)
ART 4562 Advanced Wheel Throwing (3)
ART 4564 Ceramics: Activating the Object (3)
ART 4568 Combined Media (3)
ART 4700 Independent Study (3)

Painting (27-30 Hours)

ART 3371 Intermediate Drawing (3)
ART 4501 Drawing: Advanced Life Study (3)
ART 4502 Drawing: Combined Media (3)
ART 4555 Painting Composition (3)
ART 4558 Painting and Drawing Composition (3)
ART 4561 Painting: Development of a Theme (3)
ART 4563 Painting: Multi-Level (3)
ART 4700 Independent Study (6-9)*

Photography and Digital Imaging (30 Hours)

ART 3361 Non Traditional Photography (3)
ART 4435 Photographic Imaging Methods (3)

Select 24 Hours from the following:

ART 4000 Topics in Art (0-9)
ART 4509 Electronic Drawing and Design (3)
ART 4528 Digital Motion Graphics (3)
ART 4534 Design for Electronic Publishing (3)
ART 4549 Photography: Combined Color Processes (3)
ART 4542 History of Photography (3)
ART 4554 Documentary Photography (3)
ART 4700 Independent Study (0-6)*

Printmaking (27-30 Hours)

ART 3511 Introduction to Printmaking (3) or
ART 3512 Textile Printing (3)
ART 4585 Printmaking: Computer Applications (3)
ART 4589 Intermediate Printmaking (3)

Select two of the following courses:

ART 4529 Multi-Level Printmaking (3)
ART 4557 Printmaking: Combined Media (3)
ART 4567 Printmaking: New Media (3)
ART 4574 Printmaking: Intaglio (3)
ART 4573 Printmaking: Relief (3)
ART 4570 Intro to Non-Toxic Printmaking (3)
ART 4585 Printmaking: Computer Applications (3)
ART 4581 Printmaking: Advanced Studio
ART 4589 Intermediate Printmaking (3)
ART 4599 Advanced Printmaking (3)
ART 4800 Internship: Printmaking (3-9)

Select an additional four to five of the following courses:

- ART 3312 Textile Printing (3)
- ART 3313 Hand Made Books (3)
- ART 4000 Topics in Art (3)
- ART 4502 Drawing: Combined Media (3)
- ART 4557 Printmaking: Combined Media (3)
- ART 4567 Printmaking: New Media (3)
- ART 4571 Lithography (3)
- ART 4572 Printmaking: Screen Printing (3)
- ART 4585 Printmaking: Computer Applications (3)
- ART 4581 Printmaking: Advanced Studio (3)
- ART 4599 Advanced Printmaking (3)
- ART 4700 Independent Study (0-6)

Sculpture (27 Hours)

- ART 4415 Sculpture Methods and Materials (3)

Select two of the following:

- ART 4441 Wood Sculpture I (3)
- ART 4445 Figure Sculpture (3)

Select at least 18 hours of the following:

- ART 4503 Sculpture Parks and Public Art
- ART 4532 Advanced Topics in Sculpture (3)
- ART 4533 Mixed Media Sculpture (3)
- ART 4535 Metal Fabrication II (3)
- ART 4536 Sculpture: Metal II (3)
- ART 4541 Wood Sculpture II (3)
- ART 4544 Figure Sculpture II (3)
- ART 4551 Advanced Topics in Figure Sculpture (3)

Mixed Media (30 Hours)

Mixed-media students will work with two advisors from varying options. Students will complete 15 hours from each option, including any required course for each option.

- * Independent Studies must be selected with their advisors and must be a different topic if used multiple times to meet degree requirements.

VII. Electives (11-17 Hours)

Electives may be taken from any course in the university. Courses from other institutions will be considered.

IX. Total - 120 Hours

Minor in 3-D Animation and Modeling

The 3-D Animation and Modeling minor is designed for students with an interest in 3D animation. This minor provides an overview of the 3D animation production process. Students utilize 3D computer animation techniques to create animated shorts, digital sculptures, or 3D prints.

I. General Requirements

Students must meet all requirements for a minor.

II. Required Courses (15 Hours)

- ART 4565 or CPSC 4565 3D Modeling (3)
- ART 4566 or CPSC 4566 3D Animation (3)
- ART 4567 or CPSC 4567 3D Rendering (3)
- ART 4569 or CPSC 4569 Intro to 3D Visual Effects (3)
- ART 4632 or CPSC 4632 Digital Sculpting (3)

III. Electives (3 Hours)

- IFDI 5444 or ART 4544 Digital Photographic Imaging (3)
- ART 3305 Drawing: Life Study (3)
- ART 4445 Figure Sculpture (3)
- ART 4528 Digital Motion Graphics (3)
- ART 4570 Character Animation (3)

IV. Total - 18 Hours

Minor in Art

The minor in Art provides students with the fundamentals of the discipline enabling them to shape perception, communicate distinct attitudes, and expand their personal boundaries. Students will develop skills, sensitivity, and aesthetic judgment. Classes in art history interpret works of art within their context and purpose. An ample number of electives (9 hours) permit the student to pursue individual interests either within a particular studio area such as drawing/painting, printmaking, digital arts, photography, and sculpture or within a spectrum of either Western or non-Western art history offerings. The art minor is open to all undergraduates who submit a proposal of study (and portfolio of past artwork) to the appropriate art faculty advisor for individual placement.

I. Required Courses (6 Hours)

- ART 3304 Drawing: Studio (3)
(or upon advisement, ART3305 Drawing: Life Study (3), for students with an extensive drawing background)
- ART 3325 Advanced Problems in Design (3)

II. Art History (6 Hours)

- 3 hours Western Art (American art, great artists, women artists, folk art)
- 3 hours non-Western Art (South Pacific, Pre-Columbian, African, Asian)

III. Selectives (9 Hours)

Studio and/or art history courses

IV. Total - 21 Hours

Open to all undergraduates who meet the above portfolio review stipulation.

Bachelor of Science in Biology

The curriculum for the undergraduate major in Biology provides a strong background in the basic concepts of molecular, organismic, and population biology. In addition, laboratory courses provide the training needed for highly developed laboratory skills. Graduates are qualified for a wide range of entry-level positions as biologists in areas such as pharmaceuticals, biotechnology, education, microbiology, and the environment. Students also are prepared for advancement to medical, dental, and veterinary studies, or for graduate level work in biology, including the master's program in Environmental Biology at GSU.

Degree Requirements

Students must meet all university requirements for a bachelor's degree.

In addition, only grades of "C" or better will be accepted for transfer for the following courses normally taken at the lower-division level: eight hours of general biology with laboratory, three hours of botany with laboratory, three hours of zoology with laboratory, eight hours of general chemistry with laboratory, eight hours of organic chemistry with laboratory, and college algebra.

I. General Education Requirement (38-41 Hours)

The following courses must be taken to meet major and general education requirements:

General Biology I with Laboratory (4)
General Chemistry I with Laboratory (4)
MATH 2281 Applied Calculus (3)

II. Required Courses (63 Hours)

The following courses must be taken at the lower-division level:

General Biology II with Laboratory (4)
General Chemistry II with Laboratory (4)

The following courses can be taken at either the lower-division or upper-division level::

Botany with Laboratory (3)
Zoology with Laboratory (3)
Organic Chemistry with Laboratory (8)
BIOL 3360 Comparative Anatomy (3)
BIOL 3361 Comparative Anatomy Laboratory (1)
BIOL 4430 Microbiology (3)
BIOL 4431 Microbiology Laboratory (1)
PHYS 2141 Intermediate Physics I (3)
PHYS 2142 Intermediate Physics I Laboratory (1)
PHYS 2143 Intermediate Physics II (3)
PHYS 2144 Intermediate Physics II Laboratory (1)

The following courses must be taken at the upper-division level:

BIOL 3322 Ecology (3)
BIOL 3323 Ecology Laboratory (1)
BIOL 3340 Genetics (3)
BIOL 3370 Cell Biology (3)
BIOL 3371 Cell Biology Laboratory (1)
BIOL 4450 Animal Physiology (3)
BIOL 4451 Animal Physiology Laboratory (1)
BIOL 4460 Plant Physiology (3)
BIOL 4461 Plant Physiology Laboratory (1)
BIOL 4465 Evolution (3)
BIOL 4990 Undergraduate Research I (1)
BIOL 4992 Undergraduate Research II (1)
STAT 4219 Statistical Methods (3)

III. Computer Science Selective (3 Hours)

Select one of the following, which may be taken at either the lower-division or upper-division level:

CPSC 2005 Introduction to Computer Technology (3)
CPSC 3120 Computer Programming: Visual BASIC (3)

IV. Upper-Division Applications Selectives (9 Hours)

Select nine hours from the following courses:

BIOL 4510 Biological Literature (1)
BIOL 4522 Ornithology (1)
BIOL 4523 Ornithology Laboratory (2)
BIOL 4530 Biotechnology (2)
BIOL 4531 Biotechnology Laboratory (1)
BIOL 4555 Mammalogy (2)
BIOL 4556 Mammalogy Laboratory (1)

BIOL 4560 Plant Systematics (2)
BIOL 4561 Plant Systematics Laboratory (1)
BIOL 4570 Immunology (3)
BIOL 4580 Behavioral Ecology (3)
Other biology courses as approved by the academic advisor.

V. Electives (7 Hours)

May include credit-hours needed to meet minor requirements. Additional courses such as Analytical Chemistry (CHEM3233/3234) and Biochemistry (CHEM5331/5332) are strongly recommended. Either of these courses will complete a minor in Chemistry.

VI. Total - 120 Hours

Biology Minor

An undergraduate minor in Biology is offered for students who wish to supplement a major in another discipline with significant preparation in biology. The minor will generally enhance prospects for employment in education, industry, or the health professions, and for admission to graduate or professional school.

General Requirements

Students must meet all university requirements for a minor. In addition, students must:

- complete at least one course at the upper-division level; and
- submit transfer courses potentially applicable to the minor to the biology advisor during the first week of the semester of intended graduation.

I. Required Courses (14 Hours)

The following courses must be taken at the lower-division level:
General Biology I & II with Labs (8)

The following courses can be taken at either the lower-division or upper-division level:

BIOL 3316 Plant Diversity Lecture (2)
BIOL 3317 Plant Diversity Laboratory (1)
or lower-division Botany with Lab
BIOL 3320 Animal Diversity (2)
BIOL 3321 Animal Diversity Laboratory (1)
or lower-division Zoology with Lab

II. Selective (6 Hours or more)

BIOL 3108 Human Evolution (3)
BIOL 3112 Human Genetics (3)
BIOL 3322 Ecology (3)
BIOL 3323 Ecology Laboratory (1)
BIOL 3360 Comparative Anatomy (3)
BIOL 3361 Comparative Anatomy Laboratory (1)
BIOL 4580 Behavioral Ecology (3)

Other upper-division level biology courses may be accepted at the discretion of the advisor for the minor.

III. Total Credit-hours - 20 Hours

Bachelor of Science in Biology with a Teacher Education Concentration

The curriculum for the undergraduate major in Biology with a teacher education concentration provides a strong background in the basic concepts of molecular, organismic, and population biology for the student who is interested in a career in science teaching at the secondary level.

Teacher Licensure

This program is approved by the Illinois State Board of Education and leads to the Initial Secondary License qualifying students to teach biology and general science. Students who major in biology with a concentration in secondary education may obtain an endorsement that prepares them for teaching in the middle school. Students wishing to pursue this endorsement must take three hours in the psychology of early adolescent development, three hours in curriculum instruction and three hours of methods related to the middle school. Students should contact their advisor for specific course requirements.

To be recommended for an Illinois State Board of Education teaching license, the student must present evidence of having passed the Basic Skills, Subject-Matter Knowledge, and Assessment of Professional Teaching examinations of the Illinois Licensure Testing System.

Students must meet other requirements for licensure through approved programs listed in the Licensure of Teachers and Other School Professionals section in the catalog.

Admission to Biology Teacher Education

In addition to meeting all university admissions requirements for undergraduate students, applicants must meet the following requirements to continue in the program:

1. have a cumulative G.P.A. of 2.75 or higher in all lower division courses applied to the degree program;
2. submit a word-processed essay not to exceed 300 words explaining why the applicant wishes to be a teacher;
3. submit evidence of having passed the Test of Academic Proficiency (formerly Basic Skills) of the Illinois Licensure Testing System;
4. submit scores from the ETS Proficiency Profile;
5. complete EDUC2310 (or equivalent) with a grade of "B" or better, and
6. Attend the Secondary Education Orientation.

All candidates for Illinois teacher licensure at Governors State University are required to submit to an Adam Walsh fingerprint-based criminal background check by Accurate Biometrics prior to their initial field experience in the schools. For more information on this testing and available test sites, please visit accuratebiometrics.com. Consult with your advisor for information concerning the related GSU policies and procedures.

Student Progress

The faculty monitors and evaluates student progress continually. The section, Licensure of Teachers and Other School Professionals, in this catalog provides a general description of the standards used to evaluate student progress. A more detailed statement of the standards and processes followed by the secondary education faculty is available in the Secondary Education Undergraduate Student Handbook.

Conditional Continuation

The faculty may permit a student to continue conditionally. In such cases, faculty reviews of the student's records identify evidence that the student will likely be successful in the program. The status of all students allowed to continue under conditions is reviewed by the faculty each term, and the students are informed in writing of the conditions necessary for them to be transferred to good standing status. When conditions are met, the student is informed in writing of the transfer to good standing status. A student may not be admitted to student teaching without being in good standing status.

Admission to Student Teaching

Students must apply for admission to student teaching before enrolling in EDUC4999: Student Teaching. An application for admission to student teaching must be submitted to the director of Field Experiences in the Division of Education. The application must be submitted by November 30 for the fall term and January 31 for the spring term preceding the academic year in which the student intends to teach. Student teaching is not offered in the summer term. This application for student teaching will certify that the student applying has or will have met the following requirements:

1. completed at least 48 hours of general education requirements with a G.P.A. of 2.75 or higher,
2. completed professional education course requirements, except student teaching, including a minimum of 100 clock-hours of field experience with a G.P.A. of 3.0 or higher, with a grade of "C" or better in each course, and EDUC4330 and EDUC4340 with a grade of "B" or better;
3. must have completed methods course no more than two years prior to the commencement of student teaching;
4. have no more than six hours remaining to be completed in the major in which the student is enrolled with a G.P.A. of 3.0 or higher and completed all courses with a grade of "C" or better;
5. met all state requirements applicable to the subject matter area(s) in which the student will teach as outlined in Section IX, Staff Qualifications of the Illinois State Board of Education publication, Minimum Requirements for State Licensure;
6. submit evidence of having passed the Biology content area exam of the Illinois Licensure Testing System; and
7. received a positive recommendation from the Secondary Education Student Progress Committee.

