

**The University of Texas at Austin**  
**Bachelor of Science, Biology, Option 3: Marine & Freshwater Science, 120 Hours**  
**2022-2024 Catalog Expires Summer 2030**

**Four-year Degree Suggestion (for planning purposes only)**  
 Currently enrolled students should meet with their academic advisor

**FIRST YEAR**

**Fall:**

Core/Major: M 408C, M 408R or 408N ( <i>Quantitative Reasoning flag</i> ) ( <i>Mathematics 1</i> )	4 hours
Core/Major: CH 301 ( <i>Science &amp; Tech - Natural Sciences 1</i> ) ( <i>May carry a flag</i> )	3 hours
Core/Major: BIO 311C ( <i>Science &amp; Tech - Natural Sciences 2</i> )	3 hours
Major: MNS 101	1 hour
Core: UGS 302 ( <i>Writing flag</i> )/ 303 ( <i>Institutionally Designated Option 1</i> ) ( <i>May carry a flag</i> )	3 hours
	<b>Total 14 hours</b>

**Spring:**

Major: M 408S <sup>1</sup>	4 hours
Core/Major: CH 302 ( <i>Science &amp; Tech - Natural Sciences 1</i> ) ( <i>May carry a flag</i> )	3 hours
Major: BIO 311D	3 hours
Major: CH 204	2 hours
Core: RHE 306 ( <i>Communication1</i> )	3 hours
	<b>Total 15 hours</b>

**Summer:**

Opportunities:	
• Study Abroad	
• Internship	
• Research	
Course:	
• Core: GOV 310L ( <i>Government I</i> )	3 hours

**SECOND YEAR**

**Fall:**

Major: CH 320M	3 hours
Major: BIO 325	3 hours
Major: MNS 310	3 hours
Major: SDS 320E ( <i>Quantitative Reasoning Flag</i> )( <i>Ethics Flag</i> )( <i>Independent Inquiry Flag</i> )	3 hours
Elective: ( <i>May carry a flag</i> )	3 hours
	<b>Total 15 hours</b>

**Spring:**

Core: Soc & Behav Sci ( <i>Social &amp; Behavioral Science I</i> ) ( <i>May carry a flag</i> )	3 hours
Major: MNS 320 & 120L	4 hours
Core: E 316L/M/N/P ( <i>Humanities 1</i> ) ( <i>May carry a flag</i> )	3 hours
Core: VAPA ( <i>Visual &amp; Performing Arts 1</i> ) ( <i>May carry a flag</i> )	3 hours
	<b>Total 13 hours</b>

**Summer:**

Opportunities:	
• Study Abroad	
• Internship	
• Research	
Course:	
• Core: GOV 312L ( <i>Government I</i> )	3 hours

1 M 408S and M 408M are required if selected the M 408N sequence. If not needed, may take an elective.

## THIRD YEAR

### Fall:

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Major: BIO 326R	3 hours
Major: BIO 226L	2 hours
Major: BIO 370	3 hours
Elective: <i>(May carry a flag)</i>	3 hours
Elective: <i>(May carry a flag)</i>	3 hours
	Total 14 hours

### Spring:

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Major: UD MNS <sup>2,3</sup>	4 hours
Major: UD MNS	3 hours
Major: UD MNS	3 hours
Major: UD MNS	3 hours
Major: UD MNS	3 hours
	Total 16 hours

### Summer:

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- Opportunities:
- Study Abroad
  - Internship
  - Research

## FOURTH YEAR

### Fall:

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Major: PHY 302K <sup>4</sup> & 105M	4 hours
Major: BIO 373	3 hours
Core: U.S. History <i>(History 1)</i> <i>(May carry a flag)</i>	3 hours
Elective: <i>(May carry a flag)</i>	3 hours
	Total 13 hours

### Spring:

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Major: PHY 302L & 105N	4 hours
Major: UD BIO/MNS	3 hours
Core: U.S. History <i>(History 1)</i> <i>(May carry a flag)</i>	3 hours
Elective: <i>(May carry a flag)</i>	3 hours
Elective: <i>(May carry a flag)</i> <i>(Hours may vary)</i>	3 hours
	Total 16 hours

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2 See course options on the 22-24 checklist.

3 At least 6 hours must be taken in Port Aransas, TX. Semester by the Sea (16 hours) is recommended in the spring semester of the junior or senior year. [utmsi.utexas.edu/academics/undergraduate/semester-by-the-sea](http://utmsi.utexas.edu/academics/undergraduate/semester-by-the-sea)

4 Other physics options are available.

## LEGEND

### Terms:

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Major: As published in the Undergraduate Catalog.

Elective: Additional hours contributing to reach the degree plan total required hours.

Core: Required part of the 42-hour core curriculum.

UD BIO/MNS: Upper-division courses as published in the UG.