University of Suffolk

DEFINITIVE COURSE RECORD

Course Title	**BSc (Hons) Civil Engineering [progression route]**
Awarding Bodies	**University of Suffolk**
Level of Award[1]	**FHEQ Level 6**
Professional, Statutory and Regulatory Bodies Recognition	**Joint Board of Moderators (JBM)**
Credit Structure[2]	**360 Credits** **Level 6: 120 Credits** **Advanced standing of 240 credits at level 4 and 5**
Mode of Attendance	**Part-time**
Standard Length of Course[3]	**2 years**
Intended Award	**BSc (Hons) Civil Engineering**
Named Exit Awards	**BSc Civil Engineering**
Entry Requirements[4]	**Typical Offer:** ● **Appropriate Foundation Degree (or equivalent)**
Delivering Institution(s)	**University of Suffolk at Suffolk New College**
UCAS Code	**N/A**

This definitive record sets out the essential features and characteristics of the BSc (Hons) Civil Engineering [progression route] course. The information provided is accurate for students entering level 6 in the 2027-28 academic year.[5]

Course Summary

The BSc (Hons) route leads to incorporated engineer status within the Institute of Civil Engineers or the Institute of Structural Engineers. It enables the opportunity to become an incorporated civil or structural engineer dealing with the practical aspects of translating designs into reality through a range of drawings, work schedules, material selection and control of the work on site. The course will develop the skills, knowledge and understanding that you have undertaken at levels 4 and 5.

The course has very strong links with industry and is delivered on a part-time day release basis and is specifically aimed at students who are working within the industry and being sponsored in their studies by their employers.

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[1] For an explanation of the levels of higher education study, see the QAA Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2024)

[2] All academic credit awarded as a result of study at the University adheres to the Higher education credit framework for England.

[3] Where the course is delivered both full-time and part-time, the standard length of course is provided for the full-time mode of attendance only. The length of the part-time course is variable and dependent upon the intensity of study. Further information about mode of study and maximum registration periods can be found in the Framework and Regulations for Undergraduate Awards.

[4] Details of standard entry requirements can be found in the Admissions Policy and further details about Disclosure and Barring Checks (DBS) can be found on the University's DBS webpage.

[5] The University reserves the right to make changes to course content, structure, teaching and assessment as outlined in the Admissions Policy.

Course Aims

Overall, the Civil Engineering student will be able to demonstrate:

1. Gain a depth of knowledge and understanding of the most up to date practices and theories in Civil Engineering
2. Critically apply techniques for analysing and solving problems arising in various Civil Engineering projects and exercise leadership within a team.
3. Evaluate the role of the engineer as an important professional in society and the built environment.
4. Critically address complex issues both systematically and creatively, make sound judgements in the absence of complete data, be aware of wider social and environmental issues and communicate conclusions clearly to specialist and non-specialist audiences
5. Demonstrate self-direction and originality in solving problems, and act autonomously in planning and implementing tasks at a professional level

Students will have the opportunity to demonstrate their achievement in relation to these issues, through their coursework and performance on the programme.

Course Learning Outcomes

The following statements define what students graduating from the BSc (Hons) Civil Engineering [progression route] course will have been judged to have demonstrated in order to achieve the award. These statements, known as learning outcomes, have been formally approved as aligned with the generic qualification descriptor for level 6 awards as set out by the UK Quality Assurance Agency (QAA)[6].

Level 6

Upon successful completion of BSc (Hons) Civil Engineering [Progression route], you will be able to:

1. Critically apply knowledge and understanding of the essential facts, concepts, theories and principles relating to a wide range of engineering situations
2. Identify and critically analyse the relationship between the different aspects of the Civil Engineering profession, and interconnected disciplines.
3. Critically understand the health and safety, social, environmental, ethical, economic and commercial implications of the work of the Civil Engineer.
4. Utilise appropriate quantitative scientific and engineering tools to the analysis of problems.

[6] As set out in the QAA Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2024)

5. Formulate creative, innovative, economically viable, secure, politically acceptable and sustainable solutions.

6. Analyse problems using appropriate combinations of theoretical understanding, research, computer software and laboratory experimentation.

7. Apply leadership, teamwork, and professional communication skills in multidisciplinary project work, research and academic study

8. Systematically recognise the importance of continual professional development and keeping abreast of the latest developments in the industry.

9. Design, conduct and critically evaluate an issue relating to civil engineering using appropriate methodologies to present a dissertation with well supported conclusions, recommendations and solutions. This will be compiled and presented as a dissertation.

Course Design
The design of this course has been guided by the following QAA Benchmarks /Professional Standards:

QAA Benchmarks:

- Engineering (2023)

Professional Standards:

- Joint Board of Moderators (JBM);
- UK-SPEC Engineering Technician, Incorporated Engineer and Chartered Engineer Standard

Course Structure
The BSc (Hons) Civil Engineering [progression route] comprises modules at level 6.

Module Specifications for each of these modules are included within the course handbook, available to students on-line at the beginning of each academic year.

	Module	Credits	Module Type[7]
Level 6			
	Materials Technology B	20	M
	Geotechnical Engineering	20	M
	Structural Analysis and Design B	20	M
	Managing Civil Engineering Projects	20	M

[7] Modules are designated as either mandatory (M), requisite (R) or optional (O). For definitions, see the Framework and Regulations for Undergraduate Awards

	Dissertation	40	M

Awards
On successful completion of the course, students will be awarded a BSc (Hons) Civil Engineering. If a student leaves the course early, they may be eligible for a BSc Civil Engineering upon successful completion of 300 credits including 120 credits at levels 4 and 5 (RPL credit from University of Suffolk FdSc Civil Engineering only) and at least 60 credits at level 6.

Course Delivery
The course is delivered at the University of Suffolk at Suffolk New College. Students studying part-time on BSc (Hons) Civil Engineering [progression route] are likely to have approximately 7 contact hours per week. The contact hours will be a mix of lectures, individual and group exercises and practical work. Students will normally be expected to undertake approximately 13 hours of independent study in an average week but should be prepared for this to vary based on assignment deadlines and class exercises.

Course Assessment
A variety of assessments will be used on the course to enable students to experience and adapt to different assessment styles. The assessment methods used will be appropriate to assess each module's intended learning outcomes. Assessment on the course will be a combination of coursework and exams, coursework will include reports, case studies and practical work write ups. Assessments including the dissertation make up approximately 55% of the assessment load with examinations totalling approximately 45% of the assessment load.

Special Features
This programme is accredited by the Joint Board of Moderators (JBM). Holders of this qualification fully satisfy the education base for an Engineering Technician (EngTech) and the educational base for an Incorporated Engineer (IEng).

Course Team
The academic staff delivering this course are drawn from a team that includes teaching specialists and current practitioners. All staff are qualified in their subjects with their own specialist knowledge to contribute.

Course Costs
Students undertaking BSc (Hons) Civil Engineering [progression route] will be charged tuition fees as detailed below:

Student Group	Tuition Fees
Full-time UK	Not applicable
Part-time UK	£1,675 per 20 credit module
Full-time EU/International	Not applicable
Part-time EU/International	Not applicable

Payment of tuition fees is due at the time of enrolment and is managed in accordance with the Tuition Fee Policy.

Additionally students may be required to pay for transport if any site visits are organised. Student may also be advised to spend up to £60 per year on books but this is not compulsory.

Academic Framework and Regulations

University of Suffolk

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This course is delivered according to the Framework and Regulations for Undergraduate Awards and other academic policies and procedures of the University and published on the website.