Degree Requirements

Students must meet all university requirements for a bachelor's degree; and, in addition, students must complete the General Education Requirement for Teacher Licensure, Initial Secondary License listed below. Completion of this requirement meets the general education requirement. In addition, students must:

1. have a cumulative G.P.A. of 2.5 or higher;
2. earn a grade of "C" or better in all general education courses;
3. have a G.P.A. of 2.75 or higher for all general education courses;
4. have a G.P.A. of 3.0 or higher in biology and chemistry courses with a grade of "C" or better in each course;
5. have a G.P.A. of 3.0 or higher for EDUC2101, EDUC4440, and SPED2100, with a grade of "C" or better in each course;
6. earn a grade of "B" or better in EDUC2310, EDUC4330, and EDUC4340;
7. earn a grade of "B" or better in EDUC4999;
8. complete a minimum of 100 clock-hours of supervised pre-student teaching experiences;
9. provide evidence of successful completion of the Illinois and U.S. Constitution examinations;
10. complete at least one three-hour course in nonwestern or third world cultures;
11. complete the following course work with a grade of "B" or better: eight hours of general biology with laboratory, three hours of botany with laboratory, three hours of zoology with laboratory, eight hours of general chemistry with laboratory, eight hours of organic chemistry with laboratory;
12. show evidence of having passed the Assessment of Professional Teaching;
13. meet any additional requirements listed in the Teacher Licensure section of this catalog; and
14. receive a positive recommendation from the Secondary Education Student Progress Committee.

I. General Education Requirements for Teacher Licensure, Initial Secondary License, Biology (48 Hours)

The following courses must be taken at the lower-division level:

- General Biology with Lab (8)
- General Chemistry with Lab (8)

The following courses can be taken at either the lower-division or upper-division level and must include at least one three-hour course in non-Western or Third World cultures:

- Written Communication (6)
- Oral Communication (3)
- American History (3)
- U.S. Government (3)
- Humanities (6)
- Fine Arts (3)
- Introduction to Psychology (3)
- Health (2)

MATH 2281 Applied Calculus (3)

II. Required Courses (85 Hours)

The following courses can be taken at either the lower-division or upper-division level:

- Botany with Laboratory (3)
- Zoology with Laboratory (3)
- Organic Chemistry with Laboratory (8)
- BIOL 3360 Comparative Anatomy (3)
- BIOL 3361 Comparative Anatomy Laboratory (3)
- BIOL 4430 Microbiology (3)
- BIOL 4431 Microbiology Laboratory (1)
- EDUC 2310 Foundations of Education (3)
- PHYS 2141 Intermediate Physics I (3)
- PHYS 2142 Intermediate Physics I Laboratory (1)
- PHYS 2143 Intermediate Physics II (3)
- PHYS 2144 Intermediate Physics II Laboratory (1)
- SPED 2100 Survey of Exceptional Students (3)

The following courses must be taken at the upper-division level:

- BIOL 3322 Ecology (3)
- BIOL 3323 Ecology Laboratory (1)
- BIOL 3340 Genetics (3)
- BIOL 3370 Cell Biology (3)
- BIOL 3371 Cell Biology Laboratory (1)
- BIOL 4450 Animal Physiology (3)
- BIOL 4451 Animal Physiology Laboratory (1)
- BIOL 4460 Plant Physiology (3)
- BIOL 4461 Plant Physiology Laboratory (1)
- BIOL 4491 Undergraduate Research I (1)
- BIOL 4492 Undergraduate Research II (1)
- EDCP 2101 Introduction to Educational Technology (3)
- EDUC 4330 Principles of Science Education (3)
- EDUC 4340 Teaching Secondary School Science (3)
- EDUC 4440 Educational Psychology in Action (3)
- EDUC 4999 Student Teaching: Secondary Biology (12)
- PHYS 1200 Earth and Space Science (3)
- STAT 4129 Statistical Methods (3)

III. Total - 135 Hours

Bachelor of Science in Chemistry

The curriculum for the undergraduate major in Chemistry provides a strong background in the basic concepts of analytical, biochemical, inorganic, organic, and physical chemistry. Laboratory courses provide hands-on experience in the operation of a number of modern scientific instruments. Upon graduation, the student is prepared for employment in government and industrial laboratories in a variety of entry-level positions. The program provides the necessary preparation for graduate work at the M.S. or Ph.D. level in chemistry and meets all requirements for admission to the M.S. in Analytical Chemistry at Governors State University.

American Chemical Society Certification

The B.S. in Chemistry at Governors State University is approved by the American Chemical Society. The American Chemical Society approves professional programs designed to meet guidelines that define high quality undergraduate education. Students qualify for certification by completing the degree requirements below, including at least six hours of advanced courses and sufficient laboratory course work for a total of 500 laboratory hours. All qualified graduates will receive certification by the American Chemical Society.

Certified graduates are eligible for full membership in the American Chemical Society immediately upon graduation.

Degree Requirements

Students must meet all university requirements for a bachelor's degree.

In addition, only grades of "C" or better will be accepted for transfer for the following courses normally taken at the lower-division level: eight hours of general chemistry with laboratory, eight hours of organic chemistry with laboratory, eight hours of physics with laboratory, and eight hours of calculus.

I. General Education Requirement (37-41)

The following courses must be taken, at the lower-division level, to meet major and general education requirements:

General Chemistry I with Laboratory (4)
Calculus I (4)

II. Required Courses (58 Hours)

The following courses must be taken at the lower-division level:

General Chemistry II with Laboratory (4)
Calculus II (4)

The following courses can be taken at either the lower-division or upper-division level:

Organic Chemistry with Laboratory (8)
Physics with Laboratory (8)
CHEM 3233 Analytical Chemistry (3)
CHEM 3234 Analytical Chemistry Laboratory (1)
MATH 3271 Differential Equations (3)

The following courses must be taken at the upper-division level:

CHEM 3135 Chemical Safety (1)
CHEM 3145 Chemistry and Ethics (1)
CHEM 3641 Physical Chemistry I: Lecture (3)
CHEM 3642 Physical Chemistry I: Laboratory (1)
CHEM 3643 Physical Chemistry II: Lecture (3)
CHEM 3644 Physical Chemistry II: Laboratory (1)
CHEM 4155 Chemical Literature (1)
CHEM 4743 Instrumental Analysis (3)
CHEM 4744 Instrumental Analysis Laboratory (1)
CHEM 4443 Advanced Inorganic Chemistry (3)
CHEM 4444 Advanced Inorganic Chemistry Laboratory (1)
CHEM 4552 Introduction to Chemistry Software and Molecular Modeling (1)
CHEM 4331 Biochemistry Lecture I (3)
CHEM 4332 Biochemistry Laboratory (1)
STAT 4219 Statistical Methods (3)

III. Advanced Laboratory Selective (2 Hours)

CHEM 4952 Organic Synthesis and Structural Methods (2)
CHEM 4962 Undergraduate Research Experience (2)

IV. Computer Science Selective (3 Hours)

Select one of the following which may be taken at either the lower-division or upper-division level:

CPSC 2005 Introduction to Computer Technology (3)
CPSC 3120 Computer Programming: Visual BASIC (3)

V. Biology Selective (3 Hours)*

Select three hours of lower-division or upper-division biology course work.

VI. Advanced Selectives (6 Hours)

Select six hours from the following courses.

CHEM 4990 Chemistry Research (1-3)
CHEM 5145 Environmental Chemistry Lecture (3)
CHEM 5146 Environmental Chemistry Laboratory (1)
CHEM 5157 Polymer Chemistry (3)
CHEM 5167 Industrial Chemistry (3)
CHEM 4333 Biochemistry: Lecture II (3)

Other science courses as approved by academic advisor.

VII. Electives (7-11 Hours)

VIII. Total - 120 Hours

* May be used to meet the general education requirements and will increase the number of electives required.

Chemistry Minor

An undergraduate minor in Chemistry is offered to students majoring in other fields who wish to supplement their preparation in a major discipline with a substantial amount of course work in chemistry. The minor in Chemistry is particularly appropriate for those students who would like to develop a theoretical understanding of chemistry and fundamental laboratory skills. A minor in Chemistry will generally enhance the prospects of students for employment in industry and education and for admission to graduate or professional schools.

Requirements for the Minor

Students must meet all university requirements for a minor.

In addition, students must:

- complete at least one course at the upper-division level; and
- submit transfer courses to the advisor for the minor for approval by the first week of the term of intended graduation.

I. Required Courses (16 Hours)

The following courses must be taken at the lower-division level: General Chemistry I and II with Labs (8)

The following courses can be taken at either the lower-division or upper-division level:

CHEM 3531 Organic Chemistry I Lecture (3)
CHEM 3532 Organic Chemistry I Laboratory (1)
CHEM 3533 Organic Chemistry II Lecture (3)
CHEM 3534 Organic Chemistry II Laboratory (1)

II. Selective (4 or more Hours)

Select one course with its corresponding lab:

CHEM 3233 Analytical Chemistry (3)
CHEM 3234 Analytical Chemistry Laboratory (1) or
CHEM 4331 Biochemistry Lecture (3)
CHEM 4332 Biochemistry Laboratory (1)

Other upper-division level chemistry courses may be accepted in this category at the discretion of the advisor for the minor.

III. Total - 20 Hours

Bachelor of Science in Chemistry with a Teacher Education Concentration

The curriculum for the undergraduate major in Chemistry with a teacher education concentration provides a strong background in the basic concepts of analytical, organic, physical, and inorganic chemistry for the student who is interested in a career in science teaching at the secondary level.

Teacher Licensure

This program is approved by the Illinois State Board of Education and leads to the Initial Secondary License qualifying students to teach chemistry. Students who major in Chemistry with a sequence in Secondary Education may obtain an endorsement that prepares them for teaching in the middle school. Students wishing to pursue this endorsement must take three hours in the psychology of early adolescent development, three hours in curriculum instruction and three hours of methods related to the middle school. Students should contact their advisor for specific course requirements.

To be recommended for an Illinois State Board of Education teaching license, the student must present evidence of having passed the Basic Skills, Subject-Matter Knowledge, and Assessment of Professional Teaching examinations of the Illinois Licensure Testing System.

Students must meet other requirements for licensure through approved programs listed in the Licensure of Teachers and Other School Professionals section in the catalog.

Admission to Chemistry Teacher Education

In addition to meeting all university admission requirements for undergraduate students, applicants must meet the following requirements to continue in the program:

1. have a cumulative G.P.A. of 2.75 or higher in all lower division course work applied to the degree program;
2. submit a word-processed essay not to exceed 300 words explaining why the applicant wishes to be a teacher;
3. submit evidence of having passed the Basic Skills Test of the Illinois Licensure Testing System;
4. submit scores from the ETS Proficiency Profile;
5. complete EDUC2310 (or equivalent) with a grade of "B" or better; and
6. attend a Secondary Education Orientation.

All candidates for Illinois teacher licensure at Governors State University are required to submit a criminal background check by Accurate Biometrics prior to their initial field experience in the schools. For more information on this testing and available test sites, visit accuratebiometrics.com. Consult with your advisor for information concerning the related GSU policies and procedures.

Student Progress

The faculty monitors and evaluates student progress continually. The section, Licensure of Teachers and Other School Professionals, in the catalog provides a general description of the standards used to evaluate student progress. A more detailed statement of the standards and processes followed by the secondary education faculty is available in the Secondary Education Undergraduate Student Handbook.

Conditional Continuation

The faculty may permit a student to continue conditionally.

In such cases, faculty reviews of the student's records identify evidence that the student will likely be successful in the program. Students are informed in writing of the conditions necessary for them to be transferred to good standing status. The status of all students allowed to continue under conditions is reviewed by the faculty each term. When conditions are met, the student must inform the Secondary Education Progress Committee in writing. The Committee will inform the student in writing of the transfer to good standing status. A student may not be admitted to student teaching without being in good standing status.

Admission to Student Teaching

Students must apply for admission to student teaching before enrolling in EDUC4999, Student Teaching. An application for admission to student teaching must be submitted to the Director of Field Experiences in the College of Education. The application must be submitted by November 30 for the fall term and January 31 for the spring term proceeding the academic year in which the student intends to teach. Student teaching is not offered in the summer term. This application for student teaching will certify that the student applying has or will have met the following requirements: [second sentence revised]

1. completed at least 59 hours of general education requirements with a G.P.A. of 2.75 or higher in courses taken at Governors State University;
2. completed professional education course requirements, except student teaching, including a minimum of 100 clock-hours of field experience with a G.P.A. of 3.0 or higher, with a grade of "C" or better in each course, and EDUC4330 and EDUC4340 with a grade of "B" or better;
3. must have completed methods courses no more than two years prior to the commencement of student teaching;
4. have no more than six hours remaining to be completed in the major in which he/she is enrolled with a G.P.A. of 3.0 or higher, completing all courses with a grade of "C" or better;
5. met all state requirements applicable to the subject matter area(s) in which he/she will teach as outlined in Section IX, Staff Qualifications of the Illinois State Board of Education publication, Minimum Requirements for State Licensure;
6. submit evidence of having passed the Chemistry Content

Area examination of the Illinois Licensure Testing System; and

7. receive a positive recommendation from the Secondary Education Student Progress Committee.

Degree Requirements

Students must meet all university requirements for a bachelor's degree within five years of admission to the program. Students must complete the General Education Requirement for Teacher Licensure, Initial Secondary License listed below. Completion of this requirement meets the general education requirement.

In addition, students must:

1. have a cumulative G.P.A. of 2.75 or higher;
2. earn a grade of "C" or better in all general education courses;
3. have a G.P.A. of 2.75 or higher for all general education courses;
4. have a G.P.A. of 3.0 or higher in chemistry, biology, physics and earth science courses with a grade of "C" or better in each course;
5. have a G.P.A. of 3.0 or higher for EDUC2101, EDUC4440, and SPED2100 with a grade of "C" or better in each course;
6. earn a grade of "B" or better in EDUC2310, EDUC4330, and EDUC4340;
7. have earned a grade of "B" or better in EDUC4999;
8. complete a minimum of 100 clock-hours of supervised pre-student teaching experiences;
9. provide evidence of successful completion of the Illinois and U.S. Constitution examinations;
10. complete at least one three-hour course in non-Western or Third World Cultures;
11. complete eight hours of general chemistry with laboratory with a grade of "B" or better;
12. show evidence of having passed the Assessment of Professional Teaching;
13. meet any additional requirements listed in the Teacher Licensure section of this catalog; and
14. receive a positive recommendation from the Secondary Education Student Progress Committee.

