

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.

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

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