

# Addendum to the Programme Specification

## 4904 BSc Geology with Physical Geography

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. 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.

There will be no year 1 module options available. All students will be taking a MATH module depending on previous qualification. All students will be taking GEOG 1002 Dynamic Landscapes.

Some Year 2 & 3 modules have changed Semester.

SOES 3004 Micropalaeontology is withdrawn.

### 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.

# 4904 BSc Geology with Physical Geography programme structure

## Part 1

You must complete all Compulsory modules.

You must choose 7.5 ECTS/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="#">SOES1014</a> Key Skills for Geoscientists (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="#">SOES1001</a> Earth Materials	7.5	15	Comp	<a href="#">SOES1002</a> Dynamic Earth	7.5	15	Comp
<a href="#">SOES1008</a> Earth and Ocean System	7.5	15	Comp	<a href="#">SOES1009</a> The Living Earth	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 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.**

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

With permission from the programme lead SOES2032 can be substituted by SOES2004.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES2034</a> Key Skills and Fieldwork for Geologists (Full Year Module)					7.5	15	Comp
<a href="#">SOES2037</a> Structural Geology and GIS	7.5	15	Comp	<a href="#">SOES2013</a> Sedimentary Systems and Processes	7.5	15	Comp
<a href="#">SOES2038</a> Exploration Geophysics and Remote Sensing	7.5	15	Comp	<a href="#">SOES2032</a> Palaeobiology	7.5	15	Comp

### Part 2 Group 1

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

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES2018</a> Geochemistry	7.5	15	Option	<a href="#">SOES2017</a> Marine Benthic Ecology	7.5	15	Option
<a href="#">SOES2003</a> Geohazards and Earth Resources	7.5	15	Option	<a href="#">SOES2027</a> Monitoring Coastal and Estuarine Environments	7.5	15	Option
				<a href="#">SOES2004</a> Igneous and Metamorphic Petrology	7.5	15	Option

### Part 2 Group 2

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

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">GEOG2007</a> Remote Sensing for Earth Observation	7.5	15	Option	<a href="#">GEOG2006</a> Quaternary Environmental Change	7.5	15	Option
				<a href="#">GEOG2032</a> Global Climate Change: Science, Impacts and Policy	7.5	15	Option

### Part 3

You must complete all Compulsory modules.

You must choose a total of 52.5 ECTS/105 CATS of optional modules.

**You must choose 15 ECTS/30 CATS from Group 1, 22.5 ECTS/45 CATS from Group 2 and 15 ECTS/30 CATS from Group 3.**

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.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
				<a href="#">SOES3006</a> The Evolving Earth	7.5	15	Comp

#### Part 3 Group 1

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

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES3025</a> Independent Mapping Project					15	30	Option
<a href="#">SOES3027</a> Independent Research Project (Geology)					15	30	Option

#### Part 3 Group 2

You must choose 22.5 ECTS/45 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES3015</a> Palaeoclimate Change	7.5	15	Option	<a href="#">SOES3005</a> Sediments: Modern and Ancient	7.5	15	Option
<a href="#">SOES3020</a> Volcanic and Mantle Processes	7.5	15	Option	<a href="#">SOES3002</a> Petroleum Geology and Mineral Resources	7.5	15	Option
<a href="#">SOES3008</a> Environmental and Engineering Geology	7.5	15	Option	<a href="#">SOES3029</a> Seafloor Exploration and Surveying	7.5	15	Option
				<a href="#">SOES3032</a> Global Tectonics	7.5	15	Option

#### Part 3 Group 3

You must choose 15 ECTS/30 CATS of optional modules from Group 3.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
<a href="#">SOES3020</a> Glaciers and Glaciation	7.5	15	Option	<a href="#">GEOG3004</a> Arctic and Alpine Landscapes in Transition	7.5	15	Option
<a href="#">GEOG3048</a> Desert Landscapes: Modelling and Measuring Aeolian Systems	7.5	15	Option				