Addendum to the Programme Specification

4961 MSci 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, "live" poster presentations (Year 4 project) and some oral presentations will be replaced by other forms of assessment. Some alterations to optional modules are necessary, to ensure resilience: SOES6006 and SOES6047 are combined into a new module, SOES6079; SOES6073 is suspended, with elements incorporated into SOS3011/SOES6007; SOES3004/SOES6022 is suspended; SOES3014, SOES3040 (hence SOES3052) 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.

4961 MSci Oceanography programme structure

Part 1

You must complete all Compulsory modules.

You must choose optional modules totalling 22.5 ECTS/45 CATS.

7.5 ECTS/15 CATS of optional modules must be chosen from either MATH1008 or SOES2010.

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**
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
SOES1013 Key Skills for Marine Scientists (Full Year Module)					7.5	15	Comp
MATH1008 Mathematical Methods for Scientists 1a	7.5	15	Option				
SOES1010 Quantitative Earth and Ocean Science	7.5	15	Option				
				MATH1009 Math Methods for Scientist 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.

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**
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				
SOES2003 Geohazards and Earth Resources	7.5	15	Option				

Part 3

You must complete all Compulsory modules.
You must choose optional modules totalling 30 ECTS/60 CATS.

View module choices over years 3 and 4 collectively to ensure preferred module bundles are followed.

Semester 1				Semester 2			
Modules	**ECTS**	**CATS**	**Module type**	**Modules**	**ECTS**	**CATS**	**Module Type**
SOES3035 Oceanography and Marine Biology Research Training (Full Year Module)					15	30	Comp
SOES3018 Applied Oceanography and Fieldwork					7.5	15	Comp
SOES3009 Shelf Seas and Shelf Edge Dynamics	7.5	15	Comp				
SOES3010 Large Scale Ocean Processes and Climate	7.5	15	Option				
SOES3011 Biogeochemical Cycles in the Earth System	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				
SOES3015 Palaeoclimate Change	7.5	15	Option				

Part 4

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

You must choose an even split of credits across both semesters including your compulsory modules.
If you have previously studied **SOES3011** you must not select **SOES6007**.
If you have previously studied **SOES3010** you must not select **SOES6005**

Semester 1				Semester 2			
Modules	**ECTS**	**CATS**	**Module type**	**Modules**	**ECTS**	**CATS**	**Module Type**
SOES6074 Contemporary Topics in Oceanography and Marine Biology	7.5	15	Comp				
SOES6070 Advanced Oceanography Fieldwork	7.5	15	Comp				
SOES6071 MSci Advanced Independent Research Project (Full Year Module)					30	60	Comp
SOES6004 Applied and Marine Geophysics	7.5	15	Option	SOES6079 Climate and Climate Change	7.5	15	Option
SOES6005 Large Scale Ocean Processes and Climate	7.5	15	Option	SOES6011 Sea Level Rise and Coastal Management	7.5	15	Option
SOES6007 Biogeochemical Cycles in the Earth System	7.5	15	Option	SOES6017 Introductory Remote Sensing of the Ocean	7.5	15	Option
SOES6025 Computational Data Analysis for Geophysicists and Ocean Scientists	7.5	15	Option	SOES6021 Ecological Modelling	7.5	15	Option
				SOES6023 Environmental Radioactivity & Radiochemistry	7.5	15	Option
				SOES6024 Seafloor Exploration and Surveying 2	7.5	15	Option