

MARINE SCIENCE AND OCEANOGRAPHY 4+1 BS/MS

Related Programs

- Marine Sciences (BS) (<https://catalog.uconn.edu/undergraduate/liberal-arts-sciences/marine-sciences-ba-bs/>)
- Oceanography (MS) (<https://catalog.uconn.edu/graduate/degree-programs/oceanography-ms-phd/>)

Accelerated Program Information

Students pursuing a UConn undergraduate Bachelor of Science degree in Marine Sciences can apply to use up to 12 credits of graduate coursework taken as an undergraduate towards both their B.S. and their M.S. For students in the accelerated program, the Master of Science Plan B degree can be earned in a single year after finishing the B.S.

Required Core Courses

All students in the accelerated program must take four core courses:

Course	Title	Credits
MARN 5010	Biological Oceanography	3
MARN 5030	Chemical Oceanography	3
MARN 5050	Geological Oceanography	3
MARN 5065	Physical Oceanography	3

To finish the combined program in five years, MARN 5010 Biological Oceanography and MARN 5050 Geological Oceanography should be taken in Year Four as an undergraduate student and MARN 5030 Chemical Oceanography and MARN 5065 Physical Oceanography should be taken in Year Five as a graduate student.

Students are also required to take at least six credits from the following list:

Course	Title	Credits
GEOG 5505	Remote Sensing of Marine Geography	3
MARN 5012	Marine Invertebrate Biology	3
MARN 5015	Techniques in Marine Molecular Biology	3
MARN 5017	Plankton Ecology	3
MARN 5032	Coastal Pollution and Bioremediation	3
MARN 5812	Seminar in Marine Biodiversity and Conservation	3
MARN 5018	Ecology of Fishes	3
MARN 5066	River Influences on the Marine Environment	3
MARN 5052	Paleoceanography	3
MARN 5210	Experimental Design in Marine Ecology	4

Six of these credits should be taken in Year Four (as an undergraduate) and can be used for both the B.S. and the M.S. degrees. The remainder of the required 30 credits must be selected from MARN courses, based on the interest of the student and approval of the student's major advisor. However, no more than six credits can be at the 3000-4000 level, no more than three credits of MARN 5896 Research and three credits of MARN 5899 Independent Study are allowed, and no more than three credits of MARN 4893 International Study, MARN 4895 Special Topics,

MARN 4897W Senior Research Thesis, or MARN 4898 Variable Topics are allowed.

Final Examination

The students in the accelerated program will be responsible for the material in the four core courses and must pass a final examination based on these courses.