



Course information for applicants

This information applies to the course as it will be delivered to students starting the course in 2027/28.
Information provided here was confirmed on 01/09/2026

General information

Programme code

CIVIL

Target award

If you complete this course successfully you will be eligible for the award of:
BSc (Hons) Civil Engineering

Delivery mode

- ☒ On campus
☐ Distance learning

Where you will study

The majority of teaching will be at City campus but on occasion may be at Headingley campus.

Professional accreditation or recognition

Professional body

Joint Board of Moderators (JBM)

Summary of the accreditation or recognition

This degree is accredited as fully satisfying the educational base for an Incorporated Engineer (IEng).

Successful completion of this accredited programme provides eligibility to apply for registration with the ICE as an Incorporated Engineer (IEng) with appropriate work-based learning (normally around 3-5 years after graduation). This is sat via professional review and examination.

Awarding body

Leeds Beckett University

Regulator

Office for Students

Level of qualification

Level 6 of the Framework for Higher Education Qualifications

Course duration

If you are made an offer of a place on the course, your offer letter will include the start date.

This course can be studied:

3 years, full-time

4 years, full-time with a sandwich year

5 years, part-time

Part-time study

This course can be studied part-time.

If you study the course part-time, it will usually take twice as long to complete compared with the equivalent full-time course. The modules may be delivered in a different sequence than on the full-time course, but you will study the same modules at each academic level. With the agreement of the course team, you may be able to increase your pace of study to shorten the overall course duration.

As a part-time student, you will not usually have the option of a work placement.

Work placement

This course includes an optional non-credit bearing placement

Placement Delivery

The placement will be a minimum length of 44 weeks but can be longer by negotiation.

Location

Placement location will vary dependant on the opportunity.

Approval

Whilst students source their own placements, they will need to meet requirements which will be outlined before module enrolment.

Entry requirements

Admissions criteria are available on the online prospectus entry for this course.

If you have previous relevant qualifications or experience, you could be exempt from certain parts of your course. Recognition of prior learning (RPL) allows you to start your course at a point appropriate to the learning and skills that you may have developed in a professional, vocational or community setting.

Find out more here: <https://www.leedsbeckett.ac.uk/student-information/course-information/recognition-of-prior-learning>

If you have questions about entry requirements and admissions, contact AdmissionsEnquiries@leedsbeckett.ac.uk

Course fees

Course fees and a breakdown of any additional costs is included on the online prospectus entry for this course.

If you have questions about fees for this course, contact Fees@leedsbeckett.ac.uk

Timetable

You will receive your full timetable for the year during induction week.

What you will study

Course aims

The aims of the course are to:

- To provide the knowledge and understanding of the scientific, mathematical and engineering principles and methodologies that underpin Civil Engineering
- To enable students to undertake independent critical analysis, enhancing their intellectual development and developing their ability to produce optimal solutions to complex engineering problems
- To develop a range of graduate skills relevant to a career in the modern civil engineering industry including all forms of digital and multi-media communication, problem-solving, individual motivation and team working.
- To ensure that successful graduates will have the potential to contribute to advances in engineering and be capable of accepting extensive managerial responsibilities
- To establish an appropriate foundation for a lifetime of continuing professional development
- The programme also aims to provide the educational requirements for graduate membership of ICE and engineering council accreditation for IEng status

Teaching and learning activities

All modules on the course are designed for formal lecture-based delivery, accompanied by tutorial, laboratory practical and fieldwork sessions to consolidate student learning and enhance the student experience.

Student support and pastoral care is provided by the course team via a dedicated course administrator as well as subject specialist tutors, personal tutors, module leaders, level tutors and the course leader. In addition, the team operate an open access policy which gives students easy access to academics outside of taught sessions.

Emphasis is placed on the application of engineering principles to the practical solution of increasingly complex engineering problems. Aspects of the course which are particularly relevant to professional and transferable skills development and employability are:

- A broad range of study covering both technical and management-based subjects which build knowledge, understanding and application across levels.
- Design solutions to practical problems. Initially simple problems with tutor lead design solutions. The problems presented become increasingly complex, necessitating imagination and judgement in developing a practical solution. At all levels, the design problems are case study based and relevant to current industry practice.
- Hands-on experience in IT, Surveying and laboratory testing. Again, at Level 4, these exercises are basic and tutor led. As the course progresses, students work to less detailed briefs and are expected to develop innovative solutions based on experience.
- The PSRB requires that threads (Design, Health Safety and Risk Management, Sustainability) permeate the curriculum both horizontally and vertically and this is embedded in the modular content.

Course structure

This information is correct for students progressing through the course within standard timescales. If you have to repeat study or take time out during your course, you may be taught alternative modules which meet the overall course learning outcomes.

The option modules listed may vary. Those listed here are likely to be offered in a typical year.

