ENVIRONMENTAL STUDIES TRACK (B.S.)
2016-2017 CATALOG

There are three tracks in Interdisciplinary Studies (IDS). This handout is for the Environmental Studies Track.

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Description
The Interdisciplinary Studies (IDS) program is housed in the College of Undergraduate Studies and located in the Interdisciplinary Studies Office. It is a university-wide program designed for students seeking a combination of studies. The Environmental Studies track is designed for students who desire a broadly based foundation in environmental studies, including the science, policy and politics, philosophy, and technology of environmental issues.

Curriculum Requirements (Current Catalog)
1. Core plus Two Areas: The Environmental Studies track student completes the following: the Core for Environmental Studies (11 hours after GEP), the Environmental Studies Fundamentals (19 hours), and a specialized area of study in either the Sciences Concentration or the Values, Planning, and Policy Concentration (18 hours).

2. Restrictions on Areas and Minors
   a. Non-Overlap: No courses can overlap in the major.
   b. Permissible Courses and Grades: All courses requested to be used in this track are subject to the approval of an advisor and the Director. Only grades of “C” (2.0) or better in each course are accepted in the core and two areas. The two areas combined must contain at least 30 total upper level hours and 30 UCF hours. Courses used in the General Education Program (GEP) or those of lower level than the GEP courses cannot be used in the areas of study unless listed in the catalog.

3. Time of Change of Major and Catalog Year: Students must declare their IDS major – Environmental Studies track no later than the semester prior to the one of intended graduation. Students who change degree programs and select this major must adopt the most current catalog. One should meet with an advisor before declaring the IS major – Environmental Studies track.


5. Foreign Language: The BS degree requires one semester (or its equivalent) of college-level foreign language or one multicultural course. For a list of multicultural courses, please see the handout in the Department or visit the IDS website. Be sure that you have completed the university’s foreign language admission requirements before graduation.
I. General Education Program (38 hrs)
Communication Foundations (9 hrs)
A1. Select ENC 1101
A2. Select ENC 1102
A3. Recommend SPC 1608 or SPC 1603

Cultural and Historical Foundations (9 hrs)
B1. Select one of the following:
   AMH 2010  EUH 2000
   EUH 2001  ♦ HUM 2020
   HUM 2210  ♦ HUM 2230
   WOH 2012  WOH 2022

B2. Select one of the following:
   ARH 2050  ARH 2051
   FIL 1000  FIL 2030
   LIT 2110  LIT 2120
   MUH 2017  MUH 2019
   ♦ MUL 2010  ♦ MUL 2016
   ♦ MUL 2720  ♦ PHI 2010
   REL 2300  ♦ THE 2000

B3. Take one additional course from either B1 or B2*

Mathematical Foundations (6 hrs)
C1. Select ♦ MAC 1105 or higher
C2. Select ♦ STA 2023

Social Foundations (6 hrs)
D1. Select ECO 2023
D2. Select ♦ SYG 2000

Science Foundations (6 hrs)
E1. Select ♦ CHM 2045 or CHM 2040 & 2041
E2. Select ♦ BSC 2010C

State Core
♦ One (1) Florida State Core course is required per each of the five (5) GEP Foundations.

*Consider Gordon Rule Writing (GRW) and State Core Requirements (♦) for your B3 course selection.

II. Foreign Language Req. (0-8 hrs)
Admission - BS: Two years high school, or two semesters of college level language (or equivalent) prior to graduation.
Graduation - BS: One semester of college level language (or equivalent) or an approved Multicultural course prior to graduation.

III. Environmental Studies Core (GEP + 11 hrs)
A. Physical/Mathematical Sciences
   ♦ CHM 2045G Chemistry Fundamentals I*  GEP
   ♦ CHM 2040 (Chem 1A) & CHM 2041 (Chem 1B)  3+3 hrs
   based on Chemistry Placement Test results
   ♦ MAC 1105 College Algebra or higher  GEP
   PSC 1121 Physical Science*  3 hrs
   ♦ PHY 2053C College Physics I or higher  (4 hrs)
   ♦ STA 2023 Statistical Methods I  GEP

B. Life Sciences
   ♦ BSC 2010C Biology I  GEP
   BSC 2011C Biology II  4 hrs
   ♦ PCB 3044+L Principles of Ecology & Lab  3+1 hrs

C. Social Science & Humanities
   ♦ SYG 2000 Sociology  GEP
   ♦ ECO 2023 Microeconomics  GEP
   ♦ IDS 3150 Foundations of Environmental Studies  3 hrs
   ♦ ECP 3302 Economics & the Environment  3 hrs
   ♦ GIS 3043C GIS for Environmental Studies  3 hrs
   ♦ GIS 4301C Advanced GIS for Environmental Studies  4 hrs
   ♦ PUP 3203 Environmental Politics  3 hrs
   ♦ SYD 4510 Environment and Society  3 hrs
   ♦ IDS 1060C and BSC 2010C, or C.I.

