

# Natural Resources (BS): Marine & Coastal Resources (17NATREBS-17NATREMC)

Critical Path Courses -Identify using the code (CP) which courses are considered critical path courses which represent specific major requirements that are predictive of student success in a given program/plan. Place the (CP) next to the credit hours for the course.

## Freshman Year

Fall Semester	Credit	Spring Semester	Credit
MA 131 Calculus Life & Mgmt Sciences A <sup>1,A</sup>	3 CP	BIO 181 Intro Biology I <sup>4</sup>	4 CP
MEA 100 Earth Systems Science <sup>3,G,J</sup>	4	ENG 101 Academic Writing & Research <sup>1,H</sup>	4
MEA 101 Geology I: Physical <sup>3</sup>	3	MA 231 Calc Life & Mgmt B <sup>4,A</sup>	3 CP
MEA 110 Geology Lab <sup>3</sup>	1	MEA 130 Intro to Weather & Climate <sup>3</sup>	3
COS 100 Perspectives on Learning <sup>2,G</sup>	2	MEA 135 Weather & Climate Lab <sup>3</sup>	1
HES_*** Health & Exercise Studies Course <sup>E</sup>	1		
	14		15

## Sophomore Year

Fall Semester	Credit	Spring Semester	Credit
CH 101 Chemistry- Molecular Science <sup>1,B</sup>	3 CP	CH 201 Chem. Quant Sci <sup>4,B</sup>	3
CH 102 General Chemistry Lab <sup>4,B</sup>	1	CH 202 General Quant Lab <sup>4</sup>	1
MEA 200 Intro to Oceanography <sup>3</sup>	3 CP	Economics <sup>6,D</sup>	3
MEA 210 Intro to Ocean Lab <sup>3</sup>	1	MEA 250 Intro Coastal Environments <sup>3</sup>	3
Political Science <sup>5,D</sup>	3	MEA 251 Intro Coastal Enviro Lab <sup>3</sup>	1
MEA 220 Marine Biology <sup>3</sup>	3	HES_*** Health & Exercise Studies Course <sup>7,E</sup>	1
		ZO 350 Animal Phylogeny & Diversity <sup>4</sup>	4
	14		16

## Junior Year

Fall Semester	Credit	Spring Semester	Credit
GEP Humanities Requirement <sup>C</sup>	3	Chemistry Option <sup>3,8</sup>	3
PB 360 Introduction to Ecology <sup>4</sup>	4	Advanced Writing Elective <sup>10</sup>	3
PY 211 College Physics I <sup>1</sup>	4	ARE/EC 336 Intro Resource and Env Econ <sup>G</sup>	3
ST 311 Intro to Statistics <sup>4</sup>	3	MEA 469 Ecology of Coastal Resources <sup>3</sup>	3
		PY 212 Physics II <sup>4</sup>	4
	14		16

## Summer

Summer Session II	Credit
MEA 459 Coastal Processes <sup>3</sup>	5

## Senior Year

Fall Semester	Credit	Spring Semester	Credit
GEP Humanities Requirement <sup>C</sup>	3	AEC 420 Fishery Science <sup>4</sup>	3
GEP Interdisciplinary Perspectives Req. <sup>F</sup>	3	GIS 280 Introduction to GIS <sup>3</sup>	3
PS 336 Global Enviro Politics <sup>J</sup>	3	NR 400 Mgmt Natural Resources <sup>3</sup>	4
Advised Elective <sup>3,9</sup>	3	SSC 200 Soil Science <sup>4</sup>	3
		SSC 201 Soil Science Lab <sup>4</sup>	1
	12		14

Minimum Credit Hours Required for Graduation<sup>\*I,K</sup>:

120

## Major/Program Footnotes

1. Grade of C- or higher required in CH 101; ENG 101; MA 131; PY 211.
2. COS 100 is for new freshmen only. Transfer students will need to select a course from the GEP Interdisciplinary Perspectives course list.
3. No more than one D will be accepted in major core courses.
4. No more than one D will be accepted in other math and science courses.
5. PS 201 or PS 202
6. EC (ARE) 201 or EC 205
7. HESO 253 or HESA 226. The PE option satisfies 1 credit of the GEP Health & Exercise Studies requirement.
8. MEA 323 or MEA 473
9. Advised electives to be chosen with advisor and should be a science, math, engineering or GIS course at the 400 level or higher.
10. Advanced Writing Elective must be selected from ENG 331, ENG 332, and ENG 333. The Advanced Writing Elective may not be used to satisfy the GEP Humanities requirement. It does satisfy the Communication in the Major Co-Requisite.

**\*General Education Program (GEP) requirements and GEP Footnotes** To complete the requirements for graduation and the General Education Program, the following category credit hours and co-requisites must be satisfied. University approved GEP course lists for each of the following categories can be found at <http://oucc.dasa.ncsu.edu/general-education-program/>.

**A. Mathematical Sciences** (6 credit hours; one course with MA or ST prefix) *Choose from the University approved GEP Mathematical Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: MA 131, MA 231*

**B. Natural Sciences** (7 credit hours; include one laboratory course or course with a lab) *Choose from the University approved GEP Natural Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: CH 101, CH 102, CH 201*

**C. Humanities** (6 credit hours selected from two different disciplines/course prefixes) *Choose from the University approved GEP Humanities course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: none*

**D. Social Sciences** (6 credit hours selected from two different disciplines/course prefixes) *Choose from the University approved GEP Social Sciences course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: PS 201, PS 202, ARE 201, EC 201, EC 205*

**E. Health & Exercise Studies** (2 credit hours; at least one 100-level Fitness and Wellness Course) *Choose from the University approved GEP Health & Exercise Studies course list.*

**F. Additional Breadth** (3 credit hours to be selected from the following checked University approved GEP course lists)  Humanities/Social Sciences/Visual and Performing Arts

**G. Interdisciplinary Perspectives** (5-6 credit hours) *Choose from the University approved GEP Interdisciplinary Perspectives course list or the following course(s) if completed as part of the Major requirements may fulfill part or all of this requirement: ARE/EC 336, MEA 100, COS 100*

**H. Introduction to Writing** (4 credit hours satisfied by completing ENG 101 with a C- or better) The following **Co-Requisites** must be satisfied to complete the General Education Program requirements

**I. U.S. Diversity (USD)** Choose from the University approved GEP U.S. Diversity course list or choose a course identified on the approved GEP course lists as meeting the U.S. Diversity (USD) co-requisite. The following course(s) completed as part of the Major requirements may fulfill this requirement: none

**J. Global Knowledge (GK)** Choose from the University approved GEP Global Knowledge course list or choose a course identified on the approved GEP course lists as meeting the Global Knowledge (GK) co-requisite . The following course(s) completed as part of the Major requirements may fulfill this requirement: **PS 336, MEA 100**

**K. Foreign Language proficiency** Proficiency at the FL\_102 level is required for graduation.