Full-Time Delivery

Level 4

Compulsory modules

Module title	Credits	Semester/teaching period
Civil Engineering Management A	20	S1 / Year 1
Civil Engineering Mathematics	20	S1 / Year 1
Civil Engineering Project	20	S1 & 2 / Year 1
Surveying A and CAD	20	S1 & 2 / Year 1
Engineering Mechanics	20	S2 / Year 1
Engineering Materials Science	20	S2 / Year 1
Total number of credits of compulsory modules:	120	

Level 5

Compulsory modules

Module title	Credits	Semester/teaching period
Civil Engineering Management B	20	S1 / Year 2
Geotechnical Engineering A	20	S1 / Year 2
Structural Design	20	S1 / Year 2
Engineering Materials Technology	20	S2 / Year 2
Highway Engineering A	20	S2 / Year 2
Total number of credits of compulsory modules:	100	

Option modules

Module title	Credits	Semester/teaching period
Introduction to Structural Analysis with Project Design	20	S2 / Year 2
Structural Analysis*	20	S2 / Year 2
Total number of credits of elective modules a student must enrol on:	20	

*A pre-requisite of performance in the Level 4 module Engineering Mechanics is in place on this elective module to ensure reasonable chance of success.

Level 6

Compulsory modules

Module title	Credits	Semester/teaching period
Civil Engineering Major Project*	40	S1 & 2 / Year 3
Civil Engineering Dissertation*	40	S1 & 2 / Year 3
Quantitative Methods for Decision Making	20	S1 & 2 / Year 3

Hydraulics and Water Engineering	20	S1 & 2 / Year 3
Total number of credits of compulsory modules:	80	

*The Civil Engineering Dissertation is an option of high achieving students instead of the Civil Engineering Major Project. See module specification for details.

Option modules

Module title	Credits	Semester/teaching period
Structural Engineering	20	S1 / Year 3
Highway Engineering	20	S1 / Year 3
Geotechnical Engineering B	20	S2 / Year 3
Infrastructure Asset Management	20	S2 / Year 3
Total number of credits of elective modules a student must enrol on:	40	

Part-Time Delivery

Level 4

Compulsory modules

Module title	Credits	Semester/teaching period
Civil Engineering Management A	20	S1 / Year 1
Engineering Mathematics	20	S1 / Year 1
Site Surveying and CAD	20	S2 / Year 1
Engineering Materials Science	20	S2 / Year 1
Engineering Mechanics	20	S1 / Year 2
Civil Engineering Technology Project	20	S1 / Year 2
Total number of credits of compulsory modules:	120	

Level 5

Compulsory modules

Module title	Credits	Semester/teaching period
Engineering Materials Technology	20	S2 / Year 2
Civil Engineering Management B	20	S2 / Year 2
Geotechnical Engineering A	20	S1 / Year 3
Structural Design	20	S1 / Year 3
Highway Engineering A	20	S2 / Year 3
Total number of credits of compulsory modules:	100	

Option modules

Module title	Credits	Semester/teaching period
Introduction to Structural Analysis with Project Design	20	S2 / Year 3
Structural Analysis*	20	S2 / Year 3
Total number of credits of elective modules a student must enrol on:	20	

*A pre-requisite of performance in the Level 4 module Engineering Mechanics is in place on this elective module to ensure reasonable chance of success.

Level 6

Compulsory modules

Module title	Credits	Semester/teaching period
Hydraulics and Water Engineering	20	S1 & 2 / Year 4
Civil Engineering Major Project*	20	S1 & 2 / Year 4
Quantitative Methods for Decision Making	40	S1 & 2 / Year 4
Total number of credits of compulsory modules:	80	

*The Civil Engineering Dissertation is an option of high achieving students instead of the Civil Engineering Major Project. See module specification for details.

Option modules

Module title	Credits	Semester/teaching period
Structural Engineering	20	S1 / Year 4
Highway Engineering B	20	S1 / Year 4
Geotechnical Engineering B	20	S2 / Year 4
Infrastructure Asset Management	20	S2 / Year 4
Total number of credits of elective modules a student must enrol on:	40	

Assessment and feedback

The balance of assessment may change depending on which option modules you choose.

Level 4

Level 4 is assessed predominantly by examinations, with some coursework

Level 5

Level 5 is assessed predominantly by examinations, with some coursework

Level 6

Level 6 is assessed predominantly by coursework, by some examinations

Workload

You can expect to spend a total of 100 hours learning per 10 credits.

Typically, a student on this course can expect to divide their time like this:

Overall workload	Level 4	Level 5	Placement year (if chosen)	Level 6
Teaching, learning and assessment	50-60 hours	50 hours		40-50 hours
Independent study	140-150 hours	150 hours		150-160 hours
Placement (optional)			44 weeks	