**Module title:** Epidemiology

<table>
<thead>
<tr>
<th>Module code:</th>
<th>EPID</th>
<th>NQF level:</th>
<th>Level 7</th>
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<tbody>
<tr>
<td>Credit value:</td>
<td>20 credits</td>
<td>Study duration:</td>
<td>12 weeks</td>
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**Module description**

This module introduces the principles and methods of epidemiology with a particular focus on public health perspectives. It combines theoretical and practical approaches to enable students to access, analyse and interpret sources of health surveillance data.

**The aims of this module are to enable students to:**
- Understand the importance of Epidemiology to the field of Public Health
- Explore Epidemiological and bio-statistic techniques
- Be introduced to future methods of disease surveillance

**Learning outcomes**

On completion of this module students will be able to:

- Understand principles of epidemiology and its role in public health practice.
- Be able to analyse and interpret trends in surveillance data
- Critique the limitations and applications of sources and types of population and health surveillance data.

**Syllabus**

- Historical developments in epidemiology; public health successes
- Understanding the measurement of disease
- Understanding, reporting and measuring risk

**Learning and teaching methods**

The module will be delivered by reading materials available on the learning platform supported by discussion forums and online lecture-casts using the Adobe Connect synchronous communication and application sharing facility. Students will be encouraged to identify and share relevant web-based resources. Self-directed learning will supplement the lecture-casts and discussions and tutors will provide direction on required readings.

**Assessment**

<table>
<thead>
<tr>
<th>Description of unit of assessment</th>
<th>Length / Duration</th>
<th>Submission Date</th>
<th>Weighting</th>
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<tbody>
<tr>
<td>2 Assessed Discussion Activities</td>
<td>2 weeks</td>
<td>Q1 and Q3</td>
<td>20%</td>
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<tr>
<td>Mid Module Assignment</td>
<td>2500 words</td>
<td>Mid term</td>
<td>40%</td>
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<tr>
<td>End of Module Project</td>
<td>2500 words</td>
<td>End term</td>
<td>40%</td>
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