



NUI Galway
OÉ Gaillimh

College of Science

Fullscreen

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BSc ENVIRONMENTAL SCIENCE



www.nuigalway.ie/science

Overview

Year 1	Year 2	Year 3	Year 4
[60 credits]	[60 credits]	[60 credits]	[60 credits]
<p>There are 30 credits of Core modules.</p> <p>Choose one of the following options to a value of 30 credits:</p> <ul style="list-style-type: none"> Chemistry Physics <p>or</p> <ul style="list-style-type: none"> Chemistry/Physics Introductory Psychology I Introductory Psychology II Principles of Human Geography 	<p>There are 60 credits of Core modules.</p>	<p>There are 40 credits of Core modules.</p> <p>Choose Electives to value of 20 credits from the list available.</p>	<p>There are 50 credits of Core modules.</p> <p>Choose Electives to value of 10 credits from the list available.</p>
<p>Module Descriptors for Years 1 to 4 are available at: http://www.nuigalway.ie/science/undergraduate-courses/environmental-science.html#course_outline</p>			

BSc Environmental Science

Year 1	Year 2	Year 3	Year 4
[Core: 30 credits; Electives: 30 credits]	[Core: 60 credits]	[Core: 40 credits; Electives: 20 credits]	[Core: 50 credits; Electives: 10 credits]
<p><i>Full Year – Semester 1 and Semester 2</i></p> <p>BO101 Biology [15]</p> <p>LW3114 Introduction to Law [5]</p> <p>-----</p> <p><u>Semester 1</u></p> <p>ST237 Introduction to Statistical Data and Probability [5]</p> <p>-----</p> <p><u>Semester 2</u></p> <p>EV102 Hot Topics in Environmental Science [5]</p>	<p><u>Semester 1</u></p> <p>EV203 Ecological Survey Techniques [5]</p> <p>LW217 Environmental Legislation [5]</p> <p>BPS202 Fundamentals in Aquatic Plant Science [5]</p> <p>MI202 Laboratory Skills in Microbiology I [5]</p> <p>-----</p> <p><u>Semester 2</u></p> <p>BPS2101 Botanical Field Skills [5]</p> <p>ZO208 Invertebrate Biology [5]</p> <p>MI203 Laboratory Skills in Microbiology II [5]</p> <p>MI204 Microbes and the Environment [5]</p> <p>BPS203 Plant Diversity, Physiology & Adaptation [5]</p> <p>EOS2102 The Earth: From Core to Crust [10]</p> <p>ZO209 Vertebrate Zoology [5]</p>	<p><u>Semester 1</u></p> <p>EV304 Field Course with Environmental Skills [5]</p> <p>ST314 Introduction to Biostatistics [5]</p> <p>EV306 Legislation for Environmental Scientists [5]</p> <p>MI3101 Microbial Genomics [5]</p> <p>EV307 Nature Conservation & Habitat Management [5]</p> <p>BPS3102 Plant Resources and Ecosystems [5]</p> <p>-----</p> <p><u>Semester 2</u></p> <p>MI322 Environmental Microbiology [5]</p> <p>EV305 Habitat Management Planning [5]</p>	<p><i>Full Year – Semester 1 and Semester 2</i></p> <p>EV420 Project [25]</p> <p>-----</p> <p><u>Semester 2</u></p> <p>EV404 Advanced Field Course in Environmental Science [5]</p> <p>EV405 Environmental Impact Assessment [5]</p> <p>EV406 Environmental Science Seminars [5]</p> <p>MI4102 Microbial Ecosystems Services & Systems Biology [5]</p> <p>MI4103 Environmental Biotechnology [5]</p>

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ELECTIVES

Year 1	Year 2	Year 3	Year 4
<p>OPTION 1:</p> <p><u>Full Year Semester 1 and Semester 2</u></p> <p>CH101 Chemistry [15]</p> <p>PH101 Physics [15]</p> <p>OPTION 2:</p> <p><u>Full Year Semester 1 and Semester 2</u></p> <p>CP102 Chemistry/Physics [15]</p> <p><u>Semester 1:</u></p> <p>TI150 Principles of Human Geography [5]</p> <p>PS122 Introductory Psychology 1 [5]</p> <p>-----</p> <p><u>Semester 2</u></p> <p>PS124 Introductory Psychology 2 [5]</p>		<p><u>Semester 1</u></p> <p>EOS305 Introduction to Applied Field Hydrology [5]</p> <p>EOS3103 Palaeontology and Evolution [5]</p> <p>PAB3101 Soil Sciences [5]</p> <p>MI324 Immunology and Recombinant Techniques [5]</p> <p>-----</p> <p><u>Semester 2</u></p> <p>AR347 Palaeoecology - Reconstructing Past Environments [5]</p> <p>BPS3101 Techniques in Field Ecology and Conservation [5]</p> <p>BPS3104 Plant Interactions [5]</p> <p>EOS304 Aquatic Geochemistry [5]</p> <p>TI2101 Introduction To GIS [10]</p> <p>ZO315 Applied Ecology [5]</p> <p>ZO318 Geographic Information Systems and Biostatistics [5]</p> <p>ZO320 Concepts in Population and Community Ecology [5]</p>	<p><u>Full Year – Semester 1 and Semester 2</u></p> <p>ZO418 Phylogenetics & Conservation [5]</p> <p>-----</p> <p><u>Semester 1</u></p> <p>EOS3103 Palaeontology and Evolution [5]</p> <p>EOS402 Global Change [5]</p> <p>EOS418 Applied Field Hydrogeology [5]</p> <p>PAB3101 Soil Sciences [5]</p> <p>PH328 Physics of the Environment I [5]</p> <p>TI311 Advanced Gis [5]</p> <p>ZO317 Evolutionary Biology [5]</p> <p>ZO417 Marine & Coastal Ecology [5]</p> <p>-----</p> <p><u>Semester 2</u></p> <p>AR347 Palaeoecology - Reconstructing Past Environments [5]</p> <p>BPS3104 Plant Interactions [5]</p> <p>BPS405 Ecology and Conservation Issues [5]</p> <p>EOS4101 Earth Observation and Remote Sensing [5]</p> <p>PH329 Physics of the Environment II [5]</p> <p>ZO315 Applied Ecology [5]</p> <p>ZO318 Geographic Information Systems and Biostatistics [5]</p>

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