I. General Education Requirement for Teacher Licensure, Initial Secondary License Chemistry (60 Hours)

The following courses must be taken at the lower-division level:
 General Chemistry with Laboratory (8)
 Calculus (8)

The following courses can be taken at either the lower-division or upper-division level and must include at least one three-hour course in non-Western or Third World cultures:

- Physics with Laboratory (8)
- Written Communication (6)
- Oral Communication (3)
- American History (3)
- Humanities (6)
- Fine Arts (3)
- U.S. Government (3)
- Introduction to Psychology (3)
- Health (2)
- Biological Foundations (7)

II. Required Courses (65 Hours)

The following courses can be taken at either the lower-division or upper-division level:

- Organic Chemistry with Laboratory (8)
- CHEM 3233 Analytical Chemistry (3)
- CHEM 3234 Analytical Chemistry Laboratory (1)
- EDUC 2310 Foundations of Education (3)
- SPED 2100 Survey of Exceptional Students (3)

The following courses must be taken at the upper-division level:

- CHEM 3135 Chemical Safety (1)
- CHEM 3641 Physical Chemistry I: Lecture (3)
- CHEM 3642 Physical Chemistry I: Laboratory (1)
- CHEM 3643 Physical Chemistry II: Lecture (3)
- CHEM 3644 Physical Chemistry II: Laboratory (1)
- CHEM 5145 Environmental Chemistry Lecture (3)
- CHEM 5146 Environmental Chemistry Laboratory (1)
- CHEM 4331 Biochemistry: Lecture (3)
- CHEM 4332 Biochemistry: Laboratory (1)
- EDCP 2101 Introduction to Educational Technology (3)
- EDUC 4330 Principles of Science Education (3)
- EDUC 4340 Teaching Secondary School Science (3)
- EDUC 4440 Educational Psychology in Action (3)
- EDUC 4999 Student Teaching: Secondary Chemistry (12)
- PHYS 1200 Earth and Space Science (3)
- STAT 4219 Statistical Methods (3)

III. Chemistry Selective (1 Hour)

Select one of the following which may be taken at the upper-division level:

- CHEM 4962 Undergraduate Research Experience (2)
- CHEM 4990 Chemistry Research (1-4)

IV. Total - 126 Hours

Bachelor of Arts in Communication

Students in the undergraduate major in Communication develop a practical and theoretical understanding of the processes and impact of human and media communication. The curriculum is designed to assist students in developing their abilities to communicate effectively and ethically in written, verbal, and visual forms within shifting technological, socio-cultural, political, leadership, and economic environments. Students are prepared to exemplify professional communication practices that promote human relations as informed and engaged global citizens.

In addition to a core of communication courses, students majoring in Communication choose a sequence of courses in advertising and public relations; journalism; filmmaking and multimedia, or human communication. Each sequence includes practical skills as well as the applied understanding necessary for career development. To gain real world experience, students may apply for internships in commercial and not-for-profit organizations, as well as Chicago media, or in the university's division of Digital Learning and Media Design that creates media and learning tools, university publications, and multimedia courseware.

A concentration in advertising and public relations offers students a broad foundation in the theory and skills necessary for a career in these forms of strategic communication. Students interested in the field of journalism will explore the practices and theories of both traditional and contemporary forms of reporting in applied contexts throughout the jour-

nalism concentration. The undergraduate concentration in filmmaking and multimedia is designed for the student who wishes to pursue creative development and applied experience in media conception, writing, production, editing, and cinema studies. The human communication concentration explores multiple aspects of human interaction providing a foundation for students to communicate effectively and with integrity as informed and engaged global citizens. Students in any concentration are also encouraged to choose a minor, such as American Studies, Gender and Sexuality Studies, or Latino Studies. Graduates of the program have careers in professions such as advertising, public relations, consulting, mentoring, customer service, sales, human resources and training, media management, media writing, public affairs, and TV production/directing in network and cable systems. The Communication program offers instruction with computer and multimedia technology that is annually augmented and always contemporary, if not ahead of the curve.

Degree Requirements

Students must meet all university requirements for a bachelor's degree. In addition, students must earn a grade of "C" or better in all required Communication courses. Students not receiving a "C" or higher are only allowed to repeat the course once.

Some required and selective courses are offered only once per academic year. Students are strongly advised to register well in advance of the start of courses, and to consult closely with their assigned advisors upon entering and while in the program to ensure individual study plans are aligned with the university schedule. No more than three credit hours of COMS 4050 may be applied to the degree. Transfer students should take COMS 3100 in their first term.

I. General Education Requirement (37-41 Hours)

See front of catalog for general education requirements.

II. Foundation Courses (9 Hours)

Select three courses from the following:

- COMS 2100 Foundations of Communication (3)
- COMS 2425 Small Group Communication (3)
- COMS 2710 Survey of Intercultural Communication (3)
- MCOM2220 Broadcasting in America (3)
- MCOM2230 Intro to News Writing (3)
- MCOM2361 Intro to Advertising (3)
- MCOM2451 Intro to Public Relations (3)
- MCOM2520 Intro to Media & Society (3)
- MCOM2700 Intro to On-Air Performance (3)
- MST 2100 Intro to Media Production (3)
- MST 2102 Digital Video Writing (3)

III. Core Courses (18 Hours)

The following courses must be taken at the upper-division level:

- COMS 3100 Introduction to Communication (3)
- COMS 3160 Advanced Public Speaking (3)
- COMS 4110 Communication Research (3)
- COMS 4850 Communication Ethics (3)
- COMS 4900 Senior Seminar (3)

Select one of the following:

- COMS 4350 Gender and Communication (3)
- COMS 4710 Culture and Communication (3)
- COMS 4720 Communication & Identity (3)
- COMS 4750 Critical Gender and Sexualities (3)

IV. Concentrations (15-25 Hours)

Select one of the following four concentrations:

Advertising and Public Relations

Required Courses (23-25 Hours)

- MCOM 3725 Layout, Design, and Production (3)
- MCOM 4361 Advertising and Society (3)
- MCOM 4379 Creative Strategies in Advertising and Public Relations (3)
- MCOM 4451 Public Relations in Society (3)
- MCOM 4800 Internship (2-4)

Select one of the following:

- MCOM 4230 Reporting and Editing (3)
- MST 4130 Advanced Writing for Multimedia (3)

Select one of the following:

- MCOM 4275 Strategic Media Planning and Management (3)
- MCOM 4452 Public Relations Case Studies (3)
- MCOM 4512 Media Communications Law (3)

Select one of the following:

- MCOM 4070 Media Workshop (3)
- MCOM 4365 Advertising as Communication (3)
- COMS 4452 Communicating with Clients and Customers (3)
- MST 3212 Social Media (3)

Journalism

Required Courses (21 Hours)

- MCOM 3220 Online Journalism (3)
- MCOM 4230 Reporting and Editing (3)
- MCOM 4255 Broadcast Journalism (3)
- MCOM 4800 Internship (3)

Select one of the following:

- MCOM 3725 Layout, Design, and Production (3)
- MCOM 3740 Media Production Techniques: Field & Studio (4)
- MST 3750 Media Storytelling (3)

Select one of the following:

- MCOM 4210 Theory and History of a Free Press (3)
- MCOM 4512 Media Communications Law (3)

Select one of the following:

- MCOM 4070 Media Workshop (3)
- MCOM 4270 The Newsroom (3)
- MCOM 4560 Women in Media (3)
- MCOM 4725 Advanced Design and Production (3)
- MST 3212 Social Media (3)
- MST 4130 Advanced Writing for Multimedia (3)

Filmmaking and Multimedia

Required Courses (18 Hours)

Select one of the following:

- MCOM 4731 Screenwriting (3)
- MST 4130 Advanced Writing for Multimedia (3)

Select five classes (15 credit hours or more) from among the following selections:

- ART 4544 Digital Photographic Imaging (3)
- MCOM 3740 Media Production Techniques: Field & Studio (4)
- MCOM 4040 Film Seminar (3)
- MCOM 4070 Media Workshop (3)
- MCOM 4702 Digital Film Production (3)
- MCOM 4734 Video Production Editing (4)
- MCOM 4735 Documentary Filmmaking (3)
- MCOM 4746 Advanced Video Editing (4)

MCOM4777 Cinematography (3)
MCOM4800 Internship (3)

Human Communication

Required Courses (18 Hours)

COMS 4100 Communication Theory (3)

Select one of the following:

ENGL 4100 Advanced Composition (3)

TAPS 4200 Writing as Performance (3)

Select four classes, with at least one class from each of the following categories:

Interpersonal Communication

COMS 4130 Interpersonal Skills (3)

COMS 4125 Listening (3)

COMS 4330 Intrapersonal Communication (3)

Business and Organizational Communication

COMS 4400 Corporate and Community Communication Systems (3)

COMS 4425 Group Communication and Leadership (3)

COMS 4435 Conflict Management (3)

Public Communication

COMS 4160 Persuasive Theory and Practice (3)

COMS 4500 Political Communication (3)

COMS 4780 Rhetoric and Popular Culture (3)

V. Communication Electives (6-9 Hours)

Select six to nine hours of upper division communication courses with advisor approval.

Human Communication Minor

An undergraduate minor in Human Communication is offered for students majoring in other fields. This minor is particularly appropriate for those students who anticipate significant use of communications skills in their chosen field and who wish to develop additional marketable skills.

Requirements for the Minor

COMS 2100 Concept of Human Communication (3)

COMS 3160 Advanced Public Speaking (3)

COMS 4130 Interpersonal Skills (3)

Nine hours from communication courses 4999-level or below (9)

Total -18 Hours

Bachelor of Science in Computer Science

The undergraduate major in Computer Science provides a balance between theoretical and applied study and is intended for students who are primarily interested in the application of computers and information technology to problem-solving. The curriculum is designed to prepare students for positions in business and industry, in local, state, and federal government agencies, and in research and technical organizations as programmers, network professionals, database professionals, systems analysts, systems designers, information security professionals, and software engineers. The curriculum also prepares students for graduate work in computer science and other relevant fields.

Degree Requirements

Students must meet all university requirements for a bachelor's degree.

In addition, students must complete the following course work with a grade of "C" or better: CPSC 2100, CPSC 3310, CPSC3148, CPSC4190, and CPSC4205.

I. General Education Requirement (38-41 Hours)

The following courses must be taken to meet major and general education requirements:
MATH 2281 Applied Calculus (3)

II. Foundation Courses (3-6 Hours)

CPSC 2100 Introduction to Computing (3)
CPSC 3148 Computer Programming in Java (3)

III. Required Courses (30 Hours)

CPSC 3099 Junior Seminar (3)
CPSC 3310 Introduction to Object-Oriented Programming (3)
CPSC 4190 Introduction to Software Engineering (3)
CPSC 4205 Computer Organization (3)
CPSC 4335 Operating Systems (3)
CPSC 4338 Discrete Structures (3)
CPSC 4342 Introduction to Computer Networks (3)
CPSC 4345 Database Systems (3)
CPSC 4355 Data Structures and Algorithms (3)
CPSC 4900 Senior Project and Seminar (3)

IV. Advanced Selective Courses (27 Hours)

Computer Animation/Graphics

CPSC 4565 3D Modeling (3)
CPSC 4566 3D Animation (3)
CPSC 4567 3D Rendering (3)
CPSC 4569 Introduction to 3D Visual Effects (3)

Computer Programming

CPSC 3145 Computer Programming: C++ (3)
CPSC 4148 Advanced Programming Using Java (3)
CPSC 4520 Windows Programming: Visual Basic.NET II (3)
CPSC 4435 Secure Programming (3)

Computer Systems

CPSC 4535 Introduction to the UNIX System (3)
CPSC 4570 Windows Systems (3)
CPSC 4572 Advanced Windows Administration (3)
IT 4455 Secure Operating Systems (3)

Database Systems

- CPSC 4358 Database Programming (3)
 CPSC 4576 Database Design Administration on SQL Servers (3)
 CPSC 4790 Data Mining and Business Intelligence (3)

Game Design

- CPSC 4566 3D Animation (3)
 CPSC 4630 Game Modeling and Animation (3)
 CPSC 4631 Game Design (3)

Web/Mobile Applications

- CPSC 4137 Web Applications (3)
 CPSC 4437 Web Applications and Development II (3)
 CPSC 4530 Mobile Applications Development (3)

V. Electives (16-23 Hours)**VI. Total - 120 Hours****Computer Science Minor**

An undergraduate minor in Computer Science is offered for students majoring in other fields who wish to supplement their preparation in a major discipline with a substantial amount of course work in computer science. The minor in Computer Science is particularly appropriate for those students who anticipate significant use of a computer during the pursuit of their chosen majors or who would like to develop additional marketable skills to supplement and complement their major studies.

Requirements for the Minor

Students must meet all university requirements for a minor. In addition, students must:

1. complete at least one course at the upper-division level; and
2. submit transfer courses to the advisor for the minor for approval by the first week of the term of intended graduation.

I. Required Courses (22 Hours)

- CPSC 2005 Introduction to Computer Technology (3)
 CPSC 3148 Computer Programming in JAVA (3)
- CPSC 4137 Web Applications (3)
 CPSC 4190 Introduction to Software Engineering (3)
 CPSC 4530 Mobile Applications Development (3)
- CPSC 4580 Information Security (3)

II. Total - 18 Hours**Game Design Minor**

An undergraduate minor in Game Design from Computer Science is offered for students majoring in other fields who wish to supplement their preparation in a major discipline with a substantial amount of course work in 3D computer graphics. The minor in Game Design is particularly appropriate for those students who anticipate significant use of 3D computer animation techniques in the field of game development and simulation. Student can also integrate 3D production skills toward animation shorts, films, visual effect and motion graphics.

Requirements for the Minor

Students must meet all university requirements for a minor. In addition, students must:

1. completed with a "C" or higher for all required courses and selective for the minor
2. submit transfer courses to the advisor for the minor for approval by the first week of the term of intended graduation.

I. Required Courses (15 Hours)

- CPSC 4565 3D Modeling (3)
 CPSC 4566 3D Animation (3)
 CPSC 4567 3D Rendering (3)
 CPSC 4630 Game Modeling and Animation (3)
 CPSC 4631 Game Design (3)

II. Selectives (3 Hours)

- CPSC 4632 Digital Sculpting (3)
 CPSC 4569 Intro to 3D Special Effects (3)

III. Total - 18 Hours**Bachelor of Arts in Criminal Justice**

Criminal Justice as a field of study covers traditional aspects of the criminal justice system: law enforcement, courts and the judiciary, corrections, and juvenile justice. It also recognizes the interdependence of historical and social traditions, values, politics, economics, and legal structures that necessarily impact on policy questions in a democratic society. The Criminal Justice major focuses on the social problems of crime and delinquency and traditional and non-traditional methods of managing these problems for the social good.

The requirements of the B.A. degree in Criminal Justice include courses covering:

- a number of different perspectives important to the understanding of crime;
- the processes, contingencies, and policy issues relevant to each component of the criminal justice system;
- crime prevention; constitutional rights and restraints; and
- development of writing and analytical skills through research and computer applications.

Theory meets practice through both the Senior Seminar and a criminal justice internship experience (this last requirement may be waived, and another course substituted, for criminal justice professionals or those with military experience pursuing their baccalaureate degrees).

This major examines various aspects of criminal and juvenile justice from a broad perspective developed primarily from the social and behavioral sciences. In this process, emphasis is placed on critical thinking throughout the program, particularly in analyzing current problems, completing an internship, and carrying out a research project. Special attention is given to the role of cultural similarities and differences as they manifest themselves in the area of criminal justice. Graduates of the program will have the theoretical background necessary to pursue graduate work in criminal justice and related social science disciplines or the professional education currently demanded in law and justice-related professions.

Degree Requirements

Students must meet all university requirements for a bachelor's degree. In addition, students must earn a minimum grade of "C" in all the upper-division Criminal Justice Core and Selective courses at Governors State University.

