

**B.S. in ENVIRONMENTAL STUDIES
2017-2018 CATALOG**

This handout is for the Bachelor of Science in Environmental Studies.

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Description

The B.S. in Environmental Studies 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 program 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 program student completes the following: the Core for Environmental Studies (11 hours after GEP), the Environmental Studies Fundamentals (19 hours), Environmental Studies Capstone (3 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 –B.S. in Environmental Studies 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 IDS major – B.S. Environmental Studies.
4. Computer Competency: The major fulfills the Computer Competency Requirement.
5. Foreign Language: The BS degree requires two semesters (or its equivalent) of college-level foreign language. Be sure that you have completed the university’s foreign language requirements before graduation.

<p>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</p> <p>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 WOH2022</p> <p>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</p> <p>B3. Take one additional course from either B1 or B2*</p> <p>Mathematical Foundations (6 hrs) C1. Select ◊ MAC 1105 or higher C2. Select ◊ STA 2023</p> <p>Social Foundations (6 hrs) D1. Select ECO 2023 D2. Select ◊ SYG 2000</p> <p>Science Foundations (6 hrs) E1. Select ◊ CHM 2045 or CHM 2040 & 2041 E2. Select ◊ BSC 2010C</p>	<p>III. Environmental Studies Core (GEP + 11 hrs) A. Physical/Mathematical Sciences ◊ CHM 2045C Chemistry Fundamentals I* GEP *or CHM 2040 (Chem 1A) & CHM 2041 (Chem 1B) 3+3 hrs based on Chemistry Placement Test results</p> <p>◊ MAC 1105 College Algebra or higher GEP</p> <p>PSC 1121 Physical Science* 3 hrs *or PHY 1038 Energy Climate Change 3 hrs *or GLY 2038 Environmental Geoscience 4 hrs *or ◊ PHY 2053C College Physics I or higher GEP</p> <p>◊ STA 2023 Statistical Methods I GEP</p> <p>B. Life Sciences ◊ BSC 2010C Biology I GEP</p> <p>BSC 2011C Biology II 4 hrs</p> <p>PCB 3044+L Principles of Ecology & Lab 3+1 hrs (PR: BSC 2010C, BSC 2011C, CHM 2041 or CHM 2045C)</p> <p>C. Social Science & Humanities ECO 2023 Microeconomics GEP</p> <p>◊ SYG 2000 Sociology GEP</p>	<p>V. Environmental Studies Capstone (3 hrs) IDS 4893 Environmental Studies Capstone* *Required 2nd to last or graduating semester</p> <p>VI. Concentration Area (18 hrs) Sciences 18 hrs or Values, Planning, and Policy 18 hrs</p> <p>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)</p> <p>* An Internship, Co-op, or Research is also HIGHLY RECOMMENDED.</p> <p>For information on Internships and/or Co-op, visit the Office of Experiential Learning www.explearning.ucf.edu</p> <p>For information on Research opportunities, visit the Office of Undergraduate Research www.our.ucf.edu</p>
<p>State Core ◊ One (1) Florida State Core course is required per each of the five (5) GEP Foundations.</p> <p>*Consider Gordon Rule Writing (GRW) and State Core Requirements (◊) for your B3 course selection.</p>	<p>IV. Environmental Studies Fundamentals (19 hrs) IDS 3150 Foundations of Environmental Studies 3 hrs (PR: Junior standing, complete GEP Math & Science)</p> <p>ECP 3302 Economics & the Environment 3 hrs (PR: ECO 2023)</p> <p>GIS 3043C GIS for Environmental Studies 3 hrs (PR: CGS 1060C and BSC 2010C, or C.I.)</p> <p>GIS 4301C Advanced GIS for Environmental Studies 4 hrs (PR: GIS 3043C)</p> <p>PUP 3203 Environmental Politics 3 hrs (PR: ENC 1102 or POS 2041 or C.I.)</p> <p>SYD 4510 Environment and Society 3 hrs (PR: SYG 2000 or Junior standing)</p>	
<p>II. Foreign Language Req. (0-8 hrs)</p> <p>Admission - BS: Two years high school, or two semesters of college level language (or equivalent) prior to graduation.</p> <p>Graduation - BS: Two semesters of college level language (or equivalent) prior to graduation.</p>		

Sciences Concentration:		Values, Planning & Policy Concentration (VPP):	
BCH 4053 Biochemistry I (3)	PR: CHM 2211	ANT 3541 Biobehavioral Anthropology (3)	PR: ANT 2000 or ANT 2511
BCH 4054 Biochemistry II (3)	PR: BCH 4053	BOT 3802 Ethnobotany (3)	PR: BSC 2010C/2011C
BOT 3152C Local Flora (3)	PR: BSC 2010C/2011C	ECP 4303 Environmental & Natural Resource Economics (3)	PR: ECO 3101
BOT 3802 Ethnobotany (3)	PR: BSC 2010C/2011C	ENC 3241 Writing for the Technical Professional (3)	PR: ENC 1102, Junior Standing
BOT 4303C Plant Kingdom (5)	PR: BOT 3802	ENC 4360 Nature Writing (3)	PR: CRW 3013, CRW 3053
BOT 4713C Plant Taxonomy (5)	PR: BOT 3802	INR 4351 International Environmental Law (3)	PR: POS 2041 or ENC 1102
BSC 4312C Advanced Marine Biology (4)	PR: PCB 3044, BSC 3312	PAD 3330 Urban and Regional Planning (3)	PR: Junior Standing, U & RP minor
CHM 3120 Analytical Chemistry (3)	PR: CHM 2046+L	PAD 4351 Issues in Environmental Program Management (3)	PR: Junior Standing, U & RP minor
OCE 3008 Oceanography (3)	PR: BSC 2010C, CHM 2045C/2046	PHI 3033 Philosophy, Religion & the Environment (3)	PR: Junior Standing
PCB 3063 Genetics (3)	PR: BSC 2010C, CHM 2046	PHI 3640 Environmental Ethics (3)	PR: Junior Standing
PCB 3442 Aquatic Ecology (3)	PR: BSC 2010C/2011C	PHI 4400 Philosophy of Science (3)	PR: Junior Standing or PHI 2010
PCB 4683 Evolutionary Biology (4)	PR: PCB 3044, PCB 3063	PHI 4633 Ethics and Biological Science (3)	PR: Completion of GEP
PCB 4723 Animal Physiology (4)	PR: PCB 3023	PHM 4031 Environmental Philosophy (3)	PR: PHI 2630 or PHI 3640
PCB 5045 Conservation Biology (4)	PR: Admission to Grad Studies in Biology, C.I.	PLA 4554 Environmental Law (3)	PR: PLA 3014, Junior Standing
PCB 5326C Ecosystems of Florida (5)	PR: Admission to Grad Studies in Biology, C.I.	PUP 3204 Sustainability (3)	PR: ENC 1102
		PUP 4209 Urban Environmental Policy (3)	PR: POS 2041 or ENC 1102
<div style="border: 1px solid black; padding: 5px; display: inline-block;"> Must choose 18 credits in Sciences OR VPP </div>			
			Updated Aug. 2017