Marine Biology

Year and Campus:	2010
Coordinator:	Dr Stephen Swearer
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Overview:	A marine biology major will provide the springboard for students entering careers or research in the following areas: marine ecology, fisheries, commercial aquaculture, marine environmental monitoring and assessment, marine science education and tourism. Graduates will be prepared for these pathways by developing specialised knowledge about marine biological systems, as well as practical experience, which are crucial to being prepared to make contributions in laboratories, or in consulting roles in the marine environmental industry. This major will integrate knowledge from a range of disciplines from the biological (botany, zoology) to physical sciences (chemistry, geography, oceanography), by enabling students to complete a sequence of specialist subjects in each, as well as integrated subjects in which the students develop an understanding of the application of ecological principles and environmental management strategies to solving current problems in marine biology. Students will gain experience preparing them for the workplace by participating in field-based and group-based research projects.
Objectives:	.
Structure & Available Subjects:	Completion of 50 points of study at third year level
Subject Options:	All three of

Subject	Study Period Commencement:	Credit Points:
ZOOL30008 Experimental Marine Zoology	February	12.50
BOTA30001 Marine Botany	November	12.50
BOTA30007 Marine Phytoplankton of Australia	November, December	12.50

Plus one elective selected from

Subject	Study Period Commencement:	Credit Points:
ECOL30006 Ecology in Changing Environments	Semester 1	12.50
CHEM30012 Analytical & Environmental Chemistry	Semester 1	12.50
ECOL30005 Applied Ecology	Semester 2	12.50
GEOG30001 Coastal Geomorphology	March	12.50
GEOM30009 Imaging the Environment	Semester 1	12.50

Related Course(s):	Bachelor of Science