

As of  
February 22, 2023

**2023-2024 Degree Map: B.S. Marine Science – Marine Biology**  
**School of Natural Sciences & Mathematics | Stockton University**  
**USC1 – 240 | (609) 652-4546**

This is a **suggested** plan of study for completion of this degree program. The **goal** of a Degree Map is to ensure that students graduate with no greater than 128 credits and in four years.

- All students should speak with their preceptor about their academic programs. Students are advised to reference their Degree Works for information about their program’s At-Some-Distance and Cognate courses.
- Transfer students may not need to take all courses in the plan; they should consult with an academic advisor.

<b>FIRST YEAR – FALL SEMESTER</b>	
MARS 1200 Intro to Marine Biology (C-) (Fall only)	<b>4 credits</b>
BIOL 1200 & 1205 Cells & Molecules & lab	<b>5 credits</b>
MATH 1100 Precalculus <b>Attribute:</b> Q1	<b>5 credits</b>
<b>Subject:</b> FRST or G-course <b>Attribute:</b> FY Seminar	<b>4 credits</b>
<b>Total Course Load as of First Year Fall Semester</b>	<b>18 credits</b>

<b>FIRST YEAR – SPRING SEMESTER</b>	
MARS 2200 Marine Biology Methods & Analysis (C-), <b>Attribute:</b> Q2 (Spring only)	<b>4 credits</b>
MARS 1300 Intro to Oceanography (C-) (Fall and Spring)	<b>4 credits</b>
BIOL 1400 & 1405 Biodiversity & Evolution & lab	<b>5 credits</b>
<b>Subject:</b> G-course <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>First Year Credit Total Overall</b>	<b>35 credits</b>

<b>SECOND YEAR – FALL SEMESTER</b>	
CHEM 2110/5 Chem I: General Chemistry w/lab <b>Attribute:</b> Q2	<b>5 credits</b>
BIOL 2100 Ecology (Fall and Spring) <b>Attribute:</b> Q2	<b>4 credits</b>
<b>Subject:</b> G-course <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>Subject:</b> ASD or G-course <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>Total Course Load as of Second Year Fall Semester</b>	<b>52 credits</b>

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<b>SECOND YEAR – SPRING SEMESTER</b>	
MARS 3xxx Upper-level MARS elective <sup>1</sup>	<b>4 credits</b>
CHEM 2120/25 Chem II: Organic Reactions w/lab	<b>5 credits</b>
<b>Subject:</b> G-course <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>Second Year Credit Total Overall</b>	<b>69 credits</b>

<b>THIRD YEAR – FALL SEMESTER</b>	
PHYS 2110/15 Physics for Life Sciences w/lab <b>Attribute:</b> Q1	<b>5 credits</b>
MARS 3xxx Upper-level MARS elective <sup>1</sup>	<b>4 credits</b>
<b>Subject:</b> G-course <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>Subject:</b> ASD or G-course <b>Attribute:</b> A, H, I, R, and/or V	<b>4 credits</b>
<b>Total Course Load as of Third Year Fall Semester</b>	<b>83 credits</b>

<b>THIRD YEAR – SPRING SEMESTER</b>	
<b>Subject:</b> G-course <b>Attribute:</b> Q2 (preferred)	<b>4 credits</b>
PHYS 2120/25 Physics for Life Sciences II w/lab <b>Attribute:</b> Q1	<b>5 credits</b>
MARS 2600 Marine Science Seminar	<b>1 credit</b>
MARS 3xxx Upper-level MARS elective <sup>1</sup>	<b>4 credits</b>
<b>Third Year Credit Total Overall</b>	<b>97 credits</b>

<b>FOURTH YEAR – FALL SEMESTER</b>	
G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	<b>5 credits</b>
ASD course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	<b>4 credits</b>
MARS 3xxx Upper-level MARS elective <sup>1</sup>	
MARS 3xxx Upper-level MARS elective <sup>1</sup>	<b>4 credits</b>
G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	<b>4 credits</b>
<b>Total Course Load as of Fourth Year Fall Semester</b>	<b>114 credits</b>

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FOURTH YEAR – SPRING SEMESTER	
G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	<b>4 credits</b>
ASD course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	<b>4 credits</b>
MARS 3105 – Biostatistics (Fall only) <b>Attribute:</b> Q1	<b>4 credits</b>
MARS 3xxx Upper-level MARS elective <sup>1</sup>	<b>4 credits</b>
<b>Fourth Year Credit Total Overall</b>	<b>126 credits</b>

**Program Specific Notes**

- (C-) = Students must earn a grade of C- or higher to be able to take higher-level courses.
- **<sup>1</sup>Courses offered in Fall vs Spring.** Some of our courses are offered on a predictable rotation, and you can use this information to plan ahead. This list does NOT include all MARS courses. You should consult the course listings for other courses that are offered at varied schedules.
  - **Offered Both Semesters:** BIOL 2100 Ecology (**Attribute:** Q2), MARS 1300 Introduction to Oceanography, MARS 2600 Marine Science Seminar, MARS 3300 Invertebrate Zoology, MARS 3105 Biostatistics I (**Attribute:** Q1)
  - **Offered Fall Only:** MARS 1200 Introduction to Marine Biology, , MARS 3309 Coastal Oceanography, MARS 3335 Marine Botany (**Attribute:** W2), MARS 3340 Introduction to Ichthyology, GEOL 2110/2115 Marine Geology.
  - **Offered Spring Only:** MARS 2200 Marine Biology Methods and Analysis (**Attribute:** Q2), MARS 2300 Oceanographic Methods, , MARS 3307 Fisheries Science & Management, MARS 3361/3365 Global Ocean Basins (**Attribute:** Q2), MARS 3420 Biological Oceanography (**Attribute:** W2), MARS 3489 Marine Mammalogy.
  - **Offered Odd Year Fall semesters (Fall 2019, Fall 2021, etc.):** MARS 3107 Data Methods in Marine Science.
  - **Offered Even Year Fall semesters (Fall 2020, Fall 2022, etc.):** MARS 3201 Marine Conservation Ecology (**Attribute:** V, W2), MARS 3305 Coastal Processes: Beaches.

