

Addendum to the Programme Specification

8436 BSc Environmental Science

8437 BSc Environmental Science: Aquatic Environments and Resources pathway

8438 BSc Environmental: Science Biodiversity and Conservation pathway

8439 BSc Environmental Science: Environmental Change pathway

8440 BSc Environmental Science: Sustainable Environmental Management pathway

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 Programme Specification.

[Programme Specification for entry in 2020-21](#)

[Programme Specification for entry in 2019-20](#)

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, some practical elements of the programme will be modified during 2020-21. Group work sessions will be adapted to ensure they meet current social distancing requirements. Where field trips are a part of specific modules, these will be scheduled according to current local and national restrictions and only run where possible within Covid-19 University of Southampton and UK Government constraints.

Programme Structure

8437 - BSc Environmental Science: Aquatic Environments and Resources pathway

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

Part 1

You must complete all Core and Compulsory modules.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS1004 Environmental Science: Concepts and Communication	7.5	15	Core	BIOL1003 Ecology & Evolution	7.5	15	Comp
ENVS1005 Quantitative Methods	7.5	15	Core	ENVS1006 Environmental Science: Research and Applications	7.5	15	Core
GEOG1011 Dangerous World	7.5	15	Comp	ENVS1007 Environmental Field Techniques and Applications	7.5	15	Core
SOES1008 Earth and Ocean System	7.5	15	Comp	SOES1006 Introduction to Marine Ecology and Evolution	7.5	15	Comp

Part 2

You must complete all Core modules.

You must choose 30 ECTS/60 CATS of optional modules in total.

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1. You must select a minimum of 0 ECTS/0 CATS up to a maximum of 7.5 ECTS/15 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
ENVS2007 Environmental Pollution	7.5	15	Core	ENVS2014 Sustainability (No-Fly Field Course)	7.5	15	Core
GEOG2010 Introductory Geographic Information Systems	7.5	15	Core	ENVS2006 Environmental Impact Assessment	7.5	15	Core

Part 2 Group 1

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS2003 Freshwater Ecosystems	7.5	15	Option	GEOG2040 Coastal Landscapes and Human Interactions	7.5	15	Option
GEOG2037 Global Water Resources	7.5	15	Option	SOES2017 Marine Benthic Ecology	7.5	15	Option
GEOG2039 Concepts and Methods for Environmental Management	7.5	15	Option				
SOES2011 Marine Vertebrates	7.5	15	Option				

Part 2 Group 2

You must select a minimum of 0 ECTS/0 CATS to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL2001 Evolution	7.5	15	Option	BIOL2007 Plant Development and Function	7.5	15	Option
BIOL2004 Pure and Applied Population Ecology	7.5	15	Option	BIOL2039 Animal Behaviour	7.5	15	Option
DEMO2010 Population Change in Low and Middle Income Countries	7.5	15	Option	DEMO2005 Population Processes in High Income Countries	7.5	15	Option

GEOG2007 Remote Sensing for Earth Observation	7.5	15	Option	GEOG2006 Quaternary Environmental Change	7.5	15	Option
SOES2024 Coastal Ocean Processes	7.5	15	Option	GEOG2021 Advanced Geographical Information Systems	7.5	15	Option
SOES2003 Geohazards and Earth Resources	7.5	15	Option	GEOG2032 Global Climate Change: Science, Impacts and Policy	7.5	15	Option
LANGXX15 Language Module	7.5	15	Option	PHYS2015 Introduction to Energy in The Environment	7.5	15	Option
UOSM2004 Global Health	7.5	15	Option	SOES2006 Phytoplankton and Primary Production	7.5	15	Option
UOSM2022 Social Enterprise	7.5	15	Option	LANGXX15 Language Module	7.5	15	Option

Part 3

You must complete all Core modules.

You must choose 30 ECTS/60 CATS of optional modules in total.

