### Overview

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>[60 Credits]</td>
<td>[60 credits]</td>
<td>[60 credits]</td>
<td>[60 credits]</td>
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</tbody>
</table>

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.

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Module Descriptors for Years 1 to 4 are available at: [http://www.nuigalway.ie/science/undergraduate-courses/health-and-safety-systems.html#course_outline](http://www.nuigalway.ie/science/undergraduate-courses/health-and-safety-systems.html#course_outline)
## BSc Environmental Health and Safety

### Year 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BO101 Biology</td>
<td>15</td>
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<tr>
<td>CP102 Chemistry/Physics</td>
<td>15</td>
</tr>
<tr>
<td>LW3114 Introduction to Law</td>
<td>5</td>
</tr>
<tr>
<td>MA161 Mathematical Studies</td>
<td>15*</td>
</tr>
<tr>
<td>MA180 Mathematics (Honours)</td>
<td>15*</td>
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</tbody>
</table>

**Semester 1**
- IE130 Communications and Computing [5]

**Semester 2**
- ME1110 Introduction to Environmental Health and Safety [5]

### Year 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ME2104 Environmental Health &amp; Safety Practice</td>
<td>10</td>
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</tbody>
</table>

**Semester 1**
- LW214 Health & Safety Law [5]
- SI210 Health & Safety Physiology [5]
- ST314 Introduction to Biostatistics [5]
- AN225 Human Gross Anatomy [5]
- PH328 Physics of the Environment I [5]

**Semester 2**
- CH205 Analytical & Environmental Chemistry [5]
- MI204 Microbes and the Environment [5]
- PH329 Physics of the Environment II [5]
- ME2102 Safety System Design [5]

### Year 3

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ME4104 Ergonomic Design of the Workplace</td>
<td>10</td>
</tr>
</tbody>
</table>

**Semester 1**
- LW117 Environmental Health and Safety Law [5]
- IE446 Project Management [5]

**Semester 2**
- ME3104 Introduction to Regulatory Affairs in Manufacturing [5]
- ME5102 Quality Systems [5]

### Year 4

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HP1300 Professional Experience Report</td>
<td>20</td>
</tr>
</tbody>
</table>
- IE453 Health & Safety Project [15]

**Semester 2**
- HP440 Health & the Work Environment [10]
- IE323 Information Systems Ergonomics [5]
- ME4108 Environmental Health and Safety Case Studies [5]

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* Select one 15-credit module

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