

## Marine Science, BS

### 2-Year Pathway 2025/26 - 2029/30

Transfer students should meet with the MSCI advisor to verify correct posting of transfer credit and to create an individualized learning plan in “My Learning Plan” in Oasis. This pathway assumes students have completed Calculus I, General Chemistry I & II, Physics I, Oceanography, Cell & Molecular Biology including Animal Physiology, and CSU GE & American Institutions.

<b>Fall Junior Courses</b> <small>Course Prefix and Number</small>	<b>Course Title</b> <small>Abbreviate Course Title</small>	<b>Units</b>	<b>Requirement Met</b> <small>GE/UR/Major</small>
<b>BIO 211 &amp; 211L (211D optional)</b>	Ecol, Evolution, Biodiv & Plants & LAB	4+1	Major
<b>STAT 250</b>	Applied Stats for Science & Tech	4	Major
<b>ENSTU 280 or BUS 201 or 202</b>	Environ Econ or Macro or Micro Econ	3	Major, 4A
<b>MSCI 185</b>	Adventures in Marine Science	1	Elective
<b>Spring Junior Courses</b> <small>Course Prefix and Number</small>	<b>Course Title</b> <small>Abbreviate Course Title</small>	<b>Units</b>	<b>Requirement Met</b> <small>GE/UR/Major</small>
<b>MSCI 340 and MSCI 340L</b>	Marine Ecology	3+3	Major, GWAR
<b>MSCI 345</b>	Marine Biodiversity	3	UD5, Major
<b>MSCI 341 or BIO 330,340,380, or 420</b>	MSCI Group A elective	4	Group A elect
<b>MSCI 359S or BIO 379S or ENSTU 3xxS</b>	MSCI or BIO or ENSTU Svc Learn	3	UDSL, Major
<b>Fall Senior Courses</b> <small>Course Prefix and Number</small>	<b>Course Title</b> <small>Abbreviate Course Title</small>	<b>Units</b>	<b>Requirement Met</b> <small>GE/UR/Major</small>
<b>MSCI 350</b>	Quantitative Marine Science	4	Major
<b>ENVS 332</b>	Intro to GIS/GPS	4	Major
<b>MSCI 370</b>	Biological-Physical Oceanography	4	Major
<b>MSCI 3xx or 4xx or BIO 330,340,380, or 420</b>	MSCI Group A elective (capstone prereq)	4	Group A elect
<b>Spring Senior Courses</b> <small>Course Prefix and Number</small>	<b>Course Title</b> <small>Abbreviate Course Title</small>	<b>Units</b>	<b>Requirement Met</b> <small>GE/UR/Major</small>

<b>MSCI 430 or 445 or 455 or 437 or 472 (spring) or take MSCI 475 or 485 in Fall senior year</b>	MSCI Capstone Project Course	4	Major
<b>MSCI 410</b>	MSCI Group Capstone	1	Major
<b>MSCI Group A or B elective</b>	MSCI Elective from Group A or B	4	Major
<b>SPAN 340 or 350 or JAPN 340 or 350</b>	UD3 with World Culture & languages	3	UD3, WCL
<b>Upper-division Social &amp; Behavioral Sciences GE</b>	UD4 Social & Behavioral Science	3	UD4