



Programme Specification

Civil Engineering Studies [Frenchay]

Version: 2022-23, v0,

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Section 1: Key Programme Details

Part A: Programme Information

Programme title: Civil Engineering Studies [Frenchay]

Highest award: BSc (Hons) Civil Engineering Studies

Interim award: BSc Civil Engineering Studies

Interim award: DipHE Civil Engineering Studies

Interim award: CertHE Civil Engineering Studies

Awarding institution: UWE Bristol

Affiliated institutions: Not applicable

Teaching institutions: UWE Bristol

Study abroad: No

Year abroad: No

Sandwich year: Yes

Credit recognition: No

School responsible for the programme: FET Dept of Geography & Environmental
Mgmt, Faculty of Environment & Technology

Contributing schools: Not applicable

Professional, statutory or regulatory bodies: Not applicable

Apprenticeship: Not applicable

Mode of delivery: Full-time, Sandwich

Entry requirements: For the current entry requirements see the UWE public website.

For implementation from: 01 September 2018

Programme code: H20E00

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: This programme is designed for students who are unable to complete their original programme of study, due to failure in one or more core modules. It is intended to provide a flexible opportunity for students to continue to study to degree level in their broad discipline area.

Students may not enroll directly onto this programme.

Educational Aims: The following general aims apply:

To equip students with a range of skills and knowledge that will enable them to embark on graduate careers or further study in higher education.

To foster in students the interest and ability to become independent life long learners, able to reflect critically both on their practice and that of others.

Programme Learning Outcomes:

On successful completion of this programme graduates will achieve the following learning outcomes.

Knowledge and Understanding

- A1. The structure and workings of civil engineering and its associated professions.
- A2. Key topics in the area of civil engineering, including structural engineering, ground engineering, highway engineering, fluid mechanics and hydrology.
- A3. Methods, modeling techniques, and concepts in civil engineering.
- A4. The role of the professional engineer within the broader social context and of environmental and ethical issues relating to their work as an engineer.

A5. The impact of the sustainability agenda on their chosen field of study.

Intellectual Skills

- B1. Analyze and synthesize issues, information, and perspectives relating to different scenarios in civil engineering.
- B2. Approach problem solving creatively effectively and dynamically.
- B3. Critically appraise and evaluate alternative ideas and solutions.
- B4. Bring a broad ethical perspective to the profession including environmental and social awareness.

Subject/Professional Practice Skills

- C1. Select and use appropriate methods and techniques to analyse / design / develop civil engineering solutions.
- C2. Appraise the environmental, social and consequences of decisions and designs.
- C3. Use technical equipment (including surveying and laboratory equipment) competently in practical engineering activities.
- C4. Employ a variety of technical methods of analyzing presenting and interpreting information.
- C5. Understand and comply with relevant legislation and professional standards pertaining to practice in civil engineering.
- C6. Demonstrate a clear appreciation of the health and safety responsibilities for a professional engineer working in industry.

Transferable Skills and other attributes

- D1. Communicate effectively, both verbally and in writing, using a wide range of media.
- D2. Work independently and as part of a team.
- D3. Demonstrate the ability to plan, manage and complete a range of tasks to meet deadlines.
- D4. Read and make appropriate use of academic and professional literature.

- D5. Use appropriate information and communication technologies to advance their understanding and command of the discipline area.
- D7. Undertake self-appraisal and reflection and formulate plans for continuing professional development.

Part B: Programme Structure

Year 1

There are no compulsory modules at this stage of the award.

Full-time and Sandwich students must take 120 credits at level 4 and can choose any module from the Civil Engineering field subject to pre-requisites that may apply.

BEng(Hons) Civil Engineering
 BSc(Hons) Geography
 BSc(Hons) Urban Planning
 BSc(Hons) Environmental Management
 BSc(Hons) Construction Project Management
 BEng(Hons) Mechanical Engineering
 BEng(Hons) Electronic Engineering

| Module Code | Module Title | Credit |
|-------------|---------------------------------------|--------|
| FETOPT | FET Optional Module Portfolio 2022-23 | 0 |

Year 2

There are no compulsory modules at this stage of the award.

Full-time and Sandwich students must take 120 credits at level 5 and can choose any module from the Civil Engineering field subject to pre-requisites that may apply.

BEng(Hons) Civil Engineering
 BSc(Hons) Geography
 BSc(Hons) Urban Planning
 BSc (Hons) Environmental Management
 BSc(Hons) Construction Project Management
 BEng(Hons) Mechanical Engineering
 BEng(Hons) Electronic Engineering

| Module Code | Module Title | Credit |
|-------------|---------------------------------------|--------|
| FETOPT | FET Optional Module Portfolio 2023-24 | 0 |

Year 3

Sandwich students on this programme can choose to take an optional placement year. Students who select this option are required to take UBGLVX-15-3 Placement.

There are no compulsory modules at this stage of the award.

Full-time students must take 120 credits at level 6 and can choose any module from the Civil Engineering field subject to pre-requisites that may apply.

BEng(Hons) Civil Engineering
 BSc(Hons) Geography
 BSc(Hons) Urban Planning
 BSc(Hons) Environmental Management
 BSc(Hons) Construction Project Management
 BEng(Hons) Mechanical Engineering
 BEng(Hons) Electronic Engineering

| Module Code | Module Title | Credit |
|--------------------|---------------------------------------|---------------|
| FETOPT | FET Optional Module Portfolio 2024-25 | 0 |

Year 4

There are no compulsory modules at this stage of the award.

Sandwich students must take 105 credits at level 6 and can choose any module from the Civil Engineering field subject to pre-requisites that may apply.

BEng(Hons) Civil Engineering
 BSc(Hons) Geography
 BSc(Hons) Urban Planning
 BSc(Hons) Environmental Management
 BSc(Hons) Construction Project Management
 BEng(Hons) Mechanical Engineering
 BEng(Hons) Electronic Engineering

| Module Code | Module Title | Credit |
|--------------------|---------------------------------------|---------------|
| FETOPT | FET Optional Module Portfolio 2025-26 | 0 |

Part C: Higher Education Achievement Record (HEAR) Synopsis

Part D: External Reference Points and Benchmarks

Description of how the following reference points and benchmarks have been used in the design of the programme:

QAA subject benchmark statements

The programme draws on the benchmark statements in Engineering.

Details are set out in the learning outcomes.

University strategies and policies

This programme aligns with the Faculties Teaching and Learning Strategy which in turn is aligned with the University's 2030 strategy. The programme supports the faculty's aim to provide a high quality undergraduate experience by ensuring the curricula is dynamic, responsive, contemporary and relevant.

Staff research projects

Staff responsible for the teaching of structures, environmental and management subjects have an established research and consultancy base. This allows them to bring latest issues into the syllabus.

Employer interaction and feedback

The course team have excellent links with local employers who advise the course team on the content and structure of the programme through an Industrial Advisory Board on which a range of local and national employers and professional body representatives sit.

Part E: Regulations

Approved to University Regulations and Procedures.