- I. **General Education Requirement (37-41 Hours)**
See front of catalog for general education requirements.
- II. **Foundation Courses (15 Hours)***
The following courses should be taken at either the lower- or upper-division level. (Substitutions are allowed with the permission of the student's advisor):
 - CJUS 2100 Criminal Justice Organization and Process (3)
 - CJUS 2200 Correctional Process (3)
 - CJUS 2300 Juvenile Justice (3)
 - CJUS 2400 Law Enforcement and the Community (3)
 - CJUS 2500 Criminal Law and Procedure (3)
- II. **Core Courses (27 Hours)***
The following courses must be taken at the upper-division level:
 - CJUS 3090 Junior Seminar (1)
 - CJUS 3100 Foundations of Social Justice (3)
 - CJUS 3530 Computer Applications for Criminal Justice (3)
 - CJUS 3600 Judicial Process and Constitutional Issues in Criminal Justice (3)
 - CJUS 4411 Theories of Crime and Deviance (3)
 - CJUS 4415 Justice System Research Design (3)
 - CJUS 4440 Exploring Ethics in the Justice System (3)
 - CJUS 4565 Comparative International Criminal Justice Systems (3)
 - CJUS 4800 Internship (3)
 - CJUS 4990 Senior Seminar in Criminal Justice (2)
- III. **Selectives (15 Hours)**
Students must also take 15 credits of selective courses in any of the following concentrations. Students may take courses in different concentrations.
 - A. **Law Enforcement and Information Security Concentration**
 - CJUS 3550 Computer Security, Law, and Justice (3)
 - CJUS 4120 Policing and the Community (3)
 - CJUS 4500 Race, Gender, and the Justice System (3)
 - CJUS 4545 White Collar Crime (3)
 - CJUS 4616 Quantitative Research Applications in Law Enforcement (3)
 - CJUS 4770 Management of Criminal Justice Organizations (3)
 - CJUS 5300/CPSC 4540 Digital Forensics (3)

B. Corrections and Punishment Concentration

- CJUS 3200 Corrections Policy and Practice (3)
- CJUS 3300 Juvenile Justice Policy and Practice (3)
- CJUS 4130 History of Corrections and Punishment (3)
- CJUS 4210 Alternatives to Institutional Corrections (3)
- CJUS 4220 Institutional Corrections (3)
- CJUS 4230 Health Issues in Corrections Systems (3)
- CJUS 4250 Death Penalty in America (3)

C. Restorative and Community Justice Concentration

- CJUS 4140 Restorative Justice (3)
- CJUS 4350 Victims and the Justice System (3)
- CJUS 4360 Mediation and Conferencing (3)
- CJUS 4361 Mediation and Conferencing Lab (1)
- CJUS 4380 International Peace Initiatives (3)
- CJUS 4520 Substance Abuse in the Criminal Justice System (3)
- CJUS 4750 Justice Systems Planning (3)
- SOCW 3300 Diversity and Social Justice (3)

IV. Elective Credits (22-27 Hours)

In addition to the core and selective credits required, students must take an additional 22-27 hours of elective credits in criminal justice or related courses.

Students in this major are encouraged to complete a minor in Addictions Studies, Business Administration, Gender Studies, Public Administration, Psychology, or another field that complements their degree and career objectives.

VI. Total - 120 Hours

Advisor approved courses can be substituted for the Criminal Justice Foundation, Selective and Core courses. Criminal Justice majors may have CJUS4800 - Internship waived and another upper-divisional course substituted with the approval of the advisor.

Criminal Justice Minor

Requirements for the Minor

Students must meet all university requirements for a minor.

In addition, students must:

1. complete a minimum of nine hours of course work at Governors State University from the list of core and elective courses (CJUS3110, CJUS4411, CJUS4120, CJUS4130, CJUS4140, CJUS4415, CJUS4400, CJUS3600, CJUS4565, or CJUS4800), each with the grade of "C" or better; and
2. submit up to nine hours of transfer courses (each with a grade of "C" or better) from the list of IAI equivalent transfer courses (CRJ910, CRJ911, CRJ912, CRJ913, CRJ914) to the minor advisor for approval prior to the deadline for filing graduation applications in the term of intended graduation, or complete up to nine additional hours of Criminal Justice Core or Selective courses at Governors State University.

Total - 18 Hours

Bachelor of Arts in English

The undergraduate major in English offers students a strong academic background in English studies - the creative analysis of literature and extensive practice in the process of writing that will enable them to analyze, understand, and appreciate the diversity of the human experience and to meet controversy and challenge in appropriate, practical, and intellectually satisfying ways. Additionally, as a program that is foundational to the university's commitment to adult education and lifelong learning, it meets a continually increasing demand nationally and locally for liberally educated individuals in any discipline.

Within this major, students may pursue course work in language, literature, composition, and related studies in the humanities. The curriculum emphasizes a variety of approaches to an expanded literary tradition and relates the works studied to social, political, and historical contexts. In pursuit of the program goals, the student acquires the necessary knowledge and skills of creative analysis and expression (written and oral) that mark the liberally educated person, one who is prepared to meet the practical and analytical challenges of virtually any profession.

In addition, the undergraduate major in English with a concentration in English Teacher Education prepares students to meet the specific needs and challenges of teaching English in the secondary classroom.

Degree Requirements

Students must meet all university requirements for a bachelor's degree.

I. General Education Requirement (37-41 Hours)

See front of catalog for general education requirements.

II. Required Courses (36 Hours)

The following courses can be taken at either the lower-division or upper-division level:

American Literature I & II (6)

English Literature I & II (6)

The following courses must be taken at the upper-division level:

ENGL 4100 Advanced Composition (3)

ENGL 4110 Linguistics (3)

or

ENGL 4205 Modern English Grammar (3)

ENGL 4200 Literary Criticism (3)

ENGL 4505 Major English Authors (3)

ENGL 4515 Major Black Authors (3)

ENGL 4510 Major American Authors (3)

ENGL 4520 Contemporary Literature (3)

ENGL 4550 Shakespeare's Plays (3)

ENGL 4900 English Capstone (3)

III. Selectives (9 Hours)

Must be taken at the upper-division level:

Take three 4000 level literature courses.

IV. Electives (38 Hours)

V. Total - 120 Hours

English Minor

An undergraduate minor in English is offered to students who wish to supplement their preparation in a major discipline with a substantial amount of course work in English. A minor in English will generally enhance the prospects of students for employment and for admission to graduate or professional study.

Requirement for the Minor

Students must meet all university requirements for a minor.

In addition, students must:

1. complete at least four courses at the upper-division level;
2. contact the advisor regarding the requirements listed below; and
3. submit transfer courses to the advisor for approval of the minor by the first week of the term of intended graduation.

I. Required Courses (9 Hours)

Students must select one from A and one from B:

The following courses may be taken at the lower- or upper-division level:

A. ENGL 1111 English Literature I (3)

or

ENGL 1112 English Literature II (3)

B. ENGL 1221 American Literature I (3)

or

ENGL 1222 American Literature II (3)

The following courses must be taken at the upper-division level.

Select one of the following based on the specialization:

Literature Specialization

ENGL 3330 Studies in Literature (3)

Writing Specialization

ENGL 2910 Writing Principles (3)

II. Selectives (9 Hours)

Literature Specialization

Select nine hours (three courses) from the following upper-division literature courses:

ENGL 4121 Advanced Survey of Black Literature (3)

ENGL 4141 American Poets (3)

ENGL 4172 Contemporary Native American Authors (3)

ENGL 4483 Literature of the Environment (3)

ENGL 4505 Major English Authors (3)

ENGL 4510 Major American Authors (3)

ENGL 4515 Major Black Authors (3)

ENGL 4520 Contemporary Literature (3)

ENGL 4550 Shakespeare's Plays (3)

Writing Specialization

Select nine hours (three courses) from the following upper-division writing courses:

ENGL 4100 Advanced Composition (3)

ENGL 4205 Modern English Grammar (3)

ENGL 4600 Rhetorical Theory and Practice (3)

ENGL 4625 Advanced Writing (3)

ENGL 4626 Technical Writing I (3)

III. Total - 18 Hours

Bachelor of Arts in English with a Teacher Education Concentration

In addition to offering students a strong academic background in English studies, the undergraduate major in English with a teacher education concentration offers students the knowledge and skills found in the liberally educated person who is interested in a career in teaching English at the secondary level.

Teacher Licensure

This program is approved by the Illinois State Board of Education and leads to the Initial Secondary License in English. To be recommended for licensure by Governors State University, students must complete at least 42 hours in general education and 84 hours in required courses. General education courses may include both lower and upper-division courses, resulting in a completed program of 123 credit-hours. Students must earn a grade of "B" or better in EDUC499: Student Teaching: English.

Students who major in English with a concentration in Secondary Education may obtain an endorsement that prepares them for teaching in the middle school. Students wishing to pursue this endorsement must take three hours in the psychology of early adolescent development, three hours in curriculum instruction and three hours of methods related to the middle school. Students should contact their advisor for specific course requirements.

To be recommended for an Illinois State Board of Education teaching license, the student must present evidence of having passed the Basic Skills, Subject-Matter Knowledge, and Assessment of Professional Teaching examinations of the Illinois Licensure Testing System.

Students must meet other requirements for licensure through approved programs listed in the Licensure of Teachers and Other School Professionals section in the catalog.

Admission to English Teacher Education

In addition to meeting all university admissions requirements for undergraduate students, applicants must meet the following requirements to continue in the program:

1. have a cumulative average G.P.A. of 2.75 or higher in all lower division courses applied to the degree program;
2. submit a word-processed essay not to exceed 300 words explaining why the applicant wishes to be a teacher;
3. submit evidence of having passed the Test of Academic Proficiency (formerly Basic Skills) of the Illinois Licensure Testing System;
4. submit scores from the ETS Proficiency Profile;
5. complete EDUC2310 (Foundations of Education, or equivalent) with a grade of "B" or better; and
6. attend Secondary Education Orientation.

Some schools and/or school districts require criminal background checks in advance of any field experience undertaken by teacher preparation candidates in school settings. Candidates may be required to comply with these requirements. Consult with your advisor for information concerning the related GSU policies and procedures.

Student Progress

The faculty monitors and evaluates student progress continually. The section, Licensure of Teachers and Other School Professionals, in this catalog provides a general description of the standards used to evaluate student progress. A more detailed statement of the standards and processes followed by the secondary education faculty is available in the Secondary Education Undergraduate Student Handbook.

Conditional Continuation

The faculty may permit a student to continue conditionally. In such cases, faculty reviews of the student's records identify evidence that the student will likely be successful in the program. The status of all students allowed to continue under conditions is reviewed by the faculty each term, and the students are informed in writing of the conditions necessary for them to be transferred to good standing status. When conditions are met, the student is informed in writing of the transfer to good standing status. A student may not be admitted to student teaching without being in good standing status.

Student Handbook

The Student Handbook Undergraduate Degrees in Secondary Education referred to in this catalog is available online.

Admission to Student Teaching

Before enrolling in EDUC4999: Student Teaching, an application for admission to student teaching must be submitted to the director of Field Experiences in the College of Education. The application must be submitted by November 30 for the fall term and January 31 for the spring term preceding the academic year in which the student intends to teach (student teaching is not offered in the summer term). This application for student teaching will certify that the student applying has or will have met the following requirements:

1. completed general education requirements with a G.P.A. of 2.75 or higher;
2. completed professional education course requirements, except student teaching, including 100 clock-hours of field experience with a G.P.A. of 3.0 or higher, with a grade of "C" or better in each course and EDUC4465, ENGL4570, ENGL4575, and ENGL4580 with a grade of "B" or better;
3. must have completed methods courses no more than two years prior to the commencement of student teaching;
4. must have no more than six hours (at the discretion of the advisor) remaining to be completed in the major, with a G.P.A. of 3.0 or higher, and completing all courses with a grade of "C" or better;
5. met all state requirements applicable to areas of student teaching assignments as outlined in the "Illinois Program for Evaluation, Supervision, and Recognition of Schools, Part I, Subject G: Staff Qualifications";
6. submit evidence of having passed the English Content Area Examination of the Illinois Licensure Testing System; and
7. receive a positive recommendation from the Secondary Education Student Progress Committee.

Degree Requirements

Students must meet all university requirements for a bachelor's degree, and in addition, students must complete the general education requirement for teacher licensure Initial Secondary License listed below. Completion of this requirement meets the general education requirement.

In addition, students must:

1. have a cumulative G.P.A. of 2.5 or higher;
2. earn a grade of "C" or better in all general education courses;
3. have a G.P.A. of 2.75 or higher for all general education courses.;
4. have a G.P.A. of 3.0 or higher in English courses with a grade of "C" or better in each course;
5. have a G.P.A. of 3.0 or higher for EDUC4440, EDCP2101, and SPED2100 with a grade of "C" or better in each course;
6. earn a grade of "B" or better in EDUC2310, EDUC4465, ENGL4100, ENGL4205, ENGL4570, ENGL4575, and ENGL4580;
7. earn a grade of "B" or better in EDUC4999: Student Teaching;
8. complete a minimum of 100 clock-hours of supervised pre-student teaching experiences;
9. provide evidence of successful completion of Illinois and U.S. Constitution examinations;
10. complete at least one three-hour course in non-western or third world cultures;
11. show evidence of having passed the Assessment of Professional Teaching;
12. meet any additional requirements listed in the Teacher Licensure section of this catalog; and
13. receive a positive recommendation for the Secondary Education Student Progress Committee.

I. General Education Requirement for Teacher Licensure, Initial Secondary License, English (42 Hours)

The following courses can be taken at either the lower-division or upper-division level:

- Written Communication (6)
- Oral Communication (3)
- Humanities (English, Foreign Language, History and/or Philosophy) (6)
- Fine Arts (Art, Music, and/or Theater) (3)
- Non-Western/Third World Cultures (3)
- Mathematics (3)
- Biological and Physical Science (including one laboratory course) (7)
- U.S. History (3)
- U.S. Government (3)
- Introduction to Psychology (3)
- Health (2)

II. English Core (54 Hours)

The following courses can be taken at either the lower-division or upper-division level:

- English Literature I (3)
- English Literature II (3)
- Studies in Mythology (3)
- American Literature I (3)
- American Literature II (3)

The following courses must be taken at the upper-division level:

- ENGL 3330 Studies in Literature (3)
- ENGL 4200 Literary Criticism (3)
- ENGL 4100 Advanced Composition (3)
- ENGL 4205 Modern English Grammar (3)
- ENGL 4505 Major English Authors (3)
- ENGL 4515 Major Black Authors (3)
- ENGL 4510 Major American Authors (3)
- ENGL 4520 Contemporary Literature (3)
- ENGL 4550 Shakespeare's Plays (3)
- ENGL 4600 Rhetorical Theory and Practice (3)

III. Professional Education (27 Hours)

The following courses can be taken at either the lower-division or upper-division level:

- EDUC 2310 Foundations of Education (3)
- SPED 2100 Survey of Students with Exceptionalities (3)

The following courses must be taken at the upper-division level:

- EDCP 2101 Introduction to Educational Technology (3)
- EDUC 4440 Educational Psychology in Action (3)
- EDUC 4465 Methods of Teaching English (3)
- ENGL 4570 Writing Theory and Practice in the Secondary Classroom (3)
- ENGL 4575 Reading Theory and Practice in Secondary Schools (3)
- ENGL 4580 Read & Rap: Literature for Young Adult Readers (3)
- EDUC 4999 Student Teaching (12)

V. Total - 123 Hours

Gender and Sexuality Studies Minor

The minor in Gender and Sexuality Studies seeks to provide students with an understanding of gender's centrality to culture using interdisciplinary approaches. Gender and Sexuality Studies examines gender across cultures and historical periods while inquiring into the ways these concepts are represented in various forms, including popular culture, the media, literature, and the arts. A minor in Gender and Sexuality Studies can serve as a useful basis for students in Criminal Justice, Social Sciences, English, Business and Public Administration, Social Work, and Interdisciplinary Studies.

