



OLLSCOIL NA GAILLIMHÉ  
UNIVERSITY OF GALWAY

Bachelor of Science Degree  
College of Science and Engineering  
2023/2024

# BSc ENVIRONMENTAL HEALTH AND SAFETY

[www.universityofgalway.ie/science-engineering/](http://www.universityofgalway.ie/science-engineering/)





# Overview

Year 1	Year 2	Year 3	Year 4
<b>[60 Credits]</b>	<b>[60 Credits]</b>	<b>[60 Credits]</b>	<b>[60 Credits]</b>
There are 45 credits of Core modules.  Choose one module to a value of 15 credits: Mathematics (Honours) Mathematical Studies	There are 60 credits of Core modules.	There are 60 credits of Core modules.	There are 60 credits of Core modules.
Module Descriptors for Years 1 to 4 are available at: <a href="https://www.universityofgalway.ie/science-engineering/undergraduateprogrammes/environmental-health-and-safety.html#course_outline">https://www.universityofgalway.ie/science-engineering/undergraduateprogrammes/environmental-health-and-safety.html#course_outline</a>			

# BSc Environmental Health and Safety

Year 1	Year 2	Year 3	Year 4
<b>[Core: 45 credits; Options: 15 credits]</b>	<b>[Core: 60 credits]</b>	<b>[Core: 60 credits]</b>	<b>[Core: 60 credits]</b>
<p><i>Full Year – Semester 1 and Semester 2</i></p> <p>BO101 <b>Biology [15]</b> CP102 <b>Chemistry/Physics [15]</b> LW3114 <b>Introduction to Law [5]</b></p> <p>MA161 <b>Mathematical Studies [15]*</b> MA180 <b>Mathematics (Honours) [15]*</b></p> <p><i>Semester 1</i></p> <p>ME1110 <b>Introduction to Environmental Health and Safety [5]</b></p> <p><i>Semester 2</i></p> <p>IE130 <b>Communications and Computing [5]</b></p>	<p><i>Full Year – Semester 1 and Semester 2</i></p> <p>ME2104 <b>Environmental Health &amp; Safety Practice [10]</b></p> <p><i>Semester 1</i></p> <p>SI2103 <b>Fundamentals of Physiology [5]</b> LW214 <b>Health &amp; Safety Law [5]</b> AN225 <b>Human Gross Anatomy [5]</b> PH328 <b>Physics of the Environment I [5]</b> ST2001 <b>Statistics for Data Science I [5]</b></p> <p><i>Semester 2</i></p> <p>CH205 <b>Analytical &amp; Environmental Chemistry [5]</b> ME5105 <b>Fundamentals of Operations Engineering [5]</b></p> <p>MI204 <b>Microbes and the Environment [5]</b> PH329 <b>Physics of the Environment II [5]</b> ME2102 <b>Safety System Design [5]</b></p>	<p><i>Full Year – Semester 1 and Semester 2</i></p> <p>ME4104 <b>Ergonomic Design of the Workplace [10]</b> HP1200 <b>Occupational Health &amp; Wellbeing [10]</b> PH3103 <b>Exposure Science [10]</b></p> <p><i>Semester 1</i></p> <p>MG524 <b>Management [5]</b> LW3117 <b>Environmental Health and Safety Law [5]</b> IE446 <b>Project Management [5]</b> IE448 <b>Safety &amp; Construction [5]</b></p> <p><i>Semester 2</i></p> <p>ME3104 <b>Introduction to Regulatory Affairs in Manufacturing [5]</b> ME353 <b>Quality Systems [5]</b></p>	<p><i>Full Year – Semester 1 and Semester 2</i></p> <p>HP1300 <b>Professional Experience Programme [20]</b> IE453 <b>Health &amp; Safety Project [15]</b></p> <p><i>Semester 2</i></p> <p>HP440 <b>Health &amp; the Work Environment [10]</b> IE323 <b>Information Systems Ergonomics [5]</b> ME4108 <b>Environmental and Safety Systems Case Studies [5]</b> ME572 <b>Human Reliability [5]</b></p>
* Select one 15-credit module			