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1. You must select a minimum of 0 ECTS/0 CATS up to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS3019 Individual Project (Full Year Module)					15	30	Core
ENVS3024 Literature Review	7.5	15	Core	ENVS3013 Environmental Law and Management	7.5	15	Core

Part 3 Group 1

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
SOES3013 Zooplankton Ecology and Processes	7.5	15	Option	ENVS3023 Advanced Quantitative Methods (UG)	7.5	15	Option
SOES3017 Marine Fisheries Ecology	7.5	15	Option	GEOG3023 River Basin Management and Restoration	7.5	15	Option
				SOES3029 Seafloor Exploration and Surveying	7.5	15	Option
				GEOG3068 Biogeography	7.5	15	Option

Part 3 Group 2

You must select a minimum of 0 ECTS/0 CATS to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

You must NOT select GEOG3006 if you have previously taken GEOG2021.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL3053 Biodiversity and Conservation	7.5	15	Option	BIOL3010 Evolution and Genetics	7.5	15	Option
BIOL3072 Behavioural Ecology	7.5	15	Option	BIOL3051 Applied Plant Biology	7.5	15	Option
ENVS3014 Sustainable Resource Management	7.5	15	Option	BIOL3074 Global Challenges in Biology	7.5	15	Option
ENVS3017 The Sustainability Professional	7.5	15	Option	ENVS3020 Air Quality and Environmental Pollution	7.5	15	Option
GEOG3010 Environment and Health	7.5	15	Option	ENVS3022 Tropical Ecology and Conservation	7.5	15	Option
GEOG3020 Glaciers and Glaciation	7.5	15	Option	GEOG3006 Advanced Geographical Information Systems	7.5	15	Option
GEOG3048 Desert Landscapes: Modelling and Measuring Aeolian Systems	7.5	15	Option	GEOG3062 Migration and Development	7.5	15	Option

GEOG3057 Adapting to Climate Change and Weather Hazards	7.5	15	Option	
SOES3011 Biogeochemical Cycles in the Earth System	7.5	15	Option	
SOES3015 Palaeoclimate Change	7.5	15	Option	
UOSM2004 Global Health	7.5	15	Option	
UOSM2022 Social Enterprise	7.5	15	Option	

Programme Structure

8438 - BSc Environmental Science: Biodiversity and Conservation pathway

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

Part 1

You must complete all Core and Compulsory modules.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS1004 Environmental Science: Concepts and Communication	7.5	15	Core	BIOL1003 Ecology & Evolution	7.5	15	Comp
ENVS1005 Quantitative Methods	7.5	15	Core	ENVS1006 Environmental Science: Research and Applications	7.5	15	Core
GEOG1011 Dangerous World	7.5	15	Comp	ENVS1007 Environmental Field Techniques and Applications	7.5	15	Core
SOES1008 Earth and Ocean System	7.5	15	Comp	SOES1006 Introduction to Marine Ecology and Evolution	7.5	15	Comp

Part 2

You must complete all Core modules.

You must choose 30 ECTS/60 CATS of optional modules in total.

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1. You must select a minimum of 0 ECTS/0 CATS up to a maximum of 7.5 ECTS/15 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
ENVS2007 Environmental Pollution	7.5	15	Core	ENVS2014 Sustainability (No-Fly Field Course)	7.5	15	Core
GEOG2010 Introductory Geographic Information Systems	7.5	15	Core	ENVS2006 Environmental Impact Assessment	7.5	15	Core

Part 2 Group 1

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL2001 Evolution	7.5	15	Option	BIOL2007 Plant Development and Function	7.5	15	Option
BIOL2004 Pure and Applied Population Ecology	7.5	15	Option	BIOL2039 Animal Behaviour	7.5	15	Option
ENVS2003 Freshwater Ecosystems	7.5	15	Option	GEOG2006 Quaternary Environmental Change	7.5	15	Option

Part 2 Group 2

You must select a minimum of 0 ECTS/0 CATS to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type

DEMO2010 Population Change in Low and Middle Income Countries	7.5	15	Option	DEMO2005 Population Processes in High Income Countries	7.5	15	Option
GEOG2007 Remote Sensing for Earth Observation	7.5	15	Option	GEOG2021 Advanced Geographical Information Systems	7.5	15	Option
GEOG2037 Global Water Resources	7.5	15	Option	GEOG2032 Global Climate Change: Science, Impacts and Policy	7.5	15	Option
GEOG2039 Concepts and Methods for Environmental Management	7.5	15	Option	GEOG2040 Coastal Landscapes and Human Interactions	7.5	15	Option
SOES2003 Geohazards and Earth Resources	7.5	15	Option	PHYS2015 Introduction to Energy in The Environment	7.5	15	Option
SOES2011 Marine Vertebrates	7.5	15	Option	SOES2006 Phytoplankton and Primary Production	7.5	15	Option
SOES2024 Coastal Ocean Processes	7.5	15	Option	SOES2017 Marine Benthic Ecology	7.5	15	Option
LANGXX15 Language Module	7.5	15	Option	LANGXX15 Language Module	7.5	15	Option
UOSM2004 Global Health	7.5	15	Option				
UOSM2022 Social Enterprise	7.5	15	Option				

Part 3

You must complete all Core modules.