Requirements for the Minor Students Must:

1. meet with the minor advisor to determine course selection and complete a study plan; and
2. complete all of the courses with a grade of "C" or better.

I. Required Courses (3 Hours)

GNSX 2100 Introduction to Gender Studies (3)

II. Selectives (15 Hours)

Students must select with the assistance of the minor advisor five courses from the following:

ART 4518 Women Artists (3)

COMS 4750 Critical Gender and Sexualities (3)

COMS 4350 Gender and Communication (3)

CJUS 4500 Race, Gender, and the Justice System (3)

ENGL 4387 Exploding the Barriers in Race, Class, and Gender (3)

HIST 4410 Black Women in American History (3)

HIST 4500 Women in American History (3)

MCOM 4560 Women in the Media (3)

SOCS 4575 Women and Social Action (3)

In addition to the above, relevant offerings of the following Special Topics Courses may be used for the selectives with the minor advisor's approval: COMS4090, CJUS5500, ENGL4080, MCOM4070, POLS5000, and SOC4000.

Bachelor of Arts in History

The Bachelor of Arts in History provides students with a rich and thorough education in United States and global history, assists in developing their academic and professional skills, and provides opportunities to participate in responsible citizenship and democratic engagement. The program emphasizes the development of skills that are essential for success in the workplace and the students' chosen careers. The curriculum is designed to help students build their skills in critical thinking, oral and written communication, and research and information retrieval. Students graduating from the program will have developed the ability to think clearly and critically and to assess and analyze complex issues and arguments—skills that can be applied to many different occupations, including government work, non-profit work, public policy work, and work in cultural and social service organizations. Some history majors later obtain teacher certification; others pursue graduate studies in the field and become historians.

All students complete the two-semester United States history survey, the two-semester world history survey, a course in public history and civic engagement, and a two-semester capstone project which can include an internship or thesis. In addition, students will complete a track specialization in American studies or global studies, comprising a minimum of twelve credits.

Students who successfully complete a two-semester western civilization survey at another institution may have the requirement of the two-semester world history survey waived.

I. General Education Requirements (37 Hours)

See front of catalog for general education requirements.

II. Core Courses (21 Hours)

HIST	1110	US History I (3)*
HIST	1120	US History II (3)*
HIST	2700	World History I (3)*
HIST	2710	World History II (3)*
HIST	4000	Public History and Civic Engagement (3)
HIST	4910	Capstone I (3)
HIST	4920	Capstone II (3)

III. Selectives (12 Hours)

Choose one of the following groups of selectives:

1. American Studies

Choose 12 hours from the following list:

HIST	3010	Key Issues in State and Federal Constitutional Government (3)
HIST	3100	US Economic History (3)
HIST	4100	Beyond the Dream (3)
HIST	4110	History of Illinois (3)
HIST	4150	Modern US History, 1900-1945 (3)
HIST	4160	Modern US History, 1945-present (3)
HIST	4200	American Urban History (3)
HIST	4250	Topics in American History (3)
HIST	4400	Black Experience in the US (3)
HIST	4410	Black Women in the US (3)
HIST	4440	History of Civil Rights (3)
HIST	4450	African Slavery in America (3)
HIST	4500	Women in American History (3)
HIST	4700	Independent Study (1-4)
HIST	4800	Internship in History (1-4)

Or

2. Global Studies

Choose 12 hours from the following list:

HIST	4101	Topics in Global History (3)
HIST	4115	Modern African History (3)
HIST	4300	Modern Middle Eastern History (3)
HIST	4330	Ancient Chinese History (3)
HIST	4340	Modern Chinese History (3)
HIST	4420	Caribbean History (3)
HIST	4460	Latin America to Independence (3)
HIST	4470	Latin America from Independence (3)
HIST	4480	Pre-Colonial African History (3)
HIST	4650	Modern European History (3)
HIST	4670	Russia in the 20th Century (3)
HIST	4700	Independent Study (1-4)
HIST	4800	Internship in History (1-4)

IV. Electives (50 Hours)

V. Total Minimum of 120 Hours

* These will be IAI courses.

Bachelor of Science in Information Technology

The Information Technology (ITECH) degree from GSU takes students into the worlds of information security, digital forensics, virtualization, and cloud computing. This program provides students with cutting edge coursework and advanced, real-world projects. The program collaborates closely with related programs in Computer Science, Criminal Justice, and Management Information Systems so students can tailor their degree to their career goals. Information Technology undergraduates receive a balance of theory and application as they learn to use a broad range of software and hardware to design and deploy various computer and network systems; and to work independently and collaboratively to solve problems.

Degree Requirements

Students must meet all university requirements for a bachelor's degree.

I. General Education Requirements (37-41 Hours)

See university catalog for general education requirements.

II. Foundation Courses (3 Hours)

The following course must be taken at the lower-division level (Substitutions are allowed with the permission of the program advisor):

CPSC	2005	Introduction to Computing (3)
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III. Program Core Courses (12 Hours)

The following courses must be taken at either the lower- or upper-division level (Substitutions are allowed with the permission of the program advisor):

IT	3310	IT Project Management (3)
CPSC	4342	Introduction to Computer Networks (3)

The following courses must be taken at upper-division level (Substitutions are allowed with the permission of the program advisor):

IT 3099 Junior Seminar IT (3)

IT 4810IT Senior Projects and Seminars (3)

IV. Program General Selective Courses (15 Hours)

The following courses must be taken at upper-division level. Students must take 15 credit hours of general selective courses from the following:

CPSC 4205 Computer Organization (3)
 CPSC 4335 Operating Systems (3)
 IT 3110 Fundamentals of Information Technology (3)
 IT 3210 Introduction to Scripting Languages (3)
 IT 3520 Cisco CCNA I (3)
 IT 3521 Cisco CCNA II (3)
 IT 4210 Wireless Networking and Security (3)
 CPSC 4570 Windows Systems (3)
 CPSC 4580 Information Security (3)

V. Program Concentration Selective Courses (27 Hours)

The following courses must be taken at upper-division level. Students must take 27 credit hours of concentration selective courses from the following. Students may also take courses in different concentrations.

A. Operating Systems

CPSC 4535 Introduction to the Unix System (3)
 CPSC 4572 Advanced Windows Administration (3)
 IT 4455 Securing Operating Systems (3)

B. Information Security

CPSC 4581 Information Security Policy and Management (3)
 CPSC 4582 Cryptography and Network Security (3)
 CPSC 4583 Laboratory in Information Security (3)
 CPSC 4584 Special Topics in Information Security (3)

C. Network Infrastructure

IT 4520 Implementing IP Routing (3)
 IT 4521 Implementing IP Switching (3)
 IT 4522 Maintaining and Troubleshooting IP Networks (3)

D. Ethical Hacking

IT 4540 Information Security and Assurance I (3)
 IT 4541 Information Security and Assurance II (3)

E. Digital Forensics

CPSC 4540 Digital Forensics (3)
 CPSC 4542 Contemporary Issues in Digital Forensics (3)
 CPSC 4622 Special Topics in Digital Forensics (3)

F. Virtualization and Cloud Computing

IT 4560 Introduction to Virtualization (3)
 IT 4561 Introduction to Cloud Computing (3)
 IT 4562 Special Topics in Virtualization and Cloud Computing (3)

VI. Electives - (22-26 Hours)**VII. Total - 120 Hours****Integrative Studies Minor**

An undergraduate minor in Integrative Studies is offered to students majoring in other fields who wish to supplement their preparation in a major discipline with a substantial amount of course work in integrative studies. This minor is valuable for those students who like to acquire multiple perspectives, interdisciplinary, and intercultural forms of learning. A minor in this area can assist those students who wish to find employment opportunities in law, business, education, public administration, policy studies, or international studies.

Students must meet all university requirements for a minor.

In addition, students must:

1. have earned a 2.0 average in the cumulative G.P.A.;
2. complete at least one course at the upper-division level; and
3. submit transfer courses to the advisor for the minor for approval by the first week of the term of intended graduation.

Path A - 18 Hours**I. Required Courses (3 Hours)**

Students must take:
 INST3100/SOSC3150 Approaches and Interconnections:
 Scientific Research and Knowledge Production (3)

II. Selective Courses I (15 Hours)

Students need to select one course from each of the five areas:

Area I: Humanities (3 Hours)

INST3110/ENGL 3105 Writing, Information and
 Technology across the Disciplines (3)
 INST3500/ENGL 4483 Literature of the Environment (3)
 INST 4000 Special Topics (3)
 INST 4110/ART 4505 World of Arts (3)

Area II: Social Sciences (3 Hours)

INST3200/ANTH 3200 Humanity and Human Dynamics: A
 Comparative Study (3)
 INST 3600 Examining the Barriers: Studies in Race, Class,
 and Gender (3)
 INST 4000 Special Topics (3)
 INST4300/SOSC 4300 Global Political Transformation and
 Economic Integration (3)

Area III: Sciences (3 Hours)

INST3110/BIOL 3116 Perspectives on the Physical and Natural
 Sciences (3)
 INST3650/BIOL 3118 Environmental Studies: A Case Studies
 Approach (3)
 INST 4000 Special Topics (3)

Area IV: Research (3 Hours)

INST3330/SOSC 4510 The Measure of Knowledge: Quantitative
 Research Methods (3)
 INST 4000 Special Topics (3)
 INST4100/CPSC 3112 Computer-Assisted Applications for
 Problem Solving (3)
 INST4103/BIOL 5516 Integrative Studies: Tropical Biology (3)

Area V: Technology (3 Hours)

INST3400/CPSC 3110 New Technology and Us (3)
 INST 4200 Communication Technology and Culture (3)
 INST 4450 Computer Languages for Business
 Programming (3)

Total - 18 Hours

Path B - 18 Hours

I. Required Courses (3 Hours)

Students must take:

INST 3100 Approaches and Interconnections: Scientific Research and Knowledge Production (3)

II. Selective Courses (9 Hours Minimum)

This selective is designed for students to focus in the Area of Foreign Languages and Cultures. Students must take at least nine hours from Area VI below and six hours from areas I to VI.

Area VI: Languages and Cultures

Select nine hours from one language area:

SPAN 3250 Spanish Language and Culture I (3)
 SPAN 3251 Spanish Language and Culture II (3)
 SPAN 4250 Spanish Language and Culture III (3)
 SPAN 4251 Spanish Language, Culture and Literary Studies (3)
 JAPAN 3350 Japanese Language and Culture I (3)
 JAPAN 3351 Japanese Language and Culture II (3)
 JAPAN 4350 Japanese Language and Culture III (3)
 ICS 3400 Chinese Language and Culture I (3)
 ICS 3401 Chinese Language and Culture II (3)
 ICS 4400 Chinese Language and Culture III (3)

III. Total - 18 Hours

Bachelor of Arts in Interdisciplinary Studies

The Interdisciplinary Studies Program (IDSS) in the College of Arts and Sciences offers adult learners a flexible program for degree completion. The program accepts credit from a variety of sources to help adult learners complete their degree in a timely fashion while conforming to university standards for general education and residency.

Non-traditional learners come to the program with a variety of life experiences that need to be meaningfully blended into an academic program. The program's intention is to assist in creating a personally satisfying future while providing the academic rigor that is expected of a college graduate. The Interdisciplinary studies program accepts credit from a variety of sources in order to allow degree completion in a timely fashion while conforming to university standards as a regionally-accredited Bachelor of Arts degree program.

The B.A. in Interdisciplinary Studies is a learner-centered degree program that allows students maximum flexibility to select and tailor courses to their individual career goals. Students may select a broad, interdisciplinary set of courses for a well-rounded education. Students can earn a minor in the disciplines of the GSU colleges. (Students who want a bachelor's degree in a specific field of study should apply directly to the appropriate GSU college rather than through this program). Students may concentrate their course work in one college, perhaps to obtain the qualifications to enroll in a master's degree program. Individualized study plans are one of the hallmarks of the program, which makes it ideal for adult learners. Students work with the IDSS advisors to develop the student study plan based on their previous coursework, non-traditional course work, and career goals. This degree is built upon the need to achieve degree completion in a timely manner. It is designed to assist in integrating life experience and academic credit into a plan of action for creating a degree that is unique for each learner.

Alternative Options for Credit

The IDSS accepts credit for learning other than what comes from college course work. Military experience can be counted towards credit. Students can take competency exams such as CLEP (College Level Examination Program) or may have had training at an organization offering ACE (American Council on Education) credit. Demonstration of college level learning from life experience is encouraged through the completion of a Prior Learning Portfolio for college credit. Such portfolios are assessed for college credit by faculty evaluators.

Admission Requirements

The Interdisciplinary Studies Program requires that students have 60 hours of college credit and be in good academic standing for admission or at least 45 credit hours and good academic standing for conditional admission to the program pending completion of additional credit hours by portfolio, competency exams, or dual enrollment. Students who have earned their first bachelor's degree from a regionally accredited institution are not eligible for admission to this program.

Official transcripts for military experience, proficiency test results, and ACE (American Council on Education) certified training credits should be sent directly to the Interdisciplinary Studies Program. Contact the program advisors at 708.534.4092 or idss@govst.edu for more information about the program.

Degree Requirements

Students must meet all university requirements for a bachelor's degree. A minimum of 40 hours must be taken at the upper-division level; up to 80 credit hours in lower division courses can be transferred to GSU. The residency requirement for the university requires a minimum of 24 hours be taken as courses offered by GSU.

I. General Education Requirements (37-41 Hours)

See the front of the catalog for general education requirements. While these are usually taken at the lower-division level, they can also be completed at the upper-division level.

II. Required Courses (15 Hours)

The following courses must be completed with a "C" or better:
 IDSS 3100 Perspectives on Interdisciplinary Studies (3)
 IDSS 4900 Interdisciplinary Studies Appraisal (3)
 Interdisciplinary Requirement (6)

(Students must take upper division courses in at least two different disciplines.)

Technology Intensive Course (3)

(This course can be taken at either the lower division or the upper division level.)

