

# Addendum to the Programme Specification

## 4895 BSc Oceanography with Physical Geography (FT)

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](#)

[Programme Specification for entry in 2017-18](#)

### University level information

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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

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In light of Covid-19, there will be a change to how some modules will be organised. Key field and lab work, and some computing practicals, remain a mandatory part of the programme, but will be offered in line with current social distancing and local and international guidelines. All written (timed) examinations and some oral presentations will be replaced by other forms of assessment. Some alterations to optional Year 3 modules are necessary, to ensure resilience: SOES3014 and SOES3041 are suspended.

### Programme Structure

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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.

## 4895 BSc Oceanography with Physical Geography programme structure

### Part 1

You must complete all Compulsory modules.

You must choose a total of 7.5ECTS/15 CATS of optional modules.

**Choose MATH1008 if you have A-Level Mathematics (Grade A or B), or equivalent, or are entering from the Foundation Year having attained more than 75% in Maths. In all other cases, choose SOES1010.**

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES1013</a> Key Skills for Marine Scientists (Full Year Module)					7.5	15	Comp
<a href="#">GEOG1002</a> Dynamic Landscapes	7.5	15	Comp	<a href="#">GEOG1001</a> The Earth System	7.5	15	Comp
<a href="#">SOES1005</a> Introduction to Ocean Biogeochemistry	7.5	15	Comp	<a href="#">SOES1004</a> Physics of the Ocean	7.5	15	Comp
<a href="#">SOES1008</a> Earth and Ocean System	7.5	15	Comp	<a href="#">SOES1006</a> Introduction to Marine Ecology and Evolution	7.5	15	Comp
<a href="#">MATH1008</a> Mathematical Methods for Scientists 1a	7.5	15	Option				
<a href="#">SOES1010</a> Quantitative Earth and Ocean Sciences	7.5	15	Option				

### Part 2

You must complete all Compulsory modules.

You must choose optional modules totalling 37.5 ECTS/75 CATS.

**You need to select at least 2 GEOG modules and 2 SOES modules.**

**Please ensure that you select an even split of credits overall by Semester including your compulsory modules.**

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES2024</a> Coastal Ocean Processes	7.5	15	Comp	<a href="#">SOES2027</a> Monitoring Coastal and Estuarine Environments	7.5	15	Comp
<a href="#">SOES2025</a> Ocean Data Analysis and Modelling	7.5	15	Comp				
<a href="#">GEOG2007</a> Remote Sensing for Earth Observation	7.5	15	Option	<a href="#">GEOG2032</a> Global Climate Change: Science, Impacts and Policy	7.5	15	Option
<a href="#">GEOG2010</a> Introductory Geographic Information Systems	7.5	15	Option	<a href="#">GEOG2006</a> Quaternary Environmental Change	7.5	15	Option
<a href="#">SOES2018</a> Geochemistry	7.5	15	Option	<a href="#">SOES2006</a> Phytoplankton and Primary Production	7.5	15	Option
<a href="#">SOES2003</a> Geohazards and Earth Resources	7.5	15	Option	<a href="#">SOES2010</a> The Dynamic Ocean	7.5	15	Option

### Part 3

You must complete all Compulsory modules.

You must choose optional modules totalling 37.5 ECTS/75 CATS.

**You must choose 22.5 ECTS/45 CATS of optional modules from Group 1 and 15 ECTS/30 CATS of optional modules from Group 2.**

**Please ensure that you select an even split of credits overall by Semester including your compulsory modules.**

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES3046</a> Independent Research Project (Oceanography, Marine Biology) (Full Year Module)					15	30	Comp
<a href="#">SOES3018</a> Applied Oceanography and Fieldwork					7.5	15	Comp

**Part 3 Group 1**

You must choose 22.5 ECTS/45 CATS from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES3010</a> Large Scale Ocean Processes and Climate	7.5	15	Option	<a href="#">SOES3029</a> Seafloor Exploration and Surveying	7.5	15	Option
<a href="#">SOES3011</a> Biogeochemical Cycles in the Earth System	7.5	15	Option				
<a href="#">SOES3042</a> Computational Data Analysis for Geophysicists and Ocean Scientists	7.5	15	Option				
<a href="#">SOES3008</a> Environmental and Engineering Geology	7.5	15	Option				
<a href="#">SOES3009</a> Shelf Seas and Shelf Edge Dynamics	7.5	15	Option				
<a href="#">SOES3015</a> Palaeoclimate Change	7.5	15	Option				

**Part 3 Group 2**

You must choose 15 ECTS/30 CATS from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">ENVS2007</a> Environmental Pollution	7.5	15	Option	<a href="#">GEOG3004</a> Arctic and Alpine Landscapes in Transition	7.5	15	Option
<a href="#">GEOG3020</a> Glaciers and Glaciation	7.5	15	Option	<a href="#">GEOG3006</a> Advanced Geographical Information Systems	7.5	15	Option