Double Majors

Students who wish to expand their educational opportunities may decide to declare a double major. This decision may be based on career goals, planned graduate studies, and/or other student interests. Before a student declares a double major, it is important to meet with the appropriate academic departments for advisement. In order to declare a double major, the student must complete the Major/Minor Declaration form. This form will be submitted electronically and reviewed and approved by each department chairperson as well as the appropriate associate dean.

Per college policy, each additional major requires a minimum of 15 credits that do not apply to the student’s first or subsequent major. Some double major combinations can be completed within the minimum 120 credit hour degree requirement, but in other cases additional course work may be required. Please note that students will receive only one degree, regardless of the number of majors they complete. Both (all) majors appear on a student’s transcript.

Minors in Other Disciplines

Minors provide students the opportunity to pursue additional interests but generally do not require as many courses as a major. Minors generally range from five to eight required courses. To receive a minor, the student must complete at least 9 credit hours of coursework distinct from their other credentials (i.e., majors, other minors). The complete list of minors is available on the Canisius website (https://www.canisius.edu/academics/programs/undergraduate/?type%5B%5D=17) and in the catalog (https://catalog.canisius.edu/undergraduate/minors/) and provides links to each minor. Some majors and minors can be completed within the minimum 120 credit hour degree requirement, but in some cases additional coursework may be required. Students must complete the appropriate minor request form.

Curriculum

An Ignatian Foundation

All undergraduate students must complete either the Canisius Core Curriculum (http://catalog.canisius.edu/undergraduate/academics/core-curriculum/) or the All-College Honors Curriculum (http://catalog.canisius.edu/undergraduate/academics/core-curriculum/all-college-honors-program/). Many schools refer to their college-wide undergraduate requirements as “general education” requirements. We believe that the core curriculum and the honors curriculum are more than a series of required classes; they provide the basis for a Jesuit education both with content and with required knowledge and skills attributes that are central to our mission.

Free Electives

Students may graduate with a bachelor’s degree with more but not less than 120 credit hours. Free electives are courses in addition to the Canisius Core Curriculum or All-College Honors Curriculum and major requirements sufficient to reach the minimum number of credits required for graduation. The number of credits required to complete a bachelor’s degree may vary depending on the student’s major(s) and minor(s).

Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 101</td>
<td>Principles of Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>EVST 110</td>
<td>Science of Environmental Problems I</td>
<td>3</td>
</tr>
<tr>
<td>EVST 111</td>
<td>Science of Environmental Problems II</td>
<td>3</td>
</tr>
<tr>
<td>SOC 234</td>
<td>Environment and Society</td>
<td>3</td>
</tr>
</tbody>
</table>
PHI 244 or RST 347  
Environmental Ethics  
Ecotheology  

Select 1 of the following Research Methods courses:  
HSV 303  Research Methods in the Social Sciences  
SOC 375  Ethnography and Culture  
SOC 342  Quantitative Research Methods  

Select 1 of the following Geographical Information Systems (GIS) courses:  
ECO 310  Introduction to Geographic Information Systems  
ECO 311  Metropolitan Economic Development and GIS  
SOC 315  Geographical Information Systems (GIS) for the Social Sciences  

Select 4 Major Electives  
SOC 324  Visual Sociology  
EVST 498  Internship  

Total Credits  
37-39  

Major Electives  
A student's electives must be 4 courses from any of the designated major tracks.  

Environmental Justice Track  
Focuses student attention on social and environmental justice through the use of critical thinking of structural problems and how these issues are applied to environmental problems and human society.  

Environmental Conservation and Administration  
Focuses student attention on the movements for conservation practices and the legal, historical, and organization implications for the welfare of the environment.  

Sustainable Economics  
Focuses student attention on the development of sustainable business practices from a systems approach. Enables students to develop an understanding of the nature of green economic practices.  

Learning Goals & Objectives  
Student Learning Goal 1  
Environmental Studies Majors will Demonstrate knowledge of complex environmental systems and environmental issues in scientific, cultural, and social realms  
Students will:  
  • Objective A: Evaluate information on political economy of environmental issues;  
  • Objective B: Articulate issues of social construction of science;  
  • Objective C: Articulate an integration of issues of environmental and social justice.  

Student Learning Goal 2  
Environmental Studies Majors will Demonstrate scientific literacy of environmental issues  
Students will:  
  • Objective A: Demonstrate knowledge of complex theories of environmental problems;
Courses

EVST 110 Science of Environmental Problems I 3 Credits
Environmental problems are defined as problems that result from interactions between humans and the natural environment. This course is designed to provide a conceptual framework for understanding and analyzing environmental problems, an introduction to the scientific basis of key environmental problems, and an introduction to scientific solutions to environmental problems.
Fulfills College Core: Field 6 (Natural Sciences)

EVST 111 Science of Environmental Problems II 3 Credits
This course is designed to provide a conceptual framework for understanding and analyzing environmental problems, to the scientific basis of key environmental problems and their solutions. An extension from EVST 110.
Fulfills College Core: Field 6 (Natural Sciences)

EVST 235 Environmental Policy 3 Credits
This course covers key issues within environmental policy. As well as exploring the history and origins of policy, we will explore some of the key debates such as eco-centricism versus anthropocentricism, animal rights, global justice and our obligations to future generations. Key concepts will include local, state, national, and international policy perspectives; views of democrats and social justice. Reference will be made to other strands of environmental policy and contemporary political theory such as liberalism, socialism, feminism, nationalism and anarchism.
Offered: Fall

EVST 250 Narratives of Nature and Culture 3 Credits
Narratives--stories--are one of the primary tools humans use to shape their understanding of themselves and their environment. Course examines non-fiction, creative non-fiction and fictional narratives to identify origins and elaborations of stories we tell about nature and culture as they impact our relationships to our environments.
Prerequisites: ENG 111 and ENG 112 or HON 101.
Fulfills College Core: Field 5 (Social Sciences)
Offered: once a year.