You must choose 30 ECTS/60 CATS of optional modules in total.

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1. You must select a minimum of 0 ECTS/0 CATS up to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS3019 Individual Project (Full Year Module)					15	30	Core
ENVS3024 Literature Review	7.5	15	Core	ENVS3013 Environmental Law and Management	7.5	15	Core

Part 3 Group 1

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL3053 Biodiversity and Conservation	7.5	15	Option	BIOL3010 Evolution and Genetics	7.5	15	Option
BIOL3072 Behavioural Ecology	7.5	15	Option	BIOL3051 Applied Plant Biology	7.5	15	Option
				BIOL3074 Global Challenges in Biology	7.5	15	Option
				ENVS3023 Advanced Quantitative Methods (UG)	7.5	15	Option
				GEOG3068 Biogeography	7.5	15	Option

Part 3 Group 2

You must select a minimum of 0 ECTS/0 CATS to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

You must NOT select GEOG3006 if you have previously taken GEOG2021.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS3014 Sustainable Resource Management	7.5	15	Option	ENVS3020 Air Quality and Environmental Pollution	7.5	15	Option
ENVS3017 The Sustainability Professional	7.5	15	Option	ENVS3022 Tropical Ecology and Conservation	7.5	15	Option
GEOG3010 Environment and Health	7.5	15	Option	GEOG3006 Advanced Geographical Information Systems	7.5	15	Option
GEOG3020 Glaciers and Glaciation	7.5	15	Option	GEOG3023 River Basin Management and Restoration	7.5	15	Option

GEOG3048 Desert Landscapes: Modelling and Measuring Aeolian Systems	7.5	15	Option	GEOG3062 Migration and Development	7.5	15	Option
GEOG3057 Adapting to Climate Change and Weather Hazards	7.5	15	Option	SOES3029 Seafloor Exploration and Surveying	7.5	15	Option
SOES3011 Biogeochemical Cycles in the Earth System	7.5	15	Option				
SOES3015 Palaeoclimate Change	7.5	15	Option				
SOES3017 Marine Fisheries Ecology	7.5	15	Option				
SOES3013 Zooplankton Ecology and Processes	7.5	15	Option				
UOSM2004 Global Health	7.5	15	Option				
UOSM2022 Social Enterprise	7.5	15	Option				

Programme Structure

8439 BSc Environmental Science: Environmental Change pathway

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

Part 1

You must complete all Core and Compulsory modules.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS1004 Environmental Science: Concepts and Communication	7.5	15	Core	BIOL1003 Ecology and Evolution	7.5	15	Comp
ENVS1005 Quantitative Methods	7.5	15	Core	ENVS1006 Environmental Science: Research and Applications	7.5	15	Core
GEOG1011 Dangerous World	7.5	15	Comp	ENVS1007 Environmental Field Techniques and Applications	7.5	15	Core
SOES1008 Earth and Ocean System	7.5	15	Comp	GEOG1001 The Earth System	7.5	15	Comp

Part 2

You must complete all Core modules.

You must choose 30 ECTS/60 CATS of optional modules in total.

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1. You must select a minimum of 0 ECTS/0 CATS up to a maximum of 7.5 ECTS/15 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
ENVS2007 Environmental Pollution	7.5	15	Core	ENVS2014 Sustainability (No-Fly Field Course)	7.5	15	Core
GEOG2010 Introductory Geographic Information Systems	7.5	15	Core	ENVS2006 Environmental Impact Assessment	7.5	15	Core

Part 2 Group 1

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
DEMO2010 Population Change in Low and Middle Income Countries	7.5	15	Option	DEMO2005 Population Processes in High Income Countries	7.5	15	Option
GEOG2007 Remote Sensing for Earth Observation	7.5	15	Option	GEOG2032 Global Climate Change: Science, Impacts and Policy	7.5	15	Option
GEOG2037 Global Water Resources	7.5	15	Option				
SOES2024 Coastal Ocean Processes	7.5	15	Option				

Part 2 Group 2

You must select a minimum of 0 ECTS/0 CATS to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL2001 Evolution	7.5	15	Option	BIOL2007 Plant Development and Function	7.5	15	Option

