



Module Specification

Environmental Assessment

Version: 2024-25, v4.0, 29 Jul 2024

Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	3
Part 4: Assessment.....	5
Part 5: Contributes towards	6

Part 1: Information

Module title: Environmental Assessment

Module code: UBGMPD-15-3

Level: Level 6

For implementation from: 2024-25

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Arts, Technology and Environment

School: CATE School of Engineering

Partner institutions: None

Field: Engineering, Design and Mathematics

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: See Learning Outcomes.

In addition the educational experience may explore, develop, and practise but not formally discretely assess the following:

Team work

Scheduling and recording work tasks

Outline syllabus: The syllabus includes:

Role of statutory bodies in Environmental management and promotion of sustainability in the UK, including the Environment Agency.

EU and UK legislative framework and requirements for EIA in the Town and Country Planning (Environmental Impact Assessment) (England and Wales), The Environmental Impact Assessment (Land Drainage Improvement Works) and The Water Resources (Environmental Impact Assessment) (England and Wales).

Components of EIA process; scoping, impact assessment; reporting; decision making, review of Environmental Statements, including best practice in undertaking EIAs.

Understand the collection of baseline data and the interpretation of this data.

Overview of Strategic Environmental Assessment and planning for sustainability in construction and new developments.

Corporate Sustainability Reporting and environmental reporting; holding businesses accountable for their sustainability performance.

Public consultation and participation in environmental decision making.

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning on this module comprises a programme of lectures, practicals and field visit(s). Additional resources will be made available online.

Learning will be directed and paced through a series of lectures and formative tasks in class, which links to the assignment and formative feedback can be given and discussed.

The tasks will be based upon, and therefore lead students through; case study material available online, the core texts and web sites. The tasks will focus learning

on the key module themes, and feedback will enable progress to be gauged. Feedback will be given through class based discussion.

On-going tutoring advice is available by attendance, mail, electronic mail or telephone contact.

Independent learning includes time engaged with essential reading, practical completion and examination preparation.

This module will be taught through blended learning. The module will be delivered by means of a series of block week lectures, workshops and field visit(s), followed up by online tutoring and directed learning based on online resources.

The amount of time spent on activities in this module is:

Activity:

Contact time: 30 hours

Assimilation and development of knowledge: 120 hours

Total study time: 150 hours

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Critically evaluate a wide range of approaches to promoting sustainability, both statutory and voluntary, especially in the construction and development to understand their inter- relationships in the context of the current national regulations relating to town and country planning and environmental impact assessments.

MO2 Understand and apply best practice principles to approaches that aim to incorporate sustainability into all stages of the development life-cycle including planning, construction, operation and business management, through to decommissioning and re-use of sites and materials

MO3 Formulate an approach and plan of study for an impact assessment, including recommending appropriate EIA techniques, public participation and

consultation provisions and presentation of findings in line with government best practice guidance

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 120 hours

Face-to-face learning = 30 hours

Total = 0

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ubgmpd-15-3.html) via the following link <https://uwe.rl.talis.com/modules/ubgmpd-15-3.html>

Part 4: Assessment

Assessment strategy: Formative Assessment:

In class discussions of practical exercises, including field visits, which develop lecture material within the context of case studies. The exercises will focus on real developments.

A group presentation lasting 15-20 minutes where each group will focus on all the different statements of the EIA which is a practical task based on a development proposal. Answers will be assessed according to the following:

Critical appraisal of the environmental impacts of the development.

Reference to and incorporation of best practice approaches.

A professional standard of report presentation.

Summative Assessment:

NTS Report - A report to develop a Non-Technical summary based on the whole module of learning and developed on from the formative group work. Answers will be assessed according to the following criteria:

This work should include the field data and the practical data.

Clear understanding of how the construction will influence this data.

Structure and organisation.

Evidence of background reading.

Clarity, coherence and depth of argument.

Standards of literacy and presentation.

Resit

As above

Assessment tasks:

Report (First Sit)

Description: NTS Report 2000 words plus 1000 words equivalent in maps/figures in the report

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Report (Resit)

Description: NTS Report 2000 words plus 1000 words equivalent in maps/figures in this report

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Civil and Environmental Engineering [Sep][PT][Frenchay][7yrs] - Not Running MEng 2020-21

Civil and Environmental Engineering [Sep][PT][Frenchay][5yrs] - Not Running BEng (Hons) 2020-21

Civil and Environmental Engineering {Foundation} [Sep][SW][Frenchay][5yrs] - Not Running BEng (Hons) 2020-21

Civil and Environmental Engineering {Apprenticeship-UWE} [Sep][FT][Frenchay][5yrs] - Not Running BEng (Hons) 2020-21

Civil Engineering {Foundation} [Sep][SW][Frenchay][5yrs] BEng (Hons) 2020-21

Civil Engineering [Sep][PT][Frenchay][5yrs] BEng (Hons) 2020-21

Civil Engineering {Apprenticeship-UWE} [Sep][FT][Frenchay][5yrs] BEng (Hons) 2020-21

Civil Engineering [Sep][PT][Frenchay][7yrs] MEng 2020-21

Civil Engineering [Sep][SW][Frenchay][5yrs] MEng 2021-22

Civil and Environmental Engineering [Sep][SW][Frenchay][4yrs] - Not Running BEng (Hons) 2021-22

Civil and Environmental Engineering {Foundation} [Sep][FT][Frenchay][4yrs] - Not Running BEng (Hons) 2021-22

Civil Engineering [Sep][SW][Frenchay][4yrs] BEng (Hons) 2021-22

Civil Engineering {Foundation} [Sep][FT][Frenchay][4yrs] BEng (Hons) 2021-22

Civil and Environmental Engineering [Sep][FT][Frenchay][3yrs] - Not Running BEng (Hons) 2022-23

Civil Engineering [Frenchay] BEng (Hons) 2022-23

Civil Engineering [Frenchay] MEng 2022-23