



Bachelor of Science in Marine Biology

Year 1

1st Semester							2nd Semester						
Marine Biology							Marine Biology						
Course Code	Course Title	L	P	T	CH	CR	Course Code	Course Title	L	P	T	CH	CR
ENGL112	English for Academic Purposes	3	0	1	4	3	ARAB102	Arabic Language	3	0	0	3	3
SHRF100	Islamic Culture	3	0	0	3	3	EDUC102	UAE Society	3	0	0	3	3
INFT100	Introduction to IT	2	2	0	4	3	MATH101	Mathematics for Scientists	3	0	1	4	3
BIOL101	The Cell and Its Functions (Lab)	3	3	0	6	4	CHEM101	General Chemistry (Lab)	3	3	0	6	4
xxxxxxx	General Elective (1)	3	0	0	3	3	xxxxxxx	General Elective (1)	3	0	0	3	3
Total		14	5	1	20	16	Total		15	3	1	19	16

Year 2

1st Semester							2nd Semester						
Marine Biology							Marine Biology						
Course Code	Course Title	L	P	T	CH	CR	Course Code	Course Title	L	P	T	CH	CR
MARI201	Introduction to Oceanography (field trip)	3	3	0	6	4	BIOL203	Research Methods for Biologists	3	3	0	6	3
BIOL202	Ecology and Evolution (lab)	3	3	0	6	4	CHEM202	Organic Chemistry (Lab)	3	3	0	6	4
PHYS201	Physics for Marine Science (lab)	3	3	0	6	4	BIOL204	Concepts in Methodology and Animal Behaviour (lab/field)	3	3	0	6	4
MATH202	Applied Mathematics for Scientists	3	0	0	3	3	STAT201	Statistics and Data Analytics	3	0	0	3	3
Total		12	9	0	21	15	Total		12	9	0	21	14

Year 3

1st Semester							2nd Semester						
Marine Biology							Marine Biology						
Course Code	Course Title	L	P	T	CH	CR	Course Code	Course Title	L	P	T	CH	CR
MARI302	Marine Ecology and Function (lab/field)	3	3	0	6	4	BIOL306	Genetics (lab)	3	3	0	6	4
MARI303	Marine Plant Biology (lab/field)	3	3	0	6	4	MARI305	Marine Invertebrates (lab/field)	3	3	0	6	4
BIOL305	Microbiology (lab)	3	3	0	6	4	MARI306	Sharks, Rays and Bony fishes (lab/field)	3	3	0	6	4
MARI304	Marine Biology Field Course (field)	1	6		7	3	MANG200	Fund. of Innovation and Entrepreneurship	3	0	0	3	3
Total		10	15	0	25	15	Total		12	9	0	21	15

Year 4

1st Semester							2nd Semester						
Marine Biology							Marine Biology						
Course Code	Course Title	L	P	T	CH	CR	Course Code	Course Title	L	P	T	CH	CR
MARI407	Applied Biochemistry (lab/field)	3	3	0	6	4	MARI411	Marine Conservation Biology	3	0	1	4	3
MARI408	Marine Mammals and Reptiles (lab/field)	3	3	0	6	4	MARI495	Senior Project in Marine Biology – Part 2	2	3	0	5	3
MARI409	Marine Pollution (lab/field)	3	3	0	6	4	xxxxxxx	Program Elective II	3	0	2	5	3
MARI490	Senior Project in Marine Biology – Part 1	2	3	0	5	3	MARI410	Internship in Marine Science	0	9	0	9	3
xxxxxxx	Program Elective I	3	0	2	5	3							
Total		14	12	2	28	18	Total		8	12	3	23	12