BIOL2004 Pure and Applied Population Ecology	7.5	15	Option	BIOL2039 Animal Behaviour	7.5	15	Option
ENVS2003 Freshwater Ecosystems	7.5	15	Option	GEOG2006 Quaternary Environmental Change	7.5	15	Option
SOES2011 Marine Vertebrates	7.5	15	Option	GEOG2021 Advanced Geographical Information Systems	7.5	15	Option
GEOG2039 Concepts and Methods for Environmental Management	7.5	15	Option	GEOG2040 Coastal Landscapes and Human Interactions	7.5	15	Option
LANGXX15 Language Module	7.5	15	Option	PHYS2015 Introduction to Energy in The Environment	7.5	15	Option
SOES2003 Geohazards and Earth Resources	7.5	15	Option	SOES2006 Phytoplankton and Primary Production	7.5	15	Option
SOES2011 Marine Vertebrates	7.5	15	Option	SOES2017 Marine Benthic Ecology	7.5	15	Option
UOSM2004 Global Health	7.5	15	Option	LANGXX15 Language Module	7.5	15	Option
UOSM2022 Social Enterprise	7.5	15	Option				

Part 3

You must complete all Core modules.

You must choose 30 ECTS/60 CATS of optional modules in total.

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1. You must select a minimum of 0 ECTS/0 CATS up to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS3019 Individual Project (Full Year Module)					15	30	Core
ENVS3024 Literature Review	7.5	15	Core	ENVS3013 Environmental Law and Management	7.5	15	Core

Part 3 Group 1

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS3014 Sustainable Resource Management	7.5	15	Option	ENVS3020 Air Quality and Environmental Pollution	7.5	15	Option
GEOG3020 Glaciers and Glaciation	7.5	15	Option	ENVS3023 Advanced Quantitative Methods (UG)	7.5	15	Option
GEOG3048 Desert Landscapes: Modelling and Measuring Aeolian Systems	7.5	15	Option	GEOG3062 Migration and Development	7.5	15	Option
GEOG3057 Adapting to Climate Change and Weather Hazards	7.5	15	Option				
SOES3011 Biogeochemical Cycles in the Earth System	7.5	15	Option				
SOES3015 Palaeoclimate Change	7.5	15	Option				

Part 3 Group 2

You must select a minimum of 0 ECTS/0 CATS to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

You must NOT select GEOG3006 if you have previously taken GEOG2021.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL3053 Biodiversity and Conservation	7.5	15	Option	BIOL3010 Evolution and Genetics	7.5	15	Option
BIOL3072 Behavioural Ecology	7.5	15	Option	BIOL3051 Applied Plant Biology	7.5	15	Option

ENVS3017 The Sustainability Professional	7.5	15	Option	BIOL3074 Global Challenges in Biology	7.5	15	Option
GEOG3010 Environment and Health	7.5	15	Option	ENVS3022 Tropical Ecology and Conservation	7.5	15	Option
SOES3013 Zooplankton Ecology and Processes	7.5	15	Option	GEOG3006 Advanced Geographical Information Systems	7.5	15	Option
SOES3017 Marine Fisheries Ecology	7.5	15	Option	GEOG3023 River Basin Management and Restoration	7.5	15	Option
UOSM2004 Global Health	7.5	15	Option	GEOG3068 Biogeography	7.5	15	Option
UOSM2022 Social Enterprise	7.5	15	Option	SOES3029 Seafloor Exploration and Surveying	7.5	15	Option

Programme Structure

8440 - BSc Environmental Science: Sustainable Environmental Management pathway

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.

Part 1

You must complete all Core and Compulsory modules.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS1004 Environmental Science: Concepts and Communication	7.5	15	Core	BIOL1003 Ecology and Evolution	7.5	15	Comp
ENVS1005 Quantitative Methods	7.5	15	Core	ENVS1006 Environmental Science: Research and Applications	7.5	15	Core
GEOG1011 Dangerous World	7.5	15	Comp	ENVS1007 Environmental Field Techniques and Applications	7.5	15	Core
SOES1008 Earth and Ocean System	7.5	15	Comp	GEOG1001 The Earth System	7.5	15	Comp

Part 2

You must complete all Core modules.

You must choose 30 ECTS/60 CATS of optional modules in total.

