

Undergraduate Course Sequence for Marine Sciences, Bachelors of Arts

Freshman year

First semester (Fall)

<u>Course</u>	<u>Credits</u>
Introduction to Oceanography..... MARN 1002E/1003E	3 / 4
*General Chemistry I..... CHEM 1127Q	4
Pre-calculus or Business CalculusMATH 1060Q, 1071Q	3
Freshman year experience (FYE)UNIV 1800 or 1820	1
“Freshman” English (English Comp) ENGL 1007	4
OR	
General Education/Content Area course**	<u>3</u>
	14 – 16 total credits

Second semester (Spring)

General Biology I BIOL 1107	4
General Chemistry II CHEM 1128Q	4
Calculus (business/econ) or Calculus I..... MATH 1071Q/MATH 1131Q	3/4
Gen Ed or Freshman English ENGL 1007	<u>3 / 4</u>
	14-15 total credits

Sophomore Year

Fall semester

General Biology IIBIOL 1108	4
General Physics w/o CalculusPHYS 1201Q	4
Content Area General Education (such as ANTH, MUSI, DRAM)	3
Introduction to Scientific Diving (optional) MARN 1160	2
Related area if Math sequence complete (Such as Chemistry, Math, Ecology, Geography, etc. >2000 level) ***	<u>3-4</u>
	15-18 total credits

Spring semester

Marine Sciences and SocietyMARN 2801WE	3
StatisticsSTAT 1100Q	4
2 CA Gen Eds (such as microeconomics) ECON 1201 or CA 1, 2 or 4 course	6
AND/OR	
Related area	<u>3-4</u>
	13-18 Total credits

*If chemistry background is weak or non-existent start with CHEM 1122 at AP, with CHEM 1124Q at Storrs. 3 semester sequence

**See CLAS General Education Audit sheet. Content Area (CA) General Education (Gen Ed) courses must be composed of 5 CA 1 courses, at least 1 from each of CA 1 A – D may include CA 1 E. 2 from CA 2, and 2 from CA 4, with at least one “international” from CA 4. Courses may satisfy more than one content area, such as ANTH 1000, but not more than one course from CA 2 may be used for content area 4. Total of 9 maximum required (as a science major), 7 minimum if you “double dip”. The 2 courses required in Content Area 3 are already included in the MARN program requirements.

Junior year

Fall semester

<u>Course</u>	<u>Credits</u>
Marine Sciences FundamentalsMARN 3001	4
MARN elective such as Marine Invertebrates, Plankton Ecology, Marine Mammals..... MARN 3012, 3017 or 3811	3
Related area (Environmental Law, Ecology, etc.)	3
Content area Gen Ed	3
And/Or	
Second related area or Independent Study MARN course	2-3
Scientific Diving (or intro to Sci. Div., both optional).... MARN 1160 or 4160	<u>2-3</u>
	15 - 18 total credits

Spring semester

Marine Sciences Fundamentals MARN 3002	3
MARN elective(s)MARN 3000E, 3014, 3812, MARN 4018	3-6
2 Related areas	3-6
Content area Gen Ed	<u>3-6</u>
	15 total credits

Senior Year

Fall semester

Measurement and Analysis in Coastal Ecosystems.....MARN 4001	4
MARN elective	3
General Education (s) (if still needed)	3
1-2 Related area (s) (if still needed)	3 -6
Scientific Diving (optional)MARN 4160	2-5
Independent study (optional)	<u>1-3</u>
	15-18 total credits

Spring semester

Science and the Coastal Environment.....MARN 4002	3
Remaining MARN electives	3
Gen Ed (any remaining)	3
AND/OR	
Related area (any remaining)	3
Independent Study/Senior Thesis (optional) ...MARN 3899/MARN 4896W	<u>3</u>
	12-18 Total credits

*** If Math sequence is completed, use the opportunity to take a related area class or scientific diving.

*** Related areas must be ≥ 2000 and include Ecology and Evolutionary Biology (EEB), Organic Chemistry (CHEM), Economics of the Oceans (ECON), Maritime studies (MAST), Geography (GEOG), Maritime Law (POLS) and others.