

Addendum to the Programme Specification

4900 BSc Oceanography (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

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. 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: SOES3004, SOES3014 and SOES3041 are suspended.

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.

4900 BSc Oceanography programme structure

Part 1

You must complete all Compulsory modules.

You must choose a total of 22.5 ECTS/45 CATS of optional modules.

You must choose 7.5 ECTS/15 CATS from Group 1 and 15 ECTS/30 CATS from Group 2.

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 |
| SOES1013 Key Skills for Marine Scientists (Full Year Module) | | | | | 7.5 | 15 | Comp |
| SOES1005 Introduction to Ocean Biogeochemistry | 7.5 | 15 | Comp | SOES1004 Physics of the Ocean | 7.5 | 15 | Comp |
| SOES1008 Earth and Ocean System | 7.5 | 15 | Comp | SOES1006 Introduction to Marine Ecology and Evolution | 7.5 | 15 | Comp |

Part 1 Group 1

You must choose 7.5 ECTS/15 CATS from Group 1.

| Semester 1 | | | | Semester 2 | | | |
|---|------|------|-------------|------------|------|------|-------------|
| Modules | ECTS | CATS | Module type | Modules | ECTS | CATS | Module Type |
| MATH1008 Mathematical Methods for Scientists 1a | 7.5 | 15 | Option | | | | |
| SOES1010 Quantitative Earth and Ocean Sciences | 7.5 | 15 | Option | | | | |

Part 1 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 |
| | | | | MATH1009 Mathematical Methods for Scientists 1b | 7.5 | 15 | Option |
| | | | | SOES1002 Dynamic Earth | 7.5 | 15 | Option |
| | | | | SOES1015 Statistical Computing for Marine Sciences | 7.5 | 15 | Option |

Part 2

You must complete all Compulsory modules.

You must choose optional modules totalling 15 ECTS/30 CATS.

| Semester 1 | | | | Semester 2 | | | |
|---|------|------|-------------|--|------|------|-------------|
| Modules | ECTS | CATS | Module type | Modules | ECTS | CATS | Module Type |
| SOES2018 Geochemistry | 7.5 | 15 | Comp | SOES2006 Phytoplankton and Primary Production | 7.5 | 15 | Comp |
| SOES2024 Coastal Ocean Processes | 7.5 | 15 | Comp | SOES2010 The Dynamic Ocean | 7.5 | 15 | Comp |
| SOES2025 Ocean Data Analysis and Modelling | 7.5 | 15 | Comp | SOES2027 Monitoring Coastal and Estuarine Environments | 7.5 | 15 | Comp |
| MATH2015 Mathematical Methods for Scientists | 7.5 | 15 | Option | SOES2017 Marine Benthic Ecology | 7.5 | 15 | Option |
| SOES2040 Zooplankton Ecology and Processes (L5) | 7.5 | 15 | Option | | | | |

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|---|-----|----|--------|--|
| SOES2003 Geohazards and Earth Resources | 7.5 | 15 | Option | |
|---|-----|----|--------|--|

Part 3

You must complete all Compulsory modules.

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

| Semester 1 | | | | Semester 2 | | | |
|---|------|------|-------------|---|------|------|-------------|
| Modules | ECTS | CATS | Module type | Modules | ECTS | CATS | Module Type |
| SOES3046 Independent Research Project (Oceanography, Marine Biology) (Full Year Module) | | | | | 15 | 30 | Comp |
| SOES3018 Applied Oceanography and Fieldwork | | | | | 7.5 | 15 | Comp |
| SOES3010 Large Scale Ocean Processes and Climate | 7.5 | 15 | Option | SOES3029 Seafloor Exploration and Surveying | 7.5 | 15 | Option |
| SOES3011 Biogeochemical Cycles in the Earth System | 7.5 | 15 | Option | ENVS2006 Environmental Impact Assessment | 7.5 | 15 | Option |
| SOES3042 Computational Data Analysis for Geophysicists and Ocean Scientists | 7.5 | 15 | Option | | | | |
| SOES3008 Environmental and Engineering Geology | 7.5 | 15 | Option | | | | |
| SOES3009 Shelf Seas and Shelf Edge Dynamics | 7.5 | 15 | Option | | | | |
| SOES3015 Palaeoclimate Change | 7.5 | 15 | Option | | | | |