III. Electives (64-68)

Students may not exceed a maximum of 80 hours of lower-division credit between Sections I - III. Students must complete a minimum of 28 hours of upper-division hours, if Section I is complete through course work taken at the lower-division level.

IV. Total - 120 Hours

Latino Studies Minor

The minor in Latino Studies seeks to provide students with an understanding of the history, cultures, and contemporary issues of Latin Americans and Latinos in the U.S. using interdisciplinary approaches. Comparative and diverse developmental perspectives illuminate linkages among the countries and peoples of the Americas.

A minor in Latino Studies can serve as a useful basis for students in Criminal Justice, Social Sciences, English, Business and Public Administration, Psychology, Health Administration, Social Work, and Interdisciplinary Studies.

Requirements for the Minor

Students must:

1. meet with the minor advisor to determine course selection and complete a study plan; and
2. complete all of the courses with a grade of "C" or better.

I. Required Courses (3 Hours)

ICS 4605 Perspectives in Latina/o Studies (3)

II. Selectives (15 Hours)

Students must select with the assistance of the minor advisor 5 courses from the following:

ART 4523 Pre-Columbian Art and Cultures (3)
 COMS 2710 Survey of Intercultural Communication (3)
 ENGL 4131 Comparative Latin American Literature (3)
 HIST 4470 Latin American from Independence (3)
 ICS 4630 Hispanic Experience in the U.S. (3)
 ICS 4650 Latin America: Culture and Society (3)
 POLS 4480 Politics of Latin America (3)

Bachelor of Arts in Mathematics

The undergraduate major in Mathematics provides a balance between theoretical and applied study, with the general objective of providing students with a substantial and broad background in mathematics that affords opportunities to develop skills in logical thinking, problem analysis, problem solving, and computer usage that will enable students to be admitted to graduate school and to work successfully in business, industry, and government where mathematical skills are needed.

Degree Requirements

Students must meet all university requirements for a bachelor's degree.

In addition, only grades of "C" or better will be accepted for transfer for the following courses normally taken at the lower-division level: three hours of college algebra and trigonometry (as prerequisites), Calculus I, Calculus II, Calculus III, discrete mathematics, geometry, linear algebra, and modern algebra.

I. General Education (37 - 41 Hours)

The following courses must be taken to meet major and general education requirements:

General Biology I with Laboratory (4)
 Physics I with Laboratory (4)
 MATH 2290 Calculus I (4)

II. Required Courses: (44 hours)

The following courses can be taken at either the lower-division or upper-division level:

MATH 2271 Differential Equations (3)
 MATH 2292 Calculus II (4)
 MATH 2294 Calculus III (4)
 MATH 3137 Discrete Mathematics (3)

MATH 3449 Linear Algebra (3)
 MATH 4337 Euclidean and Non-Euclidean Geometry (3)
 MATH 4451 Modern Algebra (3)
 PHYS 2143 Intermediate Physics II (3)
 PHYS 2144 Intermediate Physics II Laboratory (1)

The following courses must be taken at the upper-division level:

MATH 4133 Number Theory (3)
 MATH 4171 History of Mathematics (3)
 MATH 4241 Analysis I: Real Variables (3)
 MATH 4243 Analysis II: Complex Variables (3)
 MATH 4457 Introduction to Probability (3)
 MATH 4637 Mathematics Laboratory (2)

III. Computer Science Selective (3-4 Hours)

Select one of the following which may be taken at either the lower-division or upper-division level:

CPSC 2005 Introduction to Computer Technology (3)
 CPSC 3120 Computer Programming: Visual BASIC (3)
 CPSC 3142 Computer Programming: Introduction to C++ (3)
 CPSC 3143 Computer Programming: Introduction to C++ Laboratory (1)

IV. Selective Hours (6)

Select 6 hours (2 courses) from the following upper-division mathematics and statistics courses:

MATH 4229 Advanced Calculus (3)
 MATH 4373 Topology (3)
 STAT 4219 Statistics Methods (3)

Or other courses approved by the academic advisor.

Elective (25-30 Hours)

May include credit-hours needed to meet minor requirements.

V. Total - 120 Hours

Mathematics Minor

An undergraduate minor in Mathematics is offered to students who wish to supplement their preparation in a major discipline with a substantial amount of course work in mathematics. It is especially appropriate for students who would like to develop additional quantitative and qualitative reasoning skills. Depending on the student's major, a minor in Mathematics will generally enhance the individual's prospects for employment and for graduate or professional study.

Requirements for the Minor

Students must meet all university requirements for a minor, including completion of at least one-half the required courses at Governors State. Students pursuing a minor in Mathematics at Governors State should not take MATH2281 as part of the calculus requirement. A full Calculus I (MATH3290) and Calculus II (MATH3229) sequence is needed to meet the calculus requirement for the minor.

Students planning to complete a minor in Mathematics must meet with the advisor in the Science Division to develop a study plan for the minor. As part of this process, students must submit transfer courses for approval. A copy of the study plan must be included with the request for graduation.

I. Required Courses (14 Hours)

The following courses can be taken at either the lower-division or upper-division level:

MATH 2290 Calculus I (4)
 MATH 2292 Calculus II (4)
 MATH 3137 Discrete Mathematics (3)
 MATH 3449 Linear Algebra (3)

II. Selectives (9 Hours)

The following courses must be taken at the upper-division level: Select nine hours from the following:

MATH 2271 Differential Equations (3)
 MATH 2294 Calculus III (4)
 MATH 4133 Number Theory (3)
 MATH 4337 Euclidean and Non-Euclidean Geometry (3)
 MATH 4451 Modern Algebra (3)

MATH 4637 Mathematics Laboratory (2)

Other upper-division level mathematics courses may be accepted in this category at the discretion of the advisor for the minor.

III. Total - 23 Hours

Bachelor of Arts in Mathematics with a Teacher Education Concentration

The curriculum for the undergraduate major in Mathematics with a teacher education concentration provides a balance between theoretical and applied study, with the general objective of providing students with a substantial and broad background in mathematics that affords opportunities to develop skills in logical thinking, problem analysis, problem-solving, and computer usage for students interested in a career in teaching Mathematics at the secondary level.

Teacher Licensure

This program is approved by the Illinois State Board of Education and is intended to lead to the Initial Secondary License qualifying students to teach mathematics. Students who major in Mathematics with a concentration in Secondary Education may obtain an endorsement that prepares them for teaching in the middle school. Students wishing to pursue this endorsement must take three hours in the psychology of early adolescent development, three hours in curriculum instruction and three hours of methods related to the middle school. Students should contact their advisor for specific course requirements.

To be recommended for an Illinois State Board of Education teaching license, the student must present evidence of having passed the Basic Skills, Subject-Matter Knowledge, and Assessment of Professional Teaching examinations of the Illinois Licensure Testing System.

Students must meet other requirements for licensure through approved programs listed in the Licensure of Teachers and Other School Professionals section in the catalog.

Admission to Mathematics Teacher Education

In addition to meeting all university admission requirements for undergraduate students, applicants must meet the following requirements to continue in the program:

1. have a cumulative G.P.A. of 2.75 or higher in all lower division courses applied to the degree program;
2. submit a word-processed essay not to exceed 300 words explaining why the applicant wishes to be a teacher;
3. submit evidence of having passed the Test of Academic Proficiency of the Illinois Licensure Testing System;
4. submit scores from the ETS Proficiency Profile;
5. complete EDUC2310 (or equivalent) with a grade of "B" or better; and
6. Attend Secondary Education Orientation.

All candidates for Illinois teacher licensure at Governors State University are required to submit to an Adam Walsh fingerprint-based criminal background check by Accurate Biometrics prior to their initial field experience in the schools. For more information on this testing and available test sites, please visit accuratebiometrics.com. Consult with your advisor for information concerning the related GSU policies and procedures.

Student Progress

The faculty monitors and evaluates candidate progress continually. The section, Teacher Education and Licensure, in this catalog provides a general description of the standards used to evaluate candidate progress. A more detailed statement of the standards and processes followed by the secondary education faculty is available in the Secondary Education Undergraduate Student Handbook.

Conditional Continuation

The faculty may permit a candidate to continue conditionally. In such cases, faculty reviews of the candidate's records identify evidence that the candidate will likely be successful in the program. The status of all candidates allowed to continue under conditions is reviewed by the faculty each term, and the candidates are informed in writing of the conditions necessary for them to be transferred to good standing status. When conditions are met, the candidate is informed in writing of the transfer to good standing status. A candidate may not be admitted to student teaching without being in good standing status.

Admission to Student Teaching

Candidates must apply for admission to student teaching before enrolling in EDUC4999: Student Teaching. An application for admission to student teaching must be submitted to the director of Field Experiences in the Division of Education. The application must be submitted by November 30 for the following fall term and January 31 for the following spring term. Student teaching is not offered in the summer term. This application for student teaching will certify that the candidate applying has or will have met the following requirements:

1. completed at least 48 hours of general education requirements with a G.P.A. of 2.75 or higher;

2. completed professional education course requirements, except student teaching, including a minimum of 100 clock-hours of field experience with a G.P.A. of 3.0 or higher, with a grade of "C" or better in each course, and EDUC4360 and EDUC4437 with a grade of "B" or better;
3. must have completed methods courses no more than two years prior to the commencement of student teaching;
4. have no more than six hours remaining to be completed in the major in which the student is enrolled with a G.P.A. of 3.0 or higher and completed all courses with a grade of "C" or better;
5. met all state requirements applicable to the subject matter area(s) in which the student will teach as outlined in Section IX, Staff Qualifications of the Illinois State Board of Education publication, Minimum Requirements for State Licensure;
6. submit evidence of having passed the Mathematics content area exam of the Illinois Licensure Testing System; and
7. received a positive recommendation from the Secondary Education Student Progress Committee.

Degree Requirements

Candidates must meet all university requirements for a bachelor's degree; and, in addition, must complete the General Education Requirement for Teacher Licensure, Initial Secondary License listed below. Completion of this requirement meets the general education requirement.

In addition, candidates must:

1. have a cumulative G.P.A. of 2.5 or higher;
2. earn a grade of "C" or better in all general education courses;
3. have a G.P.A. of 2.75 or higher for all general education courses;
4. have a G.P.A. of 3.0 or higher in math and statistics courses with a grade of "C" or better in each course;
5. have a G.P.A. of 3.0 or higher for EDCP2101, EDUC4440, and SPED2100, with a grade of "C" or better in each course;
6. earn a grade of "B" or better in EDUC3320, EDUC4360 and EDUC4437;
7. earn a grade of "B" or better in EDUC4999;
8. complete a minimum of 100 clock-hours of supervised pre-student teaching experiences;
9. provide evidence of successful completion of the Illinois and U.S. Constitution examinations;
10. complete at least one three-hour course in non-Western or Third World cultures;
11. complete the following course work with a grade of "C" or better: 12 hours of calculus, eight hours of university physics with laboratory;
12. show evidence of having passed the Assessment of Professional Teaching;
13. meet any additional requirements listed in the Teacher Licensure section of this catalog; and
14. receive a positive recommendation from the Secondary Education Student Progress Committee.

I. General Education Requirements for Teacher Licensure, Initial Secondary License, Mathematics (41 Hours)

The following courses can be taken at either the lower-division or upper-division level and must include at least one three-hour course in non-western or third world cultures:

- Written Communication (6)
- Oral Communication (3)
- American History (3)
- U.S. Government (3)
- Humanities (6)
- Fine Arts (3)
- Introduction to Psychology (3)
- Health (2)
- MATH 2290 Calculus I (4)
- General Biology with Lab (4)
- University Physics with Lab (4)

II. Required Courses (78 Hours)

The following courses can be taken at either the lower-division or upper-division level: (36 Hours)

- EDUC 2310 Foundations of Education (3)
- MATH 2271 Differential Equations (3)
- MATH 2292 Calculus II (4)
- MATH 2294 Calculus III (4)
- MATH 3137 Discrete Mathematics (3)

- MATH 3449 Linear Algebra (3)
- MATH 4337 Euclidean and Non-Euclidean Geometry (3)
- MATH 4451 Modern Algebra (3)
- PHYS 3143 Intermediate Physics II (3)
- PHYS 3144 Intermediate Physics II Laboratory (1)
- SPED 2100 Survey of Students with Exceptionalities (3)
- STAT 4219 Statistical Methods (3)

The following courses must be taken at the upper-division level: (42 Hours)

- EDCP 2101 Introduction to Educational Technology (3)
- EDUC 4360 Principles of Secondary Mathematics Education (3)
- EDUC 4437 Teaching Secondary School Mathematics (3)
- EDUC 4440 Educational Psychology in Action (3)
- EDUC 4999 Student Teaching: Secondary Mathematics (12)
- MATH 4133 Number Theory (3)
- MATH 4171 History of Mathematics (3)
- MATH 4241 Analysis I: Real Variables (3)
- MATH 4243 Analysis II: Complex variables (3)
- MATH 4457 Introduction to Probability (3)
- MATH 4637 Mathematics Laboratory (3)

III. Electives (1 Hour)

IV. Total - 120 Hours

Bachelor of Arts in Media Studies

The program is designed to prepare students to plan, manage, and produce media in a global, multicultural environment and will include instruction in television and trans-media production, studio and independent field production, social media and emerging media cultures, regional media industry including public media, global and non-western media systems, all informed by substantive study in the liberal arts. The Media Studies curriculum is complemented by related course offerings in media communication and communication, and complemented by course options in art, independent film and digital imaging, history, anthropology, political science, and intercultural studies.

Media Studies is an interdisciplinary field rooted in the study of the mass media and communication, drawing on the traditions, theories, and methods of the humanities and social sciences. Media Studies at GSU presents students with an integrated approach to the study of media histories, forms, technologies, and production to understand the contemporary state of media practices. This is achieved through the critical study of the media; a rigorous examination of media histories, forms, theories and technologies; and an analysis of the influence of creative producers, production practices, local to international systems, information flow, and networked users in a global context.

I. General Education Requirements (37 Hours)

See front of catalogue for general education requirements.

