



Module Descriptor Form

Civil and Environmental Engineering

CL913 - Public Health Studies

Module Code	CL913	Module Title	Public Health Studies				
Module Registrar	Beattie, Dr Tara K						
Other Staff Involved							
Credit Weighting	10	Semester	2	Elective	Yes	Academic Level	5
Pre-requisites							
Required for							

Module Format and Delivery (hours):

Lectures	Tutorials	Assignments	Labs	Private Study	Total
18	2	20	0	60	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

Syllabus

This module will teach 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.

Learning Outcomes

On Completion of the module, the student is expected to be able to:

LO: 1	Discuss the evolution and broader dimensions of public health and understand the impact of various stressors on health (e.g. social, environmental, biological, etc)
LO: 2	Discuss the role of Public Health Professionals in protecting public health
LO: 3	Discuss how pest management relates to public health

(UK SPEC suggests no more than 4 learning outcomes per module. Statements must be broad and be syllabus free and link in with the intended learning outcomes on the programme specifications.)

Assessment of Learning Outcomes - Criteria

Learning Outcome: 1

	Criteria
1	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

Learning Outcome: 2

	Criteria
1	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

Learning Outcome: 3

	Criteria
1	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.

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

To Pass the module, students need to gain a summative mark of: 50%

Description	Semester	Start Week	Duration	Weight	Submission Week	Linked Criteria
Class test. Closed Book	2		1.00	25%	7	
Public Health Presentation	2			15%	11	
Exam. Closed Book	2		2.00	60%	E	

Principles of Assessment Feedback

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.

Additional Information

Resit Procedure

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.

Recommended Reading

The course was developed around the following text books – however any public health text book will be suitable for background reading.

Health Promotion – foundation for practice, Naidoo & Wills, 2002, 2nd Ed

Public Health & Health Promotion – Developing practice, Naidoo & Wills, 2005, 2nd Ed,

Health Studies: An Introduction, Naidoo & Wills, 2001,

Essential Public Health, Donaldson & Donaldson, 2003, 2nd edition,

An introduction to Public Health and Epidemiology, Carr et al, 2007, 2nd edition, Open University Press

Module Timetable

Week	Semester 1	Semester 2
0		
1		
2		
3		
4		
5		
6		
7		Test 25%
8		
9		
10		
11		In Person 15%
E		Examination 60%

Date of Last Modification

06-11-2025