Addendum to the Programme Specification

4957 MSci Geophysics (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. 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.

4957 MSci Geophysics programme structure

Part 1

You must complete all Compulsory modules.
You must select 5 ECTS/10 CATS (1 module) of optional modules.

Semester 1				Semester 2			
Modules	**ECTS**	**CATS**	**Module type**	**Modules**	**ECTS**	**CATS**	**Module Type**
SOES1014 Key Skills for Geoscientists (Full Year Module)					7.5	15	Comp
MATH1008 Mathematical Methods for Scientists 1a	7.5	15	Comp	MATH1009 Mathematical Methods for Scientists 1b	7.5	15	Comp
PHYS1022 Electricity and Magnetism	5	10	Comp	PHYS1011 Waves, Light and Quanta	5	10	Comp
SOES1001 Earth Materials	7.5	15	Comp	SOES1002 Dynamic Earth	7.5	15	Comp
SOES1008 Earth and Ocean System	7.5	15	Comp	PHYS1013 Energy and Matter	5	10	Option

Part 2

You must complete all Compulsory modules.
You must select 22.5 ECTS/45 CATS of optional 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**
SOES2035 Physics, Fieldwork & Key Skills for Geophysicists (Full Year Module)					15	30	Comp
MATH2015 Mathematical Methods for Scientists	7.5	15	Comp				
SOES2038 Exploration Geophysics and Remote Sensing	7.5	15	Comp				
SOES2037 Structural Geology and GIS	7.5	15	Comp				
SOES2003 Geohazards and Earth Resources	7.5	15	Option	SOES2010 The Dynamic Ocean	7.5	15	Option
PHYS2006 Classical Mechanics	7.5	15	Option	ENVS2006 Environmental Impact Assessment	7.5	15	Option
SOES2024 Coastal Ocean Processes	7.5	15	Option	SOES2013 Sedimentary Systems and Processes	7.5	15	Option
SOES2018 Geochemistry	7.5	15	Option	SOES2004 Igneous and Metamorphic Petrology	7.5	15	Option

Part 3

You must complete all Compulsory modules.
You must select 22.5 ECTS/45 CATS of optional modules.
Please ensure that you select an even split of credits overall by Semester including your compulsory modules.

For SOES3020 there is a fieldtrip to Tenerife as part of this module and you will be asked to pay towards some of the costs for this.

Semester 1				Semester 2			
Modules	**ECTS**	**CATS**	**Module type**	**Modules**	**ECTS**	**CATS**	**Module Type**
SOES3021 Geophysical Field Methods					7.5	15	Comp
SOES3042 Computational Data Analysis for Geophysicists and Ocean Scientists	7.5	15	Comp	SOES3022 Geophysics Research Training	7.5	15	Comp
SOES6004 Applied and Marine Geophysics	7.5	15	Comp	SOES3032 Global Tectonics	7.5	15	Comp
SOES3008 Environmental and Engineering Geology	7.5	15	Option	SOES3002 Petroleum Geology and Mineral Resources	7.5	15	Option
SOES3015 Palaeoclimate Change	7.5	15	Option				
SOES3006 The Evolving Earth	7.5	15	Option				
SOES3020 Volcanic and Mantle Processes					7.5	15	Option

Part 4

You must complete all Compulsory modules.
You must select 15 ECTS/30 CATS of optional 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**
SOES6001 Contemporary Topics in Geology and Geophysics	7.5	15	Comp				
SOES6037 Geodynamics and Solid Earth Geophysics	7.5	15	Comp				
SOES6005 Large Scale Ocean Processes and Climate	7.5	15	Option	SOES6024 Seafloor Exploration and Surveying 2	7.5	15	Option
SOES6007 Biogeochemical Cycles in the Earth System	7.5	15	Option	SOES6059 Basin Analysis	7.5	15	Option
				SOES6011 Sea Level Rise and Coastal Management	7.5	15	Option
				SOES6079 Climate and Climate Change	7.5	15	Option