



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 07/09/2026

General information

Programme code

MSCIV

Target award

If you complete this course successfully you will be eligible for the award of:

MSc 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 a Type I MSc by the Joint Board of Moderators (JBM) comprising of the Institution of Civil Engineers, Institution of Structural Engineers, Institute of Highway Engineers, the Chartered Institution of Highways and Transportation and the Permanent Way Institution on behalf of the Engineering Council as meeting the academic requirement for Further Learning for registration as a Chartered Engineer (CEng). To hold accredited qualifications for CEng registration, candidates must also hold a Bachelor (Hons) degree that has been accredited as partially meeting the academic requirement for registration as a Chartered Engineer (CEng).

Awarding body

Leeds Beckett University

Regulator

Office for Students

Level of qualification

Level 7 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:

12 months, full-time

20 months, full-time with sandwich placement

24 months, 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

A minimum of 30 weeks, undertaken at the end of semester 2 after the completion of taught modules. On returning from placement, students will be expected to complete their Dissertation.

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 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 an effective, coherent, intellectually challenging and technical focused post graduate education in civil engineering.
- Achieve high-level competence across a range of specialist technical disciplines applying existing and emerging knowledge and technology.
- Develop research capability and cognitive skills enabling students to analyse complex problems in their professional context.
- Develop leadership skills applicable to meet changing technical and commercial needs in civil engineering.
- Provide the basis for personal commitment to professional development recognising the need to maintain professional standards and obligations to society.

Teaching and learning activities

The curriculum of the MSc Civil Engineering is designed to provide a focused education enabling successful students to develop careers as leaders in design, construction, and management operations within civil engineering.

Emphasis is placed on the application of engineering principles under uncertain conditions. 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 use Eurocode design standards, and the Government endorsed NEC4 suite of Contracts.
- Professional development.
- Independent laboratory or fieldwork-based data collection.
- Design applications and case studies relevant to current engineering practice.
- Specialist study covering mainly technical subjects with some management-based areas.
- In all cases, students' health, safety and well-being is assured under the University's standard procedures.

All modules on the course are designed for formal lecture-based delivery, accompanied by tutorial and laboratory practical sessions to consolidate student learning and enhance the student experience. Case studies will be used to contextualise learning into professional practice.

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.

Full-time Delivery

Level 7

Compulsory modules

Module title	Credits	Semester/teaching period
Water Engineering and Fluid Mechanics	20	S1 / Year 1
Geotechnical Analysis and Design	20	S1 / Year 1
Materials Technology	20	S1 / Year 1
Advanced Structural Engineering & FEM	40	S2 / Year 