EVST 259 Environmental History of the United States 3 Credits
This course examines the evolving relationship between humans and the nonhuman natural world in the United States. Topics include the ecological implications of the arrival of African and European peoples in North America, westward expansion, impacts of industrialization, the industrialization of agriculture, and the development of ecological consciousness.
Fulfills College Core: Field 4 (History)

EVST 360 Environmental Health 3 Credits
Environmental effects on human health, including biological, physical and chemical hazards in water, soil, and air. Course focuses on public health and epidemiological study approaches. Emerging issues also discussed.
Offered: occasionally.

EVST 498 Internship 1-3 Credits
Students will have the opportunity to participate in the daily work of an environmental agency or organization. Students assume responsibility for daily work and, upon agreement with the instructor and site supervisor, a reflection journal, a research paper and 120 hours of work on-site.
Prerequisite: permission of chair & associate dean.

EVST 499 Independent Study 1-4 Credits
Study and work with a faculty supervisor. Project to be determined by faculty agreement. Independent studies require an application and approval by the associate dean.
Prerequisite: permission of the instructor, department chair, & associate dean.

3+3 Accelerated BA/BS-JD ProgAM

Director: Robert Klump (klump@canisius.edu), Esq. at 716.888.2884

The 3+3 Accelerated BA/BS-JD program (https://www.canisius.edu/academics/programs/pre-law/33-accelerated-ba-or-bs-plus-jd/) through the University at Buffalo School of Law (https://www.law.buffalo.edu/admissions/3-plus-3.html) is open to a variety of majors. By participating, you can:

- Complete your undergraduate education and law degree in less time (and for less cost) than the 7 years typically required
- Become fully eligible for scholarships and grants offered to qualified incoming students at the University at Buffalo School of Law
- Upon successful completion of the first-year curriculum at UB Law School, a student’s credits for the year will be transferred to Canisius to complete his or her bachelor’s degree which will then be conferred by Canisius.

Eligibility

This unique program is open to pre-law students who:

sociology/), Strategic Communication (http://catalog.canisius.edu/undergraduate/college-arts-sciences/communication-studies/).

- Take the LSAT or GRE no later than January of their junior year*
- Apply to the UB School of Law no later than February 1 of their junior year
- Complete all academic requirements toward their major by the end of their junior year
- Maintain a cumulative GPA at Canisius of 3.5 or higher

*The LSAT score must be at or above the median LSAT score for the UB School of Law's previous year's enrolled class or the GRE score must be at or above the 70th percentile for Verbal Reasoning and the 40th percentile for Quantitative Reasoning.

For more information, contact the Raichle Center director.

3+3 Environmental Studies BA/JD Roadmap

Freshman

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
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<tbody>
<tr>
<td>ENG 111</td>
<td>ENG 112</td>
</tr>
<tr>
<td>RST 101</td>
<td>PHI 101</td>
</tr>
<tr>
<td>Attribute: Global Awareness</td>
<td>Field 7: Mathematical Sciences</td>
</tr>
<tr>
<td>EVST 110</td>
<td>EVST 111</td>
</tr>
<tr>
<td>ECO 101</td>
<td>HSV 303 or ANT 351</td>
</tr>
</tbody>
</table>

Sophomore

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field 1: Religious Studies and Theology</td>
<td>Field 2: Philosophy</td>
</tr>
<tr>
<td>Attribute: Justice</td>
<td>Attribute: Ethics*</td>
</tr>
<tr>
<td>Skills: Advanced Writing-Intensive</td>
<td>Attribute: Diversity</td>
</tr>
<tr>
<td>SOC 234</td>
<td>ECO 310, 311, or SOC 315</td>
</tr>
<tr>
<td>PHI 244 or RST 347</td>
<td>Track Option Elective</td>
</tr>
</tbody>
</table>

Junior

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field 3: Literature and Arts</td>
<td>Field 4: History</td>
</tr>
<tr>
<td>Field 5: Social Sciences</td>
<td>Field 6: Natural Sciences</td>
</tr>
<tr>
<td>Skills: Oral Communication</td>
<td>Track Option Elective</td>
</tr>
<tr>
<td>Track Option Elective</td>
<td>SO C 324</td>
</tr>
<tr>
<td>Track Option Elective</td>
<td>Capstone</td>
</tr>
</tbody>
</table>

Senior

<table>
<thead>
<tr>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st year JD courses taken at UB</td>
<td>1st year JD courses taken at UB</td>
</tr>
<tr>
<td>LAW 509: Torts</td>
<td>LAW 505: Criminal Law</td>
</tr>
<tr>
<td>LAW 501: Civil Procedure</td>
<td>LAW 507: Property</td>
</tr>
<tr>
<td>LAW 503: Contracts</td>
<td>LAW 511: Constitutional Law</td>
</tr>
<tr>
<td>LAW 515: Legal Analysis, Writing and Research I</td>
<td>LAW 515: Legal Analysis, Writing and Research II</td>
</tr>
</tbody>
</table>

ATTRIBUTES - Can be fulfilled using a variety of courses including Field of Knowledge courses and electives with attribute designation

Justice