

## ENVIRONMENTAL SCIENCE - BS (124 hours)

NAME _____	PID _____	Optional 2 <sup>nd</sup> Major or Minor _____
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### FOUNDATIONS

English Comp. and Rhetoric	Foreign Language* HSFL(s) _____	Quant. Reas. (QR)	Lifetime Fitness (LFIT)
ENGL 101 _____	1. _____	MATH 231 _____	(1 hr.)
ENGL 102 _____	2. _____		
	3. _____		
	4. _____		

\* Through Level 3 unless placed into Level 4 of HSFL

### APPROACHES

Phys. and Life Sciences (PL/PX)	Social and Behavioral Sciences **	Humanities/Fine Arts
BIOL 101/101L _____/_____	Hist. Analysis (HS): _____ Soc. Sci./Hist. Analysis (SS/HS): *** _____	Vis. & Perf. Arts (VP): _____ Literary Arts (LA): _____
CHEM 101/101L _____/_____	Soc. Sci./Hist. Analysis (SS/HS): ENST 201 _____	Phil. Reasoning (PH): _____

\*\* From at least two departments \*\*\* ECON 101 recommended

### CONNECTIONS

Communication Int. (CI)	Foreign Lang. Int. (FI)	Quant. Int. (QI) or 2nd Quant. Reas. (QR)	Experiential Ed. (EE)
BIOL 101/L _____	N/A	MATH 232 _____	
US Diversity (US)	North Atlantic World (NA)	World before 1750 (WB)	Beyond the NA (BN)
			Global Issues (GL)

### MAJOR/MINOR/ELECTIVES

Other Requirements (8 courses) <sup>#</sup>	ENVIRONMENTAL SCIENCE MAJOR CORE Concentration _____	Required Minor <sup>♦♦♦♦</sup> : _____	Electives to reach 123 hrs
CHEM 102/L _____/_____	** _____	*** _____	
COMP <sup>##</sup> _____	** _____	*** _____	
ENST 201 _____	** _____	*** _____	
ENST 203 _____	ENST 698 _____	*** _____	
MATH 233 _____	<b>MATH/SCIENCE ELECTIVES</b>		
PHYS 116 _____	One of the following pairs of courses:		<sup>#</sup> These courses should be taken prior to the Junior year. <sup>##</sup> COMP 116 preferred; others may be substituted by prior permission of CEP Director of Student Affairs. <sup>###</sup> See CEP Director of Student Affairs for options
PHYS 117 _____	a. MATH 383 and ENST 415		
	b. 2 from GEOG 370, 477, 491, 577, 591		
STOR <sup>###</sup> _____	c. 2 from STOR 355, 356, ENST 562		
	d. BIOL 202 and CHEM 261 _____/_____		

♦ 18 hours ≥ C (not C-) required in core.

♦♦ Three of the following courses: BIOL 201, ENST 406, 698 (capstone course required of all students); ENST/GEOG 253, ENST/GEOL 111 or 213; MASC 470

♦♦♦ Four courses in a concentration selected in concert with the CEP Director of Student Affairs. Copy of approval to file in Academic Advising.

♦♦♦♦ Required: An approved course sequence in an allied science leading to the minor in biology, chemistry, physics, mathematics, physical geography, marine science, mathematical decision sciences, computer science or geological science. Contact the CEP Director of Student Affairs for approval of the minor courses.

See back for listing of approved minors and course sequences.

**This tally assumes successful completion of presently enrolled courses (not AB or IN), and it does not account for all possible overlaps**

Date/Advisor	Date/Advisor	Date/Advisor	Date/Advisor
Remaining courses after this term: _____ Foundations _____ _____ Approaches _____ _____ Connections _____ _____ Supplemental _____ _____ Major 1 (hrs C _____) _____ _____ Major /minor (hrs C _____) _____ _____ Other _____ -----	Remaining courses after this term: _____ Foundations _____ _____ Approaches _____ _____ Connections _____ _____ Supplemental _____ _____ Major 1 (hrs C _____) _____ _____ Major /minor (hrs C _____) _____ _____ Other _____ -----	Remaining courses after this term: _____ Foundations _____ _____ Approaches _____ _____ Connections _____ _____ Supplemental _____ _____ Major 1 (hrs C _____) _____ _____ Major /minor (hrs C _____) _____ _____ Other _____ -----	Remaining courses after this term: _____ Foundations _____ _____ Approaches _____ _____ Connections _____ _____ Supplemental _____ _____ Major 1 (hrs C _____) _____ _____ Major /minor (hrs C _____) _____ _____ Other _____ -----
Hrs to date: _____ Hrs. in progress: _____ Total after this term: _____ - 2x/HSFL/>24 _____ Hrs remaining to grad _____ Semesters Left: _____	Hrs to date: _____ Hrs. in progress: _____ Total after this term: _____ - 2x/HSFL/>24 _____ Hrs remaining to grad _____ Semesters Left: _____	Hrs to date: _____ Hrs. in progress: _____ Total after this term: _____ - 2x/HSFL/>24 _____ Hrs remaining to grad _____ Semesters Left: _____	Hrs to date: _____ Hrs. in progress: _____ Total after this term: _____ - 2x/HSFL/>24 _____ Hrs remaining to grad _____ Semesters Left: _____

## ENVIRONMENTAL SCIENCE

Choose one of the following course sequences fulfilling a minor or the Physical Geography sequence.

**NOTE: Only one course may also count in the major.**

Biology: Two of BIOL 201, 202, 205; one BIOL course with lab and one BIOL >400

Chemistry: CHEM 241 or 241H, 241L, 261 or 261H, 262 or 262H, 262L or 263L

Computer Science: Five courses: COMP 401; COMP 410 or 411; three additional COMP > 400

Geological Sciences: At least 12 hrs including one introductory course (GEOL 101, 103, 105, 109, 111, or 159) and at least three GEOL higher than 111. Only one of GEOL 101, 105, 109 and 111 may be taken for course credit.

Marine Science: Four courses, one from each of four areas:

- 1) Global oceanic processes: MASC 101, 401
- 2) Coastal ocean: MASC 223, 411, 430, 436, 440, 442, 448, 449, 470, 471, 472 or equivalent course with focus on the coast ocean, approved by the Director of Undergraduate Studies
- 3) Practical experience:
  - Field courses: MASC 430, 436, 448, 470, 471, 472
  - Lab courses: MASC 410, 431, 445, 51
  - Mathematical modeling courses: MASC 415, 480, 483, 561
- 4) MASC course of the student's choosing

Math Dec. Science: STOR 155, STOR 215 and three courses from STOR 305, 355, 356, 372, 415, 435, 445, 465, 472, 555.

Mathematics: Math 381, 383, and three Math courses chosen from 435 or above 520

Physical Geography: Five courses including two of GEOG 110, 120, 370, 410, 420 and three of GEOG 410, 412, 414, 416, 419, 440, 441, 442, 444, 595 or three of GEOG 370, 477, 491, 577, 591.

Physics:

Track 1 (Physics): PHYS 116, 117, 128, 128L, and two PHYS > 200 that have as prerequisites one or more of these three courses.

Track 2 (Astronomy): PHYS 116, 117, 128, 128L and two courses chosen from ASTR 291, 201, and 519.