

CATALOG YEAR 2006-2008
(Please use separate form for each add/change)

COLLEGE/SCHOOL : COAS

Current Catalog Page(s) Affected Pg. 119_ & 91

Program: Add: _____ Change: X Attach new/changed Program of Study description and 4-year plan. If in current catalog, copy and paste the text from the and indicate changes in red.

Change **GEOL 3405 Geohydrology to Advanced GEOL Elective**

This will allow some flexibility in the GEOL classes offered

Delete **PHY 1301** (*Justification: To bring down the ENSC degree to 120 SCH, Physics is not required in many ENSC degrees*)

BIOL 4401 (*Justification: this course does not exist*)

Page 91 (College Introductory Page)

Degree Requirements for the BS with a Major in Environmental Science

1. **Hours Required:** A minimum of ~~124~~**120** semester credit hours (SCH): 45 hours must be advanced, and fulfillment of degree requirements as specified in the "[Requirements for Graduation](#)" section of this catalog.
2. **University Core Curriculum:** 42 SCH as outlined in the suggested plans and as specified in the "[Requirements for Graduation](#)". BIOL [1406](#) and BIOL [1411](#) must be taken as part of the core.
3. **Math:** 4 SCH , MATH [1342](#) or MATH [2413](#) and 1 excess SCH from the Core Curriculum.
4. **Major:** ~~57~~ **53** SCH including BIOL [1413](#), [2421](#), [3410](#); CHEM [1411](#), [1412](#), [2423](#) and [3400](#); ENSC [3401](#) and [4170](#); GEOL [1303](#) and [1103](#), ~~and 3405; PHYS 1301, 1101~~; ~~8~~ **12** SCH GEOL at the 3000-4000 level.
5. **Restricted Electives: Section I:** 17 SCH selected from ECO [4399](#), ENSC [3310](#), [3340](#), [4310](#), [4173-4473](#), [4420](#), [4430](#). ENSC [4173-4473](#) may be repeated for up to 8 SCH of credit within the degree program. **Section II:** 4 SCH selected from BIOL [3404](#), [3414](#), [3416](#), [4402](#), [4404](#), [4408](#), [4441](#), CHEM [3405](#), [3451](#), or [4199-4499](#). CHEM [4199-4499](#) must directly related to the environmental sciences and be taken with approval from instructor and environmental sciences faculty.

BACHELOR OF SCIENCE MAJOR IN ENVIRONMENTAL SCIENCE

Following is **one** suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment. Students are responsible for reviewing the **Program of Study**

Requirements.

*See [Appendix A](#) *Core Curriculum and Optional Course Information.*

FALL FRESHMAN YEAR	HOURS	SPRING FRESHMAN YEAR	HOURS
BIOL 1406 <u>Cell & Molecular Biology</u>	4	BIOL 1411 <u>General Botany</u>	4
CHEM 1411 <u>General Chemistry I</u>	4	CHEM 1412 <u>General Chemistry II</u>	4
ENGL 1301 <u>English Composition I</u>	3	ENGL 1302 <u>English Composition II</u>	3
PSCI 2305 <u>American National Govt</u>	3	HIST 1302 <u>The U.S. Since 1877</u>	<u>3</u>
HIST 1301 <u>The U.S. to 1877</u>	<u>3</u>		
Total	17		14
SOPHOMORE YEAR		SOPHOMORE YEAR	
BIOL 1413 <u>General Zoology</u>	4	MATH 2412 <u>Pre-Calculus</u>	4
CHEM 2423 <u>Organic Chemistry I</u>	4	CHEM 3400 <u>Environmental Chemistry</u>	4
GEOL 1303 <u>Physical Geology</u>	3	GEOL 2401 <u>Atmospheric Science</u>	4
GEOL 1103 <u>Phys Geology Lab</u>	1	PSCI 2306 <u>American State Govt</u>	<u>3</u>
ENGL <u>Survey of Literature*</u>	<u>3</u>		
Total	15		15
JUNIOR YEAR		JUNIOR YEAR	
PHYS 1301 <u>General Physics I</u>	4	BIOL 3410 <u>Ecology</u>	4
ENSC <u>Section I Elective</u>			<u>Section I Elective</u> ¹
PHYS 1101 <u>General Physics I Lab</u>	<u>1</u>		4
BIOL 2421 <u>General Microbiology</u>	4	GEOL <u>Adv GEOL Elective</u>	4
GEOL <u>Advanced Geology Elective</u>	4	ENGL 2311 <u>Technical Writing</u>	3
ENSC 3401 <u>Environmental Sciences</u>	4		<u>Activity/Wellness*</u>
Total	16		<u>1</u>
			16
			15
SENIOR YEAR		SENIOR YEAR	
ENSC 4170 <u>Senior Seminar</u>	1	GEOL <u>Adv GEOL Elective</u>	4
EPSC <u>MATH Elective</u> ³	3		<u>Section I Electives</u> ¹
<u>Section I Electives</u> ¹	<u>8</u>		5
<u>Visual/Performing Arts*</u>	3		<u>Section II Electives</u> ²
<u>Activity/Wellness*</u>	<u>1</u>		4
Total	15		<u>Soc/Behavioral Science</u>
	<u>1</u>		3
	12		16

TOTAL SEMESTER CREDIT HOURS: 124-120

¹Section I electives - Select 17 SCH from: ECO [4399](#), ENSC [3310](#), [3340](#), [4310](#), [4173-4473](#), [4420](#), [4430](#). ENSC 4173-4473 (variable hours) may be repeated, for a total not to exceed 8 SCH.

²Section II electives - Select 4 SCH from: BIOL [3404](#), [3414](#), [3416](#), ~~4401~~, [4402](#), [4404](#), [4408](#), [4441](#), CHEM [3405](#), [3451](#),

[4410](#), [4199-4499](#). CHEM [4199-4499](#) must directly relate to the environmental sciences. May be taken by permission of the instructor and environmental sciences faculty.
³MATH, select from MATH [1342](#) or MATH [2413](#).

Approvals:	Signature	Date
Chair Department Curriculum Committee	_____	_____
Chair Department	_____	_____
Chair College Curriculum Committee	_____	_____
Dean	_____	_____