IV. Environmental Studies Fundamentals (19 hrs)
   IDS 3150 Foundations of Environmental Studies  3 hrs
   (PR: Junior standing, complete GEP Math & Science)
   ECP 3302 Economics & the Environment  3 hrs
   (PR: ECO 2023)
   GIS 3043C GIS for Environmental Studies  3 hrs
   (PR: CGS 1060C and BSC 2010C, or C.I.)
   GIS 4301C Advanced GIS for Environmental Studies  4 hrs
   (PR: GIS 3043C)
   PUP 3203 Environmental Politics  3 hrs
   (PR: ENC 1102 or POS 2041 or C.I.)
   SYD 4510 Environment and Society  3 hrs
   (PR: SYG 2000 or Junior standing)

V. Concentration Area (18 hrs)

   Sciences  18 hrs
or
Values, Planning, and Policy  18 hrs

NOTES:
* If you are interested in working in the
  Environmental Field with any kind of Science Focus, we HIGHLY RECOMMEND that you take
  additional Chemistry (e.g. CHM 2046 & CHM 2210)
  * An Internship, Co-op, or Research is also
    HIGHLY RECOMMENDED.

For information on Internships and/or Co-op, visit the
Office of Experiential Learning
www.explearning.ucf.edu

For information on Research opportunities, visit the
Office of Undergraduate Research
www.our.ucf.edu

*Consider Gordon Rule Writing (GRW) and State Core Requirements (♦) for your B3 course selection.

Updated May 2016
<table>
<thead>
<tr>
<th>Sciences Concentration:</th>
<th>Values, Planning &amp; Policy Concentration:</th>
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</thead>
<tbody>
<tr>
<td>BCH 4053 Biochemistry I (3)</td>
<td>ANT 3541 Biobehavioral Anthropology (3)</td>
</tr>
<tr>
<td>BCH 4054 Biochemistry II (3)</td>
<td>ANT 3550C Primateology (3)</td>
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<tr>
<td>BOT 3018C Culinary Botany Across Culture (3)</td>
<td>ANT 3701 Applied Anthropology (3)</td>
</tr>
<tr>
<td>BOT 3152C Local Flora (3)</td>
<td>ANT 4467 Nutritional Anthropology (3)</td>
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<td>BOT 3802 Ethnobotany (3)</td>
<td>BOT 3802 Ethnobotany (3)</td>
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<tr>
<td>BOT 4223C Plant Anatomy (4)</td>
<td>BSC 4861L Sustainability (3)</td>
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<tr>
<td>BOT 4303C Plant Kingdom (5)</td>
<td>BSC 2010C</td>
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<tr>
<td>BOT 4434C General Mycology (4)</td>
<td>CPO 4794 Indigenous Politics &amp; the Environment (3)</td>
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<tr>
<td>BOT 4503 Plant Physiology (4)</td>
<td>ECP 4303 Environmental &amp; Natural Resource Economics (3)</td>
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<tr>
<td>BOT 4713C Plant Taxonomy (5)</td>
<td>EGS 4710 Energy and Society (3)</td>
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<tr>
<td>BOT 4850 Medicinal Botany (3)</td>
<td>ENC 3211 Theory &amp; Practice of Technical Writing (3)</td>
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<td>BSC 3052 Conservation Biology (3)</td>
<td>ENC 3241 Writing for the Technical Professional (3)</td>
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<tr>
<td>BSC 3512 Principles of Marine Biology (3)</td>
<td>ENC 4360 Nature Writing (3)</td>
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<td>BSC 4322C Advanced Marine Biology (4)</td>
<td>ENV 3001 Introduction to Environmental Engineering (3)</td>
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<td>BSC 4330 Invasion Biology (3)</td>
<td>GIS 4035C Remote Sensing of the Environment (3)</td>
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<tr>
<td>BSC 4413 Biogeography (4)</td>
<td>HSC 4500 Epidemiology (3)</td>
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<td>BSC 4861L Socially &amp; Economically Env. Prot.</td>
<td>IDS 4204C Advanced Topics on Energy &amp; Sustainability (3)</td>
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<td>CHM 3120 Analytical Chemistry (3)</td>
<td>INR 3016 Global Political Issues (3)</td>
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<td>CHS 4615 Environmental Chemistry (3)</td>
<td>INR 4054 Global Politics of Energy (3)</td>
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<td>ENY 4004C General Entomology (4)</td>
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<td>HSC 4500 Epidemiology (3)</td>
<td>INR 4351 International Environmental Law (3)</td>
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<td>MCB 4603 Environmental Microbiology (3)</td>
<td>LIT 3437 International Environmental Justice Literature (3)</td>
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<tr>
<td>OCE 3008 Oceanography (3)</td>
<td>PAD 3330 Urban and Regional Planning (3)</td>
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<tr>
<td>PAZ 4234 Zoo &amp; Aquarium Management (3)</td>
<td>PAD 4331 Land Use and Planning (3)</td>
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<tr>
<td>PCB 3023 Molecular Cell Biology (3)</td>
<td>PAD 4351 Issues in Environmental Program Management (3)</td>
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<td>PCB 3063 Genetics (3)</td>
<td>PHH 3701 Native American Philosophy (3)</td>
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<td>PCB 3343L Principles of Field Ecology (2-5)</td>
<td>PHI 3033 Philosophy, Religion &amp; the Environment (3)</td>
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<td>PCB 3354 Tropical Ecology &amp; Conservation (3)</td>
<td>PHI 3640 Environmental Ethics (3)</td>
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<td>PCB 3355L Tropical Marine Bio (2) &quot;Stdy Abrid&quot;</td>
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<td>PCB 3442 Aquatic Ecology (3)</td>
<td>PHI 4400 Philosophy of Science (3)</td>
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<td>PCB 4353 Florida Natural History (3)</td>
<td>PHI 4633 Ethics and Biological Science (3)</td>
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<td>PCB 4514 Genetics II (3)</td>
<td>PHM 4031 Environmental Philosophy (3)</td>
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<td>PCB 4681 Evolutionary Biology (4)</td>
<td>PLA 4554 Environmental Law (3)</td>
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<td>PCB 4684 Population Genetics (2)</td>
<td>PSY 3630 Psychology of Human-Animal Interaction (3)</td>
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<td>PCB 4723 Animal Physiology (4)</td>
<td>PUP 3204 Sustainability (3)</td>
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<td>PCB 4802 Comparative Endocrinology (3)</td>
<td>PUP 4209 Urban Environmental Policy (3)</td>
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<tr>
<td>ZOO 3713C Comparative Vert. Anatomy (5)</td>
<td>RED 3614 Environmental Issues for Real Estate (3)</td>
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<tr>
<td>ZOO 4203C Bio &amp; Eco of Metazoan Invert. (4)</td>
<td>SYD 4514 Environmental Movement (3)</td>
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<tr>
<td>ZOO 4310C Vertebrate Evolution &amp; Ecology (4)</td>
<td>SYO 3408 Animals and Health (3)</td>
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<tr>
<td>ZOO 4480 Mammalogy (4)</td>
<td>WST 4349 Ecofeminism (3)</td>
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<td>ZOO 4480L Mammalogy Lab (1)</td>
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<td>ZOO 4513 Animal Behavior (3)</td>
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<tr>
<td>ZOO 4603C Embryology/Development (5)</td>
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<tr>
<td>ZOO 4910L Research in Animal Behavior</td>
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<tr>
<td>ZOO 4753C Vertebrate Histology (4)</td>
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**Values, Planning & Policy Concentration:**

