BIOLOGY - MARINE BIOLOGY AND FRESHWATER ECOLOGY EMPHASIS REQUIREMENTS (BA/BS)

Major Requirements ² BIOLOGY 141 BIOLOGY 142		
	INTRODUCTORY RIOLOCY I	
BIOLOGY 142	INTRODUCTORY BIOLOGY I	5
	INTRODUCTORY BIOLOGY II	5
BIOLOGY 190	BIOLOGY FORUM	1
BIOLOGY 251	INTRODUCTION TO GENETICS	4
BIOLOGY 257	INTRODUCTION TO ECOLOGY	3
BIOLOGY 258	ECOLOGICAL FIELD METHODS	2
BIOLOGY 370	AQUATIC BIOLOGY	4
BIOLOGY 457	WILDLIFE ECOLOGY	4
or BIOLOGY 459	COMMUNITY ECOLOGY	
Organismal Course El	ective - select one of the following:	3
BIOLOGY 340	COMPARATIVE VERTEBRATE ANATOMY	
BIOLOGY 345	ANIMAL PHYSIOLOGY	
BIOLOGY 351	THE PLANT KINGDOM	
BIOLOGY 353	PLANT TAXONOMY	
BIOLOGY 359	AQUATIC PLANT BIOLOGY	
BIOLOGY 375	INVERTEBRATE ZOOLOGY	
BIOLOGY 380	VERTEBRATE ZOOLOGY	
BIOLOGY 450	INTRODUCTORY ENTOMOLOGY	
Chemistry Elective - s	select one of the following:	3
CHEM 251	ORGANIC CHEMISTRY - I	
CHEM 260	INORGANIC CHEMISTRY	
CHEM 352	QUANTITATIVE ANALYSIS	
Biology Elective - sele	ect at least one of the following:	3
BIOLOGY 253	INTRODUCTION TO CELL BIOLOGY	
COMPSCI/ BIOLOGY 312	INTERMEDIATE DATA SCIENCE	
BIOLOGY 340	COMPARATIVE VERTEBRATE ANATOMY	
BIOLOGY 351	THE PLANT KINGDOM	
BIOLOGY 353	PLANT TAXONOMY	
ENVSCI/BIOLOGY 357	CONSERVATION BIOLOGY	
BIOLOGY 359	AQUATIC PLANT BIOLOGY	
BIOLOGY 375	INVERTEBRATE ZOOLOGY	
BIOLOGY 380	VERTEBRATE ZOOLOGY	
PSYCH/BIOLOGY 416	ADVANCED AND MULTIVARIATE DATA ANALYSIS FOR THE LIFE SCIENCES	
BIOLOGY 430	ANIMAL BEHAVIOR	
BIOLOGY 442	ENVIRONMENTAL TOXICOLOGY	
BIOLOGY 446	ORGANIC EVOLUTION	
COMPSCI/	BIOINFORMATICS	
BIOLOGY 448	DIOINI ONIMATICO	
BIOLOGY 450	INTRODUCTORY ENTOMOLOGY	
BIOLOGY 457	WILDLIFE ECOLOGY	

BIOLOGY 459	COMMUNITY ECOLOGY	
Breadth Elective - sel	ect one of the following:	3
GEOGRPY 270	GIS I: MAPPING OUR WORLD	
GEOGRPY 323	WATER RESOURCES	
GEOGRPY 423	RIVERS AND FLOODS	
GEOLGY 300	PRINCIPLES OF OCEANOGRAPHY	
CHEM 251	ORGANIC CHEMISTRY - I	
CHEM 252	ORGANIC CHEMISTRY - II	
CHEM 260	INORGANIC CHEMISTRY	
CHEM 261	ORGANIC CHEMISTRY LABORATORY	
CHEM 270	INTRODUCTION TO GREEN CHEMISTRY	
CHEM 352	QUANTITATIVE ANALYSIS	
CHEM 454	BIOCHEMISTRY OF MACROMOLECULES	
CHEM/BIOLOGY 456	BIOCHEMISTRY OF METABOLISM AND SIGNALING	
٠,	kin courses, numbered above 300, except for 54 units in the major.	14
Satisfaction of this er Deakin University in A	mphasis requires two semesters of study at	
,		
Total Units		54
	Title	54 Units
Total Units	Title	
Total Units	Title	
Total Units Code Unique and Writing Ro	Title equirements	Units
Total Units Code Unique and Writing Re BIOLOGY 303	Title equirements BIOSTATISTICS	Units
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS	Units
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II	Units 3-4
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102 CHEM 104	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II	Units 3-4 5
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102 CHEM 104 Select one of the follogen	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II owing:	Units 3-4 5
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102 CHEM 104 Select one of the follo	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II owing: WRITING IN BIOLOGY WRITING IN THE SCIENCES	Units 3-4 5
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102 CHEM 104 Select one of the follo BIOLOGY 200 or PWP 371	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II owing: WRITING IN BIOLOGY WRITING IN THE SCIENCES	3-4 5 5 3
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102 CHEM 104 Select one of the follo BIOLOGY 200 or PWP 371 Select one of the follo	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II owing: WRITING IN BIOLOGY WRITING IN THE SCIENCES owing	3-4 5 5 3
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102 CHEM 104 Select one of the follo BIOLOGY 200 or PWP 371 Select one of the follo MATH 142	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II wing: WRITING IN BIOLOGY WRITING IN THE SCIENCES wing COLLEGE ALGEBRA	3-4 5 5 3
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102 CHEM 104 Select one of the follo BIOLOGY 200 or PWP 371 Select one of the follo MATH 142 & MATH 151	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II owing: WRITING IN BIOLOGY WRITING IN THE SCIENCES owing COLLEGE ALGEBRA and TRIGONOMETRY	3-4 5 5 3
Total Units Code Unique and Writing Re BIOLOGY 303 or PSYCH 215 CHEM 102 CHEM 104 Select one of the follo BIOLOGY 200 or PWP 371 Select one of the follo MATH 142 & MATH 151 or MATH 152	Title equirements BIOSTATISTICS BASIC STATISTICAL METHODS GENERAL CHEMISTRY I GENERAL CHEMISTRY II owing: WRITING IN BIOLOGY WRITING IN THE SCIENCES owing COLLEGE ALGEBRA and TRIGONOMETRY PRECALCULUS CALCULUS FOR BUSINESS AND SOCIAL	Units 3-4 5 5 3

Typically these credits will consist of transfer credits from Deakin including Marine Biology and Water Quality which are required.

No minor is required.