

## MODULE DESCRIPTION FORM



### DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

### CL913 Public Health Studies

<b>Module Registrar:</b> Dr T K Beattie	<b>Taught To (Course):</b> MSs courses in Dept of Civil & Environmental Engineering		
<b>Other Lecturers Involved:</b>	<b>Credit Weighting:</b> 10	<b>Semester:</b> 2	
<b>Assumed Prerequisites:</b>	<b>Optional class</b>	<b>Academic Level:</b> 5	<b>Suitable for Exchange:</b> Y

#### Module Format and Delivery (HOURS i.e. 1 credit = 10hrs of study):

Lecture	Tutorial	Laboratory	Groupwork	External	Online	Project	Assignments	Private Study	Total
20							24	56	100

#### Educational Aim

This module aims to assist students in the fuller understanding of Public Health, the factors affecting it and the role of Public Health Professionals as part of a multidisciplinary team in taking preventative and proactive action in safeguarding the health of the public.

#### Learning Outcomes

On completion of the module the student is expected to be able to

**LO1** Discuss the evolution and broader dimensions of public health and understand the impact of various stressors on health (e.g. social, environmental, biological, etc)

**LO2** Discuss the role of Public Health Professionals in protecting public health

**LO3** Discuss how pest management relates to public health

#### Syllabus

The module will include the following:

- Introduction to public health and measurements of health.
- Epidemiology & Communicable diseases
- Health Impact assessment
- Private Water Supplies
- Bathing waters
- Health promotion and protection
- Public Health and Smoking
- Pest control and public health
- International health development

#### Assessment of Learning Outcomes

Criteria

For each of the Module Learning Outcomes the following criteria will be used to make judgements on student learning:

**LO1** Discuss the evolution and broader dimensions of public health and understand the impact of various stressors on health (e.g. social, environmental, biological, etc)

C1 Familiarity with the broader dimensions of health

C2 Understand the influence determinants of health have on the health of the public

C3 Familiarity with the concept and causes of health inequality

**LO2** Discuss the role of Public Health Professionals in protecting public health

C1 Familiarity with the concept of health improvement and the different approaches that can be taken to improve public health

C2 Understanding of Health Protection and the services provided by various organisations to protect the health of the public

C3 Familiarity with Health Impact Assessment

**LO3** Discuss how pest management relates to public health

C1 Familiarity with the concept of Integrated Pest Management

C2 Understand how pests are managed through design and environmental management

C3 Familiarity with the ERD concept - Exclusion, Restriction and Destruction.

The standards set for each criterion per Module Learning Outcome to achieve a pass grade are indicated on the assessment sheet for all assessment.

### Principles of Assessment and Feedback

(within Assessment and Feedback Policy at: <https://www.strath.ac.uk/staff/policies/academic/> )

Please state briefly how these are incorporated in this module.

Information issued at start of Semester includes simple & clear guidance on the overall assessment load throughout the Semester. Expectations in terms of time and effort are outlined clearly in the presentation of each assignment. These expectations are communicated clearly in class. Weightings for each assignment underscore the time expectations.

Students are given opportunities to engage in optional assessments using carefully managed mechanisms of only counting the contribution of this work if these marks are in the student's favour. This encourages more able students to try to achieve higher overall marks by taking their learning to a more advanced level, while at the same time avoiding overly penalising overloaded and/or less-able students who may be overwhelmed by the additional workload.

Criterion based feedback to students is an integral part of teaching. This is collated into 'generic' feedback that is shared with the whole class, to complement individual feedback for each student. The generic feedback is particularly useful inasmuch as any common or recurring difficulties experienced by many in the class could suggest ways in which teaching and guidance could be improved. The individual feedback is directed at how each student can improve, in all cases avoiding comparisons between students. Feedback sheets provide information allowing students to compare their work to the expectations for each assignment and reflect on improvements for future work.

Information issued at the start of the class, includes simple & clear guidance on performance criteria by reference to the University Guidance on Marking for Undergraduate Courses\*. Reference is made to equivalent p/g marking schemes in MSc handbooks. Marking criteria are outlined clearly in the assignment handout and multiple opportunities for clarification are available in class. Feedback sheets demonstrate what constitutes "excellent" work.

\*Guidance on Marking for Undergraduate Courses: <https://www.strath.ac.uk/staff/policies/academic/>

The course includes some assessment scenarios where creativity and ability to solve open-ended problems are valued. In such scenarios tightly specified goals or outcomes in advance may be inappropriate. Instead students are guided about the nature of the assignment and actively engaged in making their own judgements about what would constitute quality.

### Assessment Method(s) Including Percentage Breakdown and Duration of Exams

	Examinations				Courseworks		Projects	
	Number	Month(s)	Duration	Weighting	Number	Weighting	Number	Weighting
	1		2 hours	60	2	40		
L/Outcomes	1-3				1-3			

Indicate which learning outcomes (L01, L02 etc) are to be assessed by exam/coursework/project as required.

**Coursework / Submissions deadlines (academic weeks):**

Class test week 7

Presentation week 11

**Resit Assessment Procedures:**

The class registrar will inform the student of the details of the resit assessment after the June exam board. The resit will either be an exam during the August exam diet or a coursework due for submission in August; the submission will be worth 100% of the resit mark.

**PLEASE NOTE:**

Students must gain a summative mark of 50% to pass the module. Students who fail the module at the first attempt will be re-examined during the August diet. This re-examination will consist entirely of exam or coursework. No marks from any previous attempts will be transferred to a new resit attempt.

**Recommended Reading****For reference**

- Health Promotion – foundation for practice, Naidoo & Wills, 2002, 2<sup>nd</sup> Ed
- Public Health & Health Promotion – Developing practice, Naidoo & Wills, 2005, 2<sup>nd</sup> Ed,
- Health Studies: An Introduction, Naidoo & Wills, 2001,
- Essential Public Health, Donaldson & Donaldson, 2003, 2<sup>nd</sup> edition,
- An introduction to Public Health and Epidemiology, Carr et al, 2007, 2<sup>nd</sup> edition, Open University Press

**Additional Student Feedback**

*(Please specify details of when additional feedback will be provided)*

Date	Time	Room No

Session:

**Approved:****Course Director Signature: Dr Tara K. Beattie****Date of Last Modifications: 10/09/24**

(Updated May 2018)

## MODULE TIMETABLE

**Module Code:**

**CL913**

**Module Title:**

Public Health Studies

### Brief Description of Assessment:

Class test (25%)

Public Health presentation (15%) – topic of students choice

Examination (60%)

### Assessment Timing:-

Indicate on the table below the start/submission dates for each assignment/project and the timing of each exam/assessment using the dropdowns provided. Dropdowns can be left blank. Add extra notes below the dropdowns.

**Please note: Timings can and will change, this should only be used as a guide.**

Semester One	W&D Wk	WK1	WK2	WK3	WK4	WK5	WK6	WK7	WK8	WK9	WK10	WK11	Exam Period
	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item.

Semester Two	C&D Wk	WK1	WK2	WK3	WK4	WK5	WK6	WK7	WK8	WK9	WK10	WK11	Exam Period
	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Class Test Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Choose an item. Choose an item.	Present ation Choose an item.	Exam