LEEDS BECKETT UNIVERSITY

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
BECIV

Target award
If you complete this course successfully you will be eligible for the award of:
BEng (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
The Joint Board of Moderators (JBM)

Summary of the accreditation or recognition
This degree is designed to fully satisfy the educational base for an Incorporated Engineer (IEng) and partially satisfying the educational base Chartered Engineer (CEng). N.B. as normal with qualifications of this type, a programme of accredited further learning would be required to complete the educational base for CEng. See www.jbm.org.uk for further information.

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 sandwich 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:

- Provide the knowledge and understanding of the scientific and mathematical principles and methodologies that underpin Civil Engineering
- Develop the skills necessary to allow students to be creative and produce innovative solutions to engineering problems
- Facilitate access to a range of practical skills through IT applications, laboratory investigations, surveying and through project work
- Develop a range of graduate skills relevant to a career in the modern civil engineering industry including all forms of communication, problem-solving, individual motivation and team working.
- To establish an appropriate foundation for a lifetime of continuing professional development.
- To enable students to undertake independent critical analysis, enhancing their intellectual development and developing their ability to produce optimal solutions to complex engineering problems

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 practical application of technical engineering principles to provide solutions for increasingly complex engineering problems. Aspects of the course which are particularly relevant to professional and transferable skills development and employability are:

- Exposure to industry standard software for analysis, design and drawing. Students are also taught the latest Eurocode design standards and the government endorsed NEC3 Contracts.
- Exposure to professional practice via site visits together with a professional body (ICE) compliant PDP scheme for students. Further exposure is through visiting speakers.
- Experience in IT using industry standard software for analysis, design, drawing and planning.
- Hands-on experience of laboratory testing in Civil Engineering materials, soils and fluids
- Practical design applications and case studies relevant to current engineering practice
- 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.
- As required by the PSRB, 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.

Level 4

Compulsory modules

Module title	Credits	Semester/teaching period
Civil Engineering Management A	20	S1 / Year 1
Advanced Mathematics	20	S1 / Year 1
Engineering Mechanics	20	S2 / Year 1
Applied Mechanics	20	S2 / Year 1
Engineering Materials Science	20	S2 / Year 1
Surveying A and CAD	20	S1 & 2 / 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 Application and Theory	20	S1 / Year 2
Introduction to Structural Design	15	S1 / Year 2
Engineering Materials Chemistry	15	S2 / Year 2
Structural Analysis Techniques	15	S2 / Year 2
Fluid Mechanics	20	S2 / Year 2
Advanced Mathematics	15	S2 / Year 2
Total number of credits of compulsory modules:	120	

Level 6

Compulsory modules

Module title	Credits	Semester/teaching period
Independent Project	40	S1 & 2 / Year 3
Structural Engineering Techniques	20	S1 / Year 3
Numerical Management Techniques	10	S1 / Year 3
Geotechnical Engineering Design and Theory	20	S2 / Year 3
Fluid Mechanics II	10	S2 / Year 3
Infrastructure Engineering	20	S2 / Year 3
Total number of credits of compulsory modules:	120	

Assessment and feedback

Level 4
Level 4 is assessed predominantly by examinations, with coursework elements.

Level 5
Level 5 is assessed predominantly by examinations, with coursework elements.

Level 6
Level 6 is assessed predominantly by coursework, with 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		140-150 hours
Placement (optional)			44 weeks	