

Associate of Science (Marine Science) AS-MARSCI

PROGRAMME OVERVIEW

Marine Science is an interdisciplinary field, and therefore requires training in many of the basic sciences. The Marine Science Programme is designed to prepare a student for entrance into this field or industry.

CURRICULUM

TOTAL CREDITS: 78-80

		Credits						
YEAR 1								
SUMMER SESSION - 4 credits								
BIO 1121	Principles of Biology I	4						
First Semester - 18 credits								
CSC 1100	Learning Strategies for Student Success	1						
ENG 1111	Freshman Composition	3						
MAT 1105	College Algebra	3						
CHM 1111	Principles Chemistry I	4						
BIO 1122	Principles of Biology II	4						
Elective	Humanities (1100 level) elective	3						
Second Semester - 18 credits								
ENG 1112	Literary Analysis	3						
MAT 1141	Pre-Calculus	3						
CHM 1112	Principles of Chemistry II	4						
PHY 1121	Principles of Physics	4						
EES 1105	Introduction to Oceanography	4						
SUMMER SESSION - 7-8 credits								
NSC 2200	Research Diving Methods	4						
Elective	Natural Science elective	3 - 4						
YEAR 2								
First Semester - 25-26 credits								
MAT 2233	Statistics I	3						
Stream I	23 credits	Stream II	22-23 credits	Stream III	23 credits			
EES 1101	Environmental Science	4	CHM 2256	Organic Chemistry I	4	BIO 2210	Cellular Biology	4
EES 2211	Environmental Geography	3	CHM 2257	Organic Chemistry II	4		Biology course (2000-level)	4
	Environmental Science course (2000-level)	4	BIO 2210	Cellular Biology	4		Biology course (2000-level)	4
	Environmental Science course (2000-level)	4		Biology course (2000-level)	4		Chemistry course (2000-level)	4
	Biology course (2000-level)	4		Chemistry course (2000-level)	3 or 4		Biology course (2000-level)	4
	Biology course (2000-level)	4		Computer Science Elective	3		Computer Science Elective	3
Second Semester - 6 credits								
MAT 2234	Statistics II	3						
Elective	Social Sciences elective	3						
SUMMER SESSION - 8 credits								
	Internship (Honours degree student)	4						
Elective	Natural Sciences (2000-level) elective	4						

FOR A LIST OF HUMANITIES AND NATURAL SCIENCES, SEE PAGE 33.