BACHELOR OF SCIENCE IN ENVIRONMENTAL STUDIES

Students may enter the Bachelor of Science program as first-year students or as transfer students. Students who are preparing to transfer to ESF as juniors must have earned at least 60 credits of college coursework, in courses comparable to the lower-division course requirements as noted below.

In the first two years of the program, students develop a foundation in the social sciences, humanities, and natural sciences as they relate to environmental affairs. During that time, students also fulfill SUNY general education requirements and take some open elective courses.

Option Areas

In the final two years of the program, students must select one of three specializations called Option Areas.

Environment, Communication and Society

This option focuses on how communication and social systems influence environmental affairs and shape our perceptions of the non-human world. It addresses the subjects of rhetoric and discourse; news media; public participation; advocacy campaigns; collaboration; conflict resolution; risk communication; social processes; and representations of nature in literature and popular culture.

Environmental Policy, Planning and Law

This option is concerned with how environmental policies, plans, and laws from the local to the global are created, implemented and contested. It emphasizes legislative, regulatory, and collaborative approaches to addressing environmental issues.

Natural Systems Applications

This option is designed for students interested in the interface between biology and socio-economic issues. It provides an emphasis on natural systems and their interactions with societal issues ranging from education to habitat management.

Lower Division Environmental Studies Core Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>APM 103</td>
<td></td>
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<tr>
<td>OR</td>
<td></td>
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<tr>
<td>APM 104</td>
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<td>OR</td>
<td></td>
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<tr>
<td>APM 105</td>
<td></td>
</tr>
<tr>
<td>EFB 100</td>
<td></td>
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<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>EFB 101</td>
<td></td>
</tr>
<tr>
<td>AND</td>
<td></td>
</tr>
</tbody>
</table>
EFB 102
EFB 103
AND
EFB 104
OR
EST 231

EFB 120
ESF 200
EST 132
EST 133
EST 221
EST 245
EST 255
EWP 190
EWP 220
EWP 290
FCH 110
AND
FCH 111
OR
FCH 150
AND
FCH 151
FOR 207

**Lower Division Electives**

<table>
<thead>
<tr>
<th>Course</th>
<th>Codes*</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Education Course in one of the following categories: US History &amp; Civic Engagement, The Arts, World History and Global Awareness, World Languages</td>
<td>G</td>
<td>3</td>
</tr>
</tbody>
</table>
General Education Course in Diversity, Equity, Inclusion and Social Justice | G | 3
Directed Electives | 27
Open Electives | 18

Upper Division Environmental Studies Core Courses
APM 391

EFB 320
OR
FOR 232
OR
EST 220
OR
FOR 442
OR
LSA 321

EST 321
EST 361
EST 494
EWP 407

Senior Synthesis

Upper Division Electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Codes*</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Division Computing OR Natural Science Course</td>
<td></td>
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</tbody>
</table>

Environment, Communication and Society Option
EST 390
EST 395
EST 493

Choose two of the following five courses: EWP 495, EWP 420, ESF 6300, EFB 417, EFB 312
Option Courses (Including 3 credits in Methods)  

**Environmental Policy, Planning and Law Option**  
EST 550

Method Courses  
6

Law Option Courses  
3

Planning Option Courses  
3

Environmental Policy/Planning/Law Option Courses  
15

### Natural Systems Applications Option

<table>
<thead>
<tr>
<th>Course</th>
<th>Codes*</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Methods GIS (Required)</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Field Methods Scientific Breadth</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Natural Applications Suboptions Natural Systems</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Natural Applications Suboptions Environmental Quality</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Social Science Policy or law courses</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Social Science Communication courses</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Social Science Critical Issues in the Environment</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Minimum Credits For Degree: 122-125** (total credits must include a minimum of 51 credit hours at the 300 level or above)