

Addendum to the Programme Specification

8165 BSc Biology and Marine Biology

This Addendum has been produced to highlight the key changes made to the existing Programme Specification as a result of the University's response to the Covid-19 Pandemic. You should read it in conjunction with the relevant Programme Specification from the year you started your programme.

[Programme Specification for entry in 2020-21](#)

[Programme Specification for entry in 2019-20](#)

[Programme Specification for entry in 2018-19](#)

University level information

In view of COVID-19, the University has had to make changes to some elements of programme delivery for 2020-21. These changes have included the method of delivery, such as face-to-face and online, and the number of modules available.

The University aims to provide as much of a face-to-face component to your education as prevailing conditions at the time allow, combined with its new blended approach that will develop active independent and group online learning.

As the COVID-19 pandemic develops, the University's response to this and other issues may likewise need to evolve. The University will consult with student representatives as necessary and appropriate and will communicate changes to you as soon as practicable so that you have the information you need to understand how a change may impact you and what steps you need to take next. The University remains committed to supporting you as you learn.

Programme Information

In light of Covid-19, there will be a change to how some modules will be organised. Field and lab work remain a mandatory part of the programme, but will be offered in line with current social distancing and local and international guidelines.

Programme Structure

Where optional modules have been specified, the following is an indicative list of available optional modules, which are subject to change each academic year. Please note that, in some instances, modules have limited spaces available.

Part 1

You must complete all Compulsory modules.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL1024 Fundamentals of Biochemistry (Full Year Module)					15	30	Comp
BIOL1029 Origins of Biodiversity (Full Year Module)					15	30	Comp
SOES1013 Key Skills for Marine Scientists (Full Year Module)					7.5	15	Comp
SOES1007 Marine Invertebrates	7.5	15	Comp	SOES1015 Statistical Computing for Marine Sciences	7.5	15	Comp
SOES1008 Earth and Ocean System	7.5	15	Comp				

Part 2

You must complete all Compulsory modules.

You must choose 37.5 ECTS/75 CATS of optional modules. **Your choice must include at least 2 BIOL modules and 2 SOES modules.** If you did not take SOES 1015 in Y1, you must choose BIOL 2008 in Y2

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL2001 Evolution	7.5	15	Comp	SOES2006 Phytoplankton and Primary Production	7.5	15	Comp
SOES2030 Coastal Ecology Field Course	7.5	15	Comp	BIOL2007 Plant Development and Function	7.5	15	Option
BIOL2004 Pure and Applied Population Ecology	7.5	15	Option	BIOL2038 Environmental Microbiology	7.5	15	Option
BIOL2010 Flow of Genetic Information	7.5	15	Option	BIOL2039 Animal Behaviour	7.5	15	Option
BIOL2013 Bioinformatics	7.5	15	Option	SOES2032 Palaeobiology	7.5	15	Option
SOES2011 Marine Vertebrates	7.5	15	Option	SOES2017 Marine Benthic Ecology	7.5	15	Option
SOES2040 Zooplankton Ecology and Processes (L5)	7.5	15	Option				
BIOL2008 Quantitative Methods in Biological and Environmental Sciences	7.5	15	Option				

Part 3

You must complete all Compulsory modules.

You must choose 15 ECTS/30CATS of optional modules from Group 1 and 37.5 ECTS/75 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
SOES3051 Shallow Water Survey Techniques (Full Year Module)					7.5	15	Comp

Part 3 Group 1

You must choose 15 ECTS/30CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL3034 Laboratory Research Project (Full Year Module)					15	30	Option
BIOL3058 Bioscience Business (Full Year Module)					15	30	Option
BIOL3059 Bioscience Education (Full Year Module)					15	30	Option
BIOL3061 Field Research Project (Full Year Module)					15	30	Option
BIOL3069 In-Silico Research Project (Full Year Module)					15	30	Option
SOES3046 Independent Research Project (Oceanography, Marine Biology) (Full Year Module)					15	30	Option

Part 3 Group 2

You must choose 37.5 ECTS/75 CATS of optional modules from Group 2.

Your choice must include at least 2 BIOL modules and 2 SOES modules.

Students who take BIOL2010 and/or BIOL2013 are not eligible to take SOES3031.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL3001 Current Topics in Cell and Developmental Biology	7.5	15	Option	BIOL3010 Evolution and Genetics	7.5	15	Option
BIOL3003 Plant Cell Biology	7.5	15	Option	BIOL3013 Molecular Recognition	7.5	15	Option

BIOL3053 Biodiversity and Conservation	7.5	15	Option	BIOL3051 Applied Plant Biology	7.5	15	Option
BIOL3063 Bioinformatics and Systems Biology	7.5	15	Option	BIOL3057 Biofilms and Microbial Communities	7.5	15	Option
BIOL3067 Evolution and Development	7.5	15	Option	BIOL3074 Global Challenges in Biology	7.5	15	Option
BIOL3072 Behavioural Ecology	7.5	15	Option	SOES3005 Sediments: Modern and Ancient	7.5	15	Option
SOES3013 Zooplankton Ecology and Processes	7.5	15	Option	SOES3053 Understanding Coral Reefs	7.5	15	Option
SOES3054 Marine Conservation and Policy	7.5	15	Option	SOES3031 Marine Microbial Ecology and Biotechnology	7.5	15	Option
SOES3017 Marine Fisheries Ecology	7.5	15	Option				
SOES3055 Deep Sea Ecology	7.5	15	Option				