- ANT 3541 Biobehavioral Anthropology (3)
- ANT 3550C Primateology (3)
- ANT 3701 Applied Anthropology (3)
- ANT 4467 Nutritional Anthropology (3)
- BOT 3802 Ethnobotany (3)
- BSC 4861L Sustainability (3)
- CPO 4794 Indigenous Politics & the Environment (3)
- ECP 4303 Environmental & Natural Resource Economics (3)
- EGS 4710 Energy and Society (3)
- ENC 3211 Theory & Practice of Technical Writing (3)
- ENC 3241 Writing for the Technical Professional (3)
- ENC 4360 Nature Writing (3)
- ENV 3001 Introduction to Environmental Engineering (3)
- GIS 4035C Remote Sensing of the Environment (3)
- HSC 4500 Epidemiology (3)
- IDS 4204C Advanced Topics on Energy & Sustainability (3)
- INR 3016 Global Political Issues (3)
- INR 4054 Global Politics of Energy (3)
- INR 4350 Global Environmental Politics (3)
- INR 4351 International Environmental Law (3)
- LIT 3437 International Environmental Justice Literature (3)
- PAD 3330 Urban and Regional Planning (3)
- PAD 4331 Land Use and Planning (3)
- PAD 4351 Issues in Environmental Program Management (3)
- PHH 3701 Native American Philosophy (3)
- PHI 3033 Philosophy, Religion & the Environment (3)
- PHI 3640 Environmental Ethics (3)
- PHI 3672 Animal Ethics (3)
- PHI 4400 Philosophy of Science (3)
- PHI 4633 Ethics and Biological Science (3)
- PHM 4031 Environmental Philosophy (3)
- PLA 4554 Environmental Law (3)
- PSY 3630 Psychology of Human-Animal Interaction (3)
- PUP 3204 Sustainability (3)
- PUP 4209 Urban Environmental Policy (3)
- RED 3614 Environmental Issues for Real Estate (3)
- SYD 4514 Environmental Movement (3)
- SYO 3408 Animals and Health (3)
- WST 4349 Ecofeminism (3)
- SYG 2000 or ANT 2000 or PSY2012