II. Foundation (9 Hours)

- MST 2100 Intro to Media Production (3)
- MST 2101 Introduction to Media Studies (3)
- MST 3110 Global Media Literacy (3)

III. Core Courses (24 Hours)

- COMS 3160 Advanced Public Speaking (3)
- COMS 4110 Communication Research (3)
- COMS 4850 Communication Ethics (3)
- MST 2102 Digital Video Writing (3)
- MST 4991 Senior Seminar (3)

and choose one (Discipline Focused Comparative Studies)

- MST 2110 Media Forms (3)
- MST 2120 Media Theory (3)
- MST 2130 Media Culture and Innovation (3)
- MST 3750 Media Storytelling (3)

and choose one (Interdisciplinary Method/Approach)

- ANTH 3800 Visual Anthropology (3)
- ART 4565 3D Modeling (3)
- MCOM3740 Media Prod Tech: Field & Studio (3)
- MST 3104 Playing Games (3)
- MST 3214 Chicagoland Media (3)

and choose one (Advanced Writing)

- ENGL 4100 Advanced Composition (3)
- ENGL 4626 Technical Writing I (3)
- MST 4130 Writing for Multimedia (3)

IV. Concentrations (15-25 Hours)

a. Media Industry and Production

Choose five courses

- MST 3213 Future Television (3)
- MST 3223 Virtual People, Gaming Practices (3)
- MST 4100 Producing Across Platforms (3)
- MST 4574 Directing for Screen and Stage (3)
- MST 4990 Social Lab: The Participatory Media Project (3)
- MCOM4560 Women in Media (4)
- MCOM3740 Media Production Techniques: Field and Studio (4)
- MCOM4720 Audio Production (4)
- MCOM4730 Audio Production: Advanced Production and Sound Design (3)
- MCOM4734 Video Production Editing (4)
- MCOM4746 Advanced Editing (4)
- MCOM4750 Advanced Media Production & Post Production (4)
- MCOM4800 Internship (1-6)
- ART 4566 3D Animation
- ART 4567 3D Rendering
- ANTH 4600 Anthropology in Film (3)

b. Networking and Participatory Culture

Choose five courses

- ANTH 4600 Anthropology in Film (3)
- ART 4566 3D Animation (3)
- ART 4567 3D Rendering (3)
- MST 3110 Playing Games (3)
- MST 3212 Social Media (3)
- MST 3213 Future Television (3)
- MST 3221 Social Design & Crowdsourcing (3)
- MST 3223 Virtual People, Gaming Practices (3)
- MST 4745 Public Media (3)
- MST 4220 Global Social Networking & Change (3)
- MST 4990 Social Lab: The Participatory Media Project (3)
- MCOM4800 Internship (1-6)

c. Global Media and Information Flow

- SPAN 3250 Spanish Language and Culture I (3)
or
- JAPN 3350 Japanese Language and Culture I

- MST 3412 International Media Flow (3)
- MST 4420 Western Media Systems (3)
- MST 4440 Media Globalization (3)
- MCOM4800 Internship (2-4)

And choose one non-western media system:

- MST 4434 Asian Media Systems (3)
- MST 4431 Latin America Media Systems (3)
- MST 4433 Bollywood (3)

And choose two:

- HIST 4340 Modern Chinese History (3)
- HIST 4650 Modern European History (3)
- MST 4745 Public Media (3)
- MST 4220 Global Social Networking & Change (3)
- MST 3213 Future Television (3)
- MST 4100 Producing Across Platforms (3)

V. Media Studies Electives (6 hours)

Select six hours of media studies courses with advisor approval.

VI. Electives (19 – 29 Hours)

VII. Total Minimum of 120 Hours

Bachelor of Arts in Political Science

Students who major in Political Science at the undergraduate level will begin with the study of a rich array of courses that cover the four major sub-fields of the discipline. This includes courses in: American Politics and Policy, Comparative Political Analysis, International and Global Politics, and Social Justice and Civil Engagement. Building on this foundation, students will take elective courses that both deepen their understanding of these fields and allow them to apply what they have learned to the real world in terms of analysis and activism (advocacy, and civic engagement). Emphasis is given to the common interdisciplinary pursuit of critical thinking as it applies to social problem solving. Beyond the core, students will select 21 hours of electives which will deepen their understanding and expertise of the program's four fields: American Politics and Policy, Comparative Political Analysis, International and Global Politics, and Social Justice and Civil Engagement. This will allow them to tailor the program to

meet their educational and career goals and be more competitive in the job-market. Depending on their career goals and objectives, graduates of the program will also have the theoretical understanding for graduate work in the social science disciplines and the practical skills that are highly in demand in government, public service, education, political advocacy, and the private sector.

Degree Requirements

Students must meet all university requirements for a bachelor's degree.

I. General Education Requirement (37-41 Hours)

See front of catalog for general education requirements.

II. Required Courses (21 Hours)

- POLS 2100 Foundations of U.S. Democracy (3)*
- POLS 2101 Principles of Political Science (3)*
- POLS 3110 Transformation of the Global System (3)
- POLS 3150 Comparative Political Analysis (3)*
- POLS 4600 Political Theory (3)
- POLS 4990 Political Struggle: Empowerment and Change (3)
- SOSC 4500 Research Methods in the Social Sciences (3)

* may be substituted with a lower-division course.

III. Selectives (18 Hours)

Students, with the assistance of their advisor, will select an additional 18 hours of courses relevant to the four major sub-fields of the program, i.e. American Politics and Policy, Comparative Political Analysis, International and Global Politics, Social Justice and Civic Engagement. This may be done with the degree of generalization and specialization that best suits the student's personal and professional goals.

It is also recommended that students who want to enrich their undergraduate education consider registering with the University Honors Program.

The following courses are suggestive of what may be used:

A. American Politics and Policy

- ANTH 4100 Urban Anthropology (3)
- HIST 4100 Beyond the Dream: Current Black Social Issues (3)
- HIST 4200 American Urban History (3)
- HIST 4400 Black Experience in the U.S. (3)
- POLS 2200 Local Governmental Systems (3)
- POLS 4200 U. S. and Illinois Elections (3)
- POLS 4300 The Chicago Political Tradition (3)
- POLS 4400 Constitutional Law (3)
- POLS 4500 Political Communication
- POLS 4110 Black Politics (3)
- POLS 4460 Urban Politics (3)
- SOC 3300 Principles of Urban Studies (3)
- SOC 4250 Community Organization (3)
- SOSC 4510 Ethnicity, Culture, and Politics (3)

B. Comparative Political Analysis

- HIST 4115 Modern African History (3)
- HIST 4340 Modern Chinese History
- HIST 4420 Caribbean History (3)
- HIST 4470 Latin American History (3)
- HIST 4650 Modern European History (3)
- HIST 4670 Russia in the 20th Century (3)
- ICS 4620 African Politics (3)
- ICS 4650 Latin America: Culture and Society (3)
- POLS 4100 Hispanic Experience in the U.S. (3)

- POLS 4330 Modern Middle Eastern History and Politics (3)
- POLS 4340 Latin America Politics (3)

C. International and Global Politics

- GEOG 4470 Human Geography (3)
- POLS 3250 Introduction to International Political Economy (3)
- POLS 3600 International Organizations (3)
- POLS 4375 Theories of Conflict Resolution (3)
- POLS 4380 International Peace Initiatives (3)

D. Social Justice and Civic Engagement

- PHIL 4402 Advanced Ethics: Theory and Practice (3)
- POLS 3900 Seminar in Civic Engagement (3)
- POLS 4000 Topics in Political Science (3)
- POLS 4625 Contemporary Political Thought (3)
- POLS 4650 Empowering Community: From Self to Service (3)
- POLS 4700 Independent Study (1-4)
- POLS 4800 Internship/Practicum (1-4)
- SOSC 4575 Women and Social Action (3)

IV. Electives (44 Hours)

V. Total - 120 Hours

Pre-Law Minor

The Pre-Law Minor program of study is open to undergraduate students university-wide. It will support the development of students who wish to pursue a legal education, and will assist students in the program with LSAT preparation, drafting of individual personal statements, creating law school attractive undergraduate profiles, providing advice on securing proper letters of recommendation, counseling on selecting appropriate law schools, and assisting with the application process. Students who complete the Pre-Law Minor program will gain better access to law school, legal careers, and methods of financing their legal education, and will provide them professional networking opportunities that will benefit them during the law school application process, during their matriculation in law school, and following law school graduation.

Requirements for the Pre-Law Minor

Students must meet all university requirements for a minor. In addition, students must:

1. Complete 12 hours of course work at Governors State University from the following list of Pre-Law core courses, each with a grade of "B" or better:
 - CJUS 3600 Judicial Process and Constitutional Law
 - CJUS 4400 Exploring Ethics in the Justice System
 - PHIL 3886 Logic
 - ENGL 4100 Advanced Composition, and
2. Complete a minimum of six hours of elective courses from the list below, or submit up to six hours of equivalent transfer courses (acceptability of transfer courses determined by the Pre-Law Advisor), each with a grade of "B" or better:
 - COMS 4090 Topics in Communication – Negotiating Skills
 - CJUS 4140 Restorative Justice

CJUS	4665	International and Comparative Criminal Justice Systems
PHIL	1101	Studies in Philosophy
POLS	2100	American Government
PSYC	1101	Principles of Psychology
PSYC	3345	Social Psychology

Total: 18 hours

Bachelor of Arts in Social Sciences

Students who major in Social Sciences at the undergraduate level are exposed to an interdisciplinary curriculum of courses in the social sciences, e.g., anthropology/ sociology, applied economics, history, and political science. Emphasis is given to the common interdisciplinary pursuit of critical thinking as it is applied to the analysis of social problems. Special attention also is given to the study of cultural similarities and differences which define the human experience. Graduates of the program, depending upon their career goals and objectives, will have the theoretical understanding for graduate work in the social science disciplines and the practical skills that are highly in demand in government, public service, education, industry, and business.

A bachelor of arts in Social Sciences provides a strong background for students who are interested in the Master of Arts in Political and Justice Studies at GSU. It is recommended that students obtain a social science-based preparatory curriculum as required by the general education requirement. It is further recommended that students complete introductory courses in anthropology, economics, political science, sociology, and international relations. In lieu of this, students should seek their advisor's assistance to find the appropriate courses to fulfill this requirement.

Degree Requirements

Students must meet all university requirements for a bachelor's degree.

- I. General Education Requirement (37-41 Hours)
See front of catalog for general education requirements.

- II. **Required Courses (39 Hours)**

- A. American Studies Core (12 Hours)

- | | | |
|------|------|-------------------------------------|
| HIST | 3100 | U.S. Economic History (3) * |
| HIST | 4160 | Issues in Modern U.S. History (3) |
| POLS | 2100 | Foundations of U.S. Democracy (3) * |
| SOC | 3100 | Studies in American Society (3)* |

* May be substituted with a lower-division course.

- B. Global Studies Core (15 Hours)

- | | | |
|------|------|---|
| ANTH | 3100 | Trends in Cross-Cultural Analysis (3) |
| GEOG | 4470 | Human Geography (3) |
| POLS | 3110 | Transformation of the Global System (3) |
| SOSC | 3250 | International Political Economy (3) |
| HIST | 3000 | Any upper-division non-U.S history course (3) |

- C. Foundations and Research Core (9 Hours)

- | | | |
|------|------|--|
| SOSC | 4110 | Foundations in Social Sciences (3) |
| SOSC | 4200 | Methods and Skills in Cross-Cultural Understanding (3) |
| SOSC | 4500 | Research Methods in the Social Sciences (3) |

- D. Capstone Core (3 Hours)

- | | | |
|------|------|---|
| SOSC | 4900 | Senior Seminar: Values, Technology, and Social Change (3) |
|------|------|---|

Note: Several courses in the program have been developed for delivery on the Internet.

- III. **Career Selectives (24 Hours)**

Students, with the assistance of their advisor, will select an additional 24 hours of courses in the social sciences, policy studies, language, or a relevant field, with the degree of generalization and specialization that best suits their personal and professional goals.

The following courses are suggestive of what may be used:

- | | | |
|------|------|--|
| ANTH | 3501 | Beliefs and Believers (3) |
| ANTH | 4100 | Urban Anthropology (3) |
| ANTH | 4600 | Anthropology in Film (3) |
| HIST | 4100 | Beyond the Dream: Current Black Social Issues (3) |
| HIST | 4115 | Modern African History (3) |
| HIST | 4200 | American Urban History (3) |
| HIST | 4300 | Modern Middle Eastern History (3) |
| HIST | 4340 | Modern Chinese History (3) |
| HIST | 4400 | Black Experience in the U.S. (3) |
| HIST | 4420 | Caribbean History (3) |
| HIST | 4440 | History of Civil Rights (3) |
| HIST | 4470 | Latin American History (3) |
| HIST | 4500 | Women in American History (3) |
| HIST | 4670 | Russia in the Twentieth Century (3) |
| ICS | 3400 | Chinese Language and Culture I (3) |
| ICS | 4610 | Introduction to Gender Studies (3) |
| ICS | 4620 | African Politics (3) |
| ICS | 4630 | Hispanic Experience in the U.S. (3) |
| ICS | 4650 | Latin America: Culture and Society (3) |
| INST | 3600 | Examining the Barriers: Studies in Race, Class, and Gender (3) |
| JAPN | 3350 | Japanese Language and Culture I (3) |
| POLS | 3600 | International Organization (3) |
| POLS | 4400 | Constitutional Law: Civil Liberties (3) |
| POLS | 4401 | Political Economy of Urban Development (3) |
| POLS | 4480 | Politics of Latin America (3) |
| SOC | 4250 | Community Organization (3) |
| SOC | 4500 | Sociology of Health (3) |
| SOSC | 2100 | Survey of Social Science (3) |
| SOSC | 4101 | Cultures of Labor in the Modern World (3) |
| SOSC | 4305 | Urban Studies: Introduction to the City (3) |
| SOSC | 4410 | Ethnicity, Culture, and Politics (3) |
| SOSC | 4575 | Women and Social Action (3) |
| SOSC | 4600 | Social Movements (3) |
| SPAN | 3250 | Spanish Language and Culture I (3) |

Note: Several are available via the Internet.

- IV. **Electives (20 Hours)**

- V. **Total - 120 Hours**

Minor in American Studies (Social Science)

An undergraduate minor in Social Science - American Studies is offered for student majoring in other fields. This minor is particularly appropriate for those students who anticipate significant use of the broad critical and analytical skills and understanding that American Studies embodies. The Social Science minor in American Studies is for those who wish to develop these additional marketable skills with the substantive fields offered.

General Requirements

Students must meet all university requirements for a minor. In addition, students must complete at least 9 hours at Governors State University.

I. Required Courses (12 Hours)

- HIST 3100 U.S. Economic History (3) *
 - HIST 4160 Issues in Modern History (3)
 - POLS 2100 Foundations of U.S. Democracy (3) *
 - SOC 3100 Studies in American Society (3) *
- * May be substituted by a lower-division course.

II. Selective (6 Hours)

Select two of the following courses:

- HIST 4100 Beyond the Dream: Current Black Social Issues (3)
- HIST 4200 American Urban History (3)
- HIST 4400 Black Experience in the U.S. (3)
- HIST 4440 History of Civil Rights (3)
- HIST 4500 Women in American History (3)
- POLS 4400 Constitutional Law: Civil Liberties (3)
- SOC 4250 Community Organization (3)
- SOSC 4305 Urban Studies: Introduction to the City (3)
- SOSC 4410 Ethnicity, Culture, and Politics (3)
- SOSC 4575 Women and Social Action (3)

III. Total Credit-hours - 18 Hours

- HIST 4470 Latin American History (3)
- HIST 4670 Russia in the Twentieth Century (3)

III. Total Credit-hours - 18 Hours

Sociology Minor

The College of Arts and Sciences offers a Minor in Sociology at the undergraduate level. This minor is a good fit for students majoring in other fields, but who find it helpful to master the foundational knowledge of human social lives, groups, and societies to gain a deeper understanding to how society works. Students in this minor gain knowledge and marketable skills necessary to develop solutions to real-world problems, which is an asset to any career in an increasingly global society.