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1. You must select a minimum of 0 ECTS/0 CATS up to a maximum of 7.5 ECTS/15 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
ENVS2007 Environmental Pollution	7.5	15	Core	ENVS2014 Sustainability (No-Fly Field Course)	7.5	15	Core
GEOG2010 Introductory Geographic Information Systems	7.5	15	Core	ENVS2006 Environmental Impact Assessment	7.5	15	Core

Part 2 Group 1

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
DEMO2010 Population Change in Low and Middle Income Countries	7.5	15	Option	DEMO2005 Population Processes in High Income Countries	7.5	15	Option
GEOG2039 Concepts and Methods for Environmental Management	7.5	15	Option	GEOG2032 Global Climate Change: Science, Impacts and Policy	7.5	15	Option
SOES2003 Geohazards and Earth Resources	7.5	15	Option	GEOG2040 Coastal Landscapes and Human Interactions	7.5	15	Option

Part 2 Group 2

You must select a minimum of 0 ECTS/0 CATS to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL2001 Evolution	7.5	15	Option	BIOL2007 Plant Development and Function	7.5	15	Option

BIOL2004 Pure and Applied Population Ecology	7.5	15	Option	BIOL2039 Animal Behaviour	7.5	15	Option
ENVS2003 Freshwater Ecosystems	7.5	15	Option	GEOG2006 Quaternary Environmental Change	7.5	15	Option
GEOG2007 Remote Sensing for Earth Observation	7.5	15	Option	GEOG2021 Advanced Geographical Information Systems	7.5	15	Option
GEOG2037 Global Water Resources	7.5	15	Option	PHYS2015 Introduction to Energy in The Environment	7.5	15	Option
SOES2011 Marine Vertebrates	7.5	15	Option	SOES2006 Phytoplankton and Primary Production	7.5	15	Option
SOES2024 Coastal Ocean Processes	7.5	15	Option	SOES2017 Marine Benthic Ecology	7.5	15	Option
LANGXX15 Language Module	7.5	15	Option	LANGXX15 Language Module	7.5	15	Option
UOSM2004 Global Health	7.5	15	Option				
UOSM2022 Social Enterprise	7.5	15	Option				

Part 3

You must complete all Core modules.

You must choose 30 ECTS/60 CATS of optional modules in total.

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1. You must select a minimum of 0 ECTS/0 CATS up to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS3019 Individual Project (Full Year Module)					15	30	Core
ENVS3024 Literature Review	7.5	15	Core	ENVS3013 Environmental Law and Management	7.5	15	Core

Part 3 Group 1

You must select a minimum of 22.5 ECTS/45 CATS to a maximum of 30 ECTS/60 CATS of optional modules from Group 1.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
ENVS3014 Sustainable Resource Management	7.5	15	Option	ENVS3020 Air Quality and Environmental Pollution	7.5	15	Option
ENVS3017 The Sustainability Professional	7.5	15	Option	ENVS3023 Advanced Quantitative Methods (UG)	7.5	15	Option
GEOG3010 Environment and Health	7.5	15	Option	GEOG3023 River Basin Management and Restoration	7.5	15	Option
GEOG3057 Adapting to Climate Change and Weather Hazards	7.5	15	Option				

Part 3 Group 2

You must select a minimum of 0 ECTS/0 CATS to a maximum of 7.5 ECTS/15 CATS of optional modules from Group 2.

You must NOT select GEOG3006 if you have previously taken GEOG2021.

Semester 1				Semester 2			
Modules	ECTS	CATS	Module type	Modules	ECTS	CATS	Module Type
BIOL3053 Biodiversity and Conservation	7.5	15	Option	BIOL3010 Evolution and Genetics	7.5	15	Option
BIOL3072 Behavioural Ecology	7.5	15	Option	BIOL3051 Applied Plant Biology	7.5	15	Option
GEOG3010 Environment and Health	7.5	15	Option	BIOL3074 Global Challenges in Biology	7.5	15	Option
GEOG3020 Glaciers and Glaciation	7.5	15	Option	ENVS3022 Tropical Ecology and Conservation	7.5	15	Option
GEOG3048 Desert Landscapes: Modelling and Measuring Aeolian Systems	7.5	15	Option	GEOG3006 Advanced Geographical Information Systems	7.5	15	Option
SOES3011 Biogeochemical Cycles in the Earth System	7.5	15	Option	GEOG3062 Migration and Development	7.5	15	Option

SOES3013 Zooplankton Ecology and Processes	7.5	15	Option	GEOG3068 Biogeography	7.5	15	Option
SOES3015 Palaeoclimate Change	7.5	15	Option	SOES3029 Seafloor Exploration and Surveying	7.5	15	Option
SOES3017 Marine Fisheries Ecology	7.5	15	Option				
UOSM2004 Global Health	7.5	15	Option				
UOSM2022 Social Enterprise	7.5	15	Option				