

## Major Academic Plan

Catalog Year: 2021-22

**Degree** B.S.

**Major:** Oceanography  
(ready for MATH 101 - any placement category)

Major Academic Plans (MAP) show a general recommended pathway to graduation. Meet with your major advisor each semester to discuss your progress and degree plan for future semesters. Consult the HSU catalog for complete list of major program courses. See the current schedule of classes for courses offered in General Education, American Institutions, and Diversity & Common Ground requirements.

The online registration tutorial during orientation will help you:

- determine your CSU designated math "[placement category](#)" (1, 2, 3 or 4)
- choose your English class(es) through a similar self-directed process
- choose your Math class(es) based on your major and category information as described in the online registration tutorial

<b>Total units required</b>		<b>120</b>
<b>Freshman Year Fall (Semester 1)</b>		
Requirements Met:	Course	Units
GE Area A: Written Communication	ENGL 102 or ENGL 104 (+ optional ENGL 110)	3-4
GE Area B: Mathematics	MATH 101 (or MATH 101i & MATH 1)	3-4
Major & GE Area B: Physical Science	OCN 109 & 109L	4
GE Area E: Lifelong Learning	SCI 100	3
<b>Semester Total:</b>		13-15
<i>*Credit earned for math support course does not count toward unit requirements for graduation, GE or major.</i>		
<b>Freshman Year Spring (Semester 2)</b>		
Requirements Met:	Course	Units
GE Area A: Written Communication	ENGL 103* (+ optional ENGL 110)	3-4
GE Area A: Critical Thinking	FOR 100 (or other course)	3
American Institutions/GE Area D: Social Science		3
GE Area F: Ethnic Studies & DCG Domestic	NAS 104	3
Prerequisite	MATH 101T	3
<b>Semester Total:</b>		15-16
<i>*If ENGL 104 was taken the previous semester take an elective, other GE or a major course in place of ENGL 103.</i>		
<b>Sophomore Year Fall (Semester 3)</b>		
Requirements Met:	Course	Units
GE Area A: Oral Communication	COMM 100	3
GE Area C: Arts		3
Major	CHEM 109	5
Major	OCN 260	1
Major [1]	MATH 105 or 109	3-4
<b>Semester Total:</b>		15-16
<b>Sophomore Year Spring (Semester 4)</b>		
Requirements Met:	Course	Units
American Institutions		3
Major & GE Area B: Life Science	BIOL 105	4
Major	CHEM 110	5
Major [1]	MATH 215 or 110	3-4
<b>Semester Total:</b>		15-16
To Do: Register for the GWPE		
<b>Junior Year Fall (Semester 5)</b>		
Requirements Met:	Course	Units
GE Area C: Humanites & DCG		3

GE Area D: Social Science		3
Major	OCN 310	4
Major	OCN 370	2
Major [1]	STAT 109 or MATH 210	4
	<b>Semester Total:</b>	16
<b>Junior Year Spring (Semester 6)</b>		
Requirements Met:	Course	Units
GE Area C: Arts or Humanites		3
Major	OCN 330	4
Major	GEOL 109	4
Major [1]	PHYX 106 or 109	4
Major	OCN 485	1
	<b>Semester Total:</b>	16
<b>Senior Year Fall (Semester 7)</b>		
Requirements Met:	Course	Units
UD GE Area D [2]		3
Major	OCN 340	4
Major [1]	PHYX 107 or 210	4
Major Elective or Minor		3-4
	<b>Semester Total:</b>	14-15
<b>Senior Year Spring (Semester 8)</b>		
Requirements Met:	Course	Units
UD GE Area C [2]		3
Major	OCN 320	4
Major	OCN 420	3
Major	OCN 495	3
Major Elective or Minor		2-4
	<b>Semester Total:</b>	15-17
<b>Year 5 Fall (Semester 9)</b>		
Requirements Met:	Course	Units
Major	OCN 496	2
Major Elective or Minor		3-4
Major Elective or Minor		3-4
Major Elective or Minor		4
	<b>Semester Total:</b>	12-14
<b>Notes:</b>		
[1] Students choose 1 of 2 pathways for math, physics and electives units: Pathway 1: MATH 105, MATH 215, STAT 109, PHYX 106, PHYX 107, 13 units of major electives decided with advisor. Pathway 2: MATH 109, MATH 110, MATH 210, PHYX 109, PHYX 210, 11 units of major electives decided with advisor.		
[2] GE modifications for this major: the Upper Division GE Area B requirement is met by completion of this major.		
<b>Abbreviations:</b>		
DCG = Diversity & Common Ground; GE = General Education; LD = Lower Division; UD = Upper Division		