Requirements for a Minor in Sociology

I. General Requirements

Students must meet all requirements for a minor. All required courses and selectives for the minor must be completed with a "C" or higher.

II. Required Courses (12 Hours)

- ANSO 4400 Theories of Social Science (3)
- SOC 1100 Introduction to Sociology
- or
- SOC 2100 Contemporary Social Issues (3)
- SOC 3150 Self and Society (3)
- SOC 3200 Social Inequalities (3)

III. Selectives (6 Hours)

Six hours of ANSO and/or SOC courses with advisor approval.

Total - 18 hours

Minor in Global Studies (Social Science)

An undergraduate minor in Social Science - Global Studies is offered for student majoring in other fields. This minor is particularly appropriate for those students who anticipate significant use of the broad critical and analytical skills and understanding that Global Studies embodies. The Social Science minor in Global Studies is for those who wish to develop these additional marketable skills with the substantive fields offered.

General Requirements

Students must meet all university requirements for a minor.

I. Required Courses (15 Hours)

- ANTH 3100 Trends in Cross-Cultural Analysis (3)
- GEOG 4470 Human Geography (3)
- HIST 4701 World History: Concepts and Interpretations (3)
- POLS 3110 Transformation of the Global System (3)
- SOSC 3250 International Political Economy (3)

II. Selective (3 Hours)

- HIST 4115 Modern African History (3)
- HIST 4300 Modern Middle Eastern History (3)
- HIST 4340 Modern Chinese History (3)
- HIST 4420 Caribbean History (3)

Bachelor of Arts in Theatre and Performance Studies

The undergraduate program in Theatre and Performance Studies (TAPS) provides students with an innovative and engaged approach to performance. Bridging theory with practice, the verbal with the visual, the major situates performance—from theatrical presentations proper to acts of everyday life—as a transformative agent of social, cultural, political, and personal change. Committed to the art of storytelling, TAPS considers performing the stories of others as well as of the self-imperative for initiating and sustaining a dialogue of shared human experience across identities, diversities, and desires. Through courses that target performance technique, application, design, history, analysis, theory, and criticism, the program seeks to create well-rounded students, cultivating creative, critical, collaborative, and compassionate voices that move toward fulfilling careers and meaningful lives.

Integrating the interdisciplinary traditions of Theatre and Performance Studies, a TAPS degree prepares students to make connections between performance and the human condition. Beyond classroom performance experience,

students are asked to participate in main stage productions throughout their program of study, providing continued opportunities to enhance their skills in artistic creation and process, critical thinking, problem solving, leadership, self-discipline, teamwork, and public presentation. Furthermore, students are encouraged to gain professional experience by participating in internship opportunities throughout the Chicagoland area. Ultimately, TAPS prepares students—as artists, citizens, and scholars—for work in all aspects of theatre, whether onstage, backstage, or in arts administration; for employment in civic engagement, activism, nonprofit organizations, public relations, among others; as well as for graduate study.

Degree Requirements

Students must meet all university requirements for a bachelor's degree. In addition, students must earn a grade of "C" or better in all required Theatre and Performance Studies courses. Students not receiving a "C" or higher are only allowed to repeat the course once. In addition, students must submit transfer courses to the advisor for approval by the first week of the semester of intended graduation.

Some required and selective courses are offered only once per academic year. Students are strongly advised to register well in advance of the start of courses, and to consult closely with their assigned advisors upon entering and while in the program to ensure individual study plans are aligned with the university schedule.

I. General Education Requirement (37 Credit Hours)

See front of catalog for general education requirements.

II. Core Courses (30 Credit Hours)

TAPS	2100	Foundations of Theatre and Performance Studies (3)
TAPS	2210	Introduction to Acting (3)*
TAPS	2400	Introduction to Stagecraft (3)*
TAPS	2500	Introduction to Scene Design (3)
TAPS	3250	Performing Culture and Identity (3)
TAPS	3800	Practicum (1) (must be taken three times for a total of 3 credits)
TAPS	4250	Performance and Social Change (3)
TAPS	4850	Methods of Inquiry (3)

Select one of the following:

TAPS	2600	Classical History of Theatre and Performance (3)*
TAPS	2650	Contemporary History of Theatre and Performance (3)*

Select one of the following:

TAPS	4800	Internship (3)
TAPS	4900	Senior Seminar (3)

III. Specializations (9 Credit Hours)

Select one of the following three specializations:

Performance

Select three of the following courses (at least two 3000-level or higher):

TAPS	2200	Voice and Movement for the Actor (3)
TAPS	2252	Performance of Literature (3)*
TAPS	2350	Group Performance (3)
TAPS	3210	Advanced Acting (3)
TAPS	3220	Introduction to Directing (3)

TAPS	3360	Performing Gender and Sexuality (3)
TAPS	4200	Writing as Performance (3)
TAPS	4220	Advanced Directing (3)
TAPS	4252	Solo Performance (3)
TAPS	4260	Performance Art (3)

Technical

Select three of the following courses (at least two 3000-level or higher):

TAPS	2520	Makeup Design (3)
TAPS	2540	Costume Design (3)
TAPS	3260	Stage Combat (3)
TAPS	3400	Advanced Stagecraft (3)
TAPS	3500	Advanced Scene Design (3)
TAPS	3520	Sound Design (3)
TAPS	4320	Stage Management (3)
TAPS	4520	Lighting Design (3)

History and Criticism

Select three of the following courses (at least two 3000-level or higher):

TAPS	2600	Classical History of Theatre and Performance (3)*
TAPS	2650	Contemporary History of Theatre and Performance (3)*
TAPS	2700	Performance Text Analysis (3)*
TAPS	3700	Dramaturgy (3)
TAPS	4750	Chicagoland Theatre (3)

IV. Advanced Selectives (6 Credit Hours)

Select two additional Theatre and Performance Studies courses from the following or from the specializations with advisor approval.

DNCE	3100	World Dance (3)
TAPS	1100	Theatre Appreciation (3)*
TAPS	2000	Topics in Theatre and Performance Studies (3)
TAPS	4000	Topics in Theatre and Performance Studies (3)
TAPS	4700	Independent Study (3)
TAPS	4890	Theatre and Performance Studies Abroad (3)

V. Electives (38 Credit Hours)

In addition to the core and specialization credits required, students must take an additional 38 hours of elective credits, which may be used toward a second major or a minor. Students in this major are encouraged to complete a minor that complements their degree and career objectives.

VI. Total Credit Hours – 120

* An asterisk denotes courses that can be completed through the Illinois Articulation Initiative (IAI) or transfer credit.

Theatre and Performance Studies Minor

An undergraduate minor in Theatre and Performance Studies is offered for students who wish to supplement a major in another discipline with study in performance. The minor is especially appropriate for students who would like to develop an understanding of the role of storytelling on stage and in everyday life, awareness of cultural diversity and civic engagement, as well as heightened communication and critical thinking skills. Depending on the student's major, a minor in Theatre and Performance Studies can enhance prospects for a variety of employment endeavors and for admission to graduate or professional study.

General Requirements

Students must meet all university requirements for a minor. In addition, students must:

1. complete all courses with a grade of "C" or better; and
2. submit transfer courses to the advisor for approval by the first week of the semester of intended graduation.

I. Required Courses (12 credit hours)

TAPS	2100	Foundations of Theatre and Performance Studies (3)
TAPS	2210	Introduction to Acting (3)
TAPS	3250	Performing Culture and Identity (3)
TAPS	4250	Performance and Social Change (3)

II. Selectives (6 credit hours)

TAPS	2200	Voice and Movement for the Actor (3)
TAPS	3210	Advanced Acting (3)
TAPS	3220	Introduction to Directing (3)
TAPS	3252	Performance of Literature (3)
TAPS	4200	Writing as Performance (3)
TAPS	4252	Solo Performance (3)
TAPS	4260	Performance Art (3)
TAPS	4090	Topics in Theatre and Performance Studies (3)

III. Total – 18 Hours

Biotechnology and Bio-analysis Certificate

The rapid pace of biotechnology research and development has led to explosive growth in the biochemical and bio-analytical techniques necessary to carry out this work. The biotechnology industry involves drug development, human and animal nutrition, agricultural chemicals, biodefense, and environmental protection. For instance, biotechnology processes/bio-analytical methods have had a profound impact in the development of therapies for human illnesses such as rheumatoid arthritis and cancer. Scientists possessing biotechnology and bio-analytical skills will undoubtedly be highly sought after to participate in the discovery, development, purification, and analytical assessment of biological components and processes. The certificate in Biotechnology and Bio-analysis is offered to students who wish to supplement their preparation in a major discipline with additional course work in the interdisciplinary field of Biotechnology. This certificate is especially valuable for those students planning a career in industry, government or academia, and those students pursuing graduate studies in the life or chemical sciences.

The Biotechnology and Bio-analysis Certificate requires students to complete the following prerequisites: College Chemistry I and II (with lab), College Biology I and II (with lab), Organic Chemistry I and II (with lab), Analytical Chemistry (with lab), Microbiology (with lab), and Cell or Molecular Biology (with lab). These prerequisite courses may be satisfied as part of general education requirements and/or as course requirements for various academic majors.

The following courses must be taken at the upper division level for the certificate:

BIOL	4530	Biotechnology (2)
BIOL	4531	Biotechnology (1)
CHEM	4331	Biochemistry (3)
CHEM	4332	Biochemistry Lab (1)

CHEM	4333	Analytical Biochemistry (2)
CHEM	4334	Analytical Biochemistry Lab (1)
CHEM	4335	Introduction to Bioinformatics (1)
CHEM	4631	Mass Spectrometry of Peptides (1)

Other courses as approved by academic advisor.

Total - 12 credit hours

Certificate in Digital Forensics

To address the increasing threat from computer crimes and cybercrime, digital forensics is necessary. Law enforcement and government agencies, organizations, and companies all need digital forensics professionals to better protect digital assets, or investigate cybercrime. The Digital Forensics Certificate is offered to students who wish to obtain theoretical and practical knowledge in digital forensics. The Center for Law Enforcement and Technology Collaboration, which incorporates the programs of Computer Science, Criminal Justices, and Management Information Systems at GSU, is also involved in offering this certificate.

This certificate is open to both upper-division undergraduate and graduate students. Both full-time and part-time students are eligible to enroll in this certificate program.

Among the four courses required by this certificate program (CPSC4540, CPSC4542, CPSC4584, and CPSC6622), CPSC4540 serves as an entry-level course. Two courses are offered per semester. A student should be able to complete all required courses within two terms after fulfilling the prerequisite.

Admission Requirements

In addition to meeting the university requirements for certificate admission, applicants must have completed the following course:

CPSC	5000	Computer Science Workshop: Digital Forensics Preparation or its equivalent.
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Certificate Requirements

In order to receive the Digital Forensics Certificate, both undergraduate and graduate students must complete each required course with a grade of "B" or better and submit the application for award of certificate to their faculty advisor.

- * Note: If an undergraduate student gets a "C" in a required course for the certificate program, this course may be counted as an elective course for his/her degree requirements.

Required Courses (12 Hours)

CPSC	4540	Digital Forensics (3)
CPSC	4542	Contemporary Issues in Digital Forensics (3)
CJUS	4584	Special Topics in Information Security (3)
CPSC	6622	Special Topics in Digital Forensics (3)

Total - 12 Hours

Certificate in Information Security

With the increase of computer and network attacks, information security has become a very serious concern. Organizations need information security professional to protect digital assets. The Information Security Certificate is offered to students who wish to obtain theoretical and practical knowledge in information security. The Center for Law Enforcement and Technology Collaboration, which incorporates the programs of Computer Science, Criminal Justice, and Management Information Systems at GSU, is also involved in offering this certificate.

Special Admissions Requirements

In addition to meeting the university requirements for certificate admission, applicants must have completed the following courses in either category 1 or category 2:

Category 1 - CPSC 4205, CPSC 4335, and CPSC 4342 or their equivalents; or

Category 2 - CPSC 5000, Information Security Preparation, or its equivalent.

Note: Students need to be aware that they must have a discrete mathematics background. If the student does not have that background, he/she will need to seek assistance.

Certificate Requirements

To receive the Information Security Certificate, undergraduate students must complete each required course with a grade of "B" or better and submit the petition for completion to their faculty advisor.

- I. Required Courses (15 Hours)
 - CPSC 4580/MIS 4580 Information Security (3)
 - CPSC 4581/MIS 4801 Information Security Policy and Management (3)
 - CPSC 4582 Cryptography and Network Security (3)
 - CPSC 4583 Laboratory in Information Security (3)
 - CPSC 4584 Special Topics in Information Security (3)

- II. Total - 15 Hours

Note: GSU undergraduate students may enroll in this certificate for elective credit toward their bachelor's degree. Undergraduate students from other colleges/universities are also eligible to enroll but would need to check with their institution to determine the transferability of the courses.

Restorative Justice Certificate

Governors State University offers a 5-course certification program in restorative justice theory and practice. Restorative Justice involves the utilization of collaborative, community-based or community-oriented techniques for responding to crimes and offenses, relying less on traditional judicial processing, and more on victim, community, and offender-centered practices that hold offenders accountable for their actions, ensure that the consequences of harms and offenses meet the specific needs and desires of victims and community members, while attending to improvement in offender competencies so as to prevent future harmful behavior on the offender's part. This certification program

provides instruction in the historical, global, and cultural influences on contemporary restorative justice programs and practices on a range of evidence-based restorative practices and on restorative justice program planning and evaluation techniques. It includes several practice-oriented workshops through which students acquire hands-on practice and skill development in restorative justice techniques, enabling them, upon successful completion of the program, to confidently practice restorative justice in their families, communities, and workplaces.

Admissions Requirements

Eligible registrants for this program include GSU students and other students with successful records of upper-division college coursework and with an interest in working collaboratively in their communities and workplaces on restorative approaches to conflict resolution and peacemaking.

Entrance requirements for this certification program include the following:

- For GSU students: successful completion of 15 hours of upper-division coursework with an overall C+ (2.7 GPA) average or better for all courses taken at GSU.
- For non-GSU students, or for GSU students with fewer than 15 hours of upper division coursework: demonstration of an interest in restorative justice and completion of 15 hours of upper division coursework at another college or university with a 2.7 GPA or better, or a written petition describing life and work experience that demonstrates sufficient ability and interest to complete a 15-credit upper-division certification program in restorative justice.

These entrance requirements are slightly more stringent than the general entrance requirements for the CJUS Program, because they include successful completion of upper division courses (or demonstration of life or work experience indicative of the ability to complete the upper-division courses in this program) prior to enrolling in the certification program.

Certificate Requirements

Completion of the certificate in restorative justice practice requires successful completion of the following courses with a "B" average (3.0 GPA) or better across all five courses.

- CJUS 4140 Restorative Justice (3)
- CJUS 4350 Victims and the Justice System (3)
- CJUS 4351 Restorative Justice Practices I (3)
- CJUS 4352 Restorative Justice Practices II (3)
- CJUS 4420 Planning and Evaluation Practicum for Restorative Justice (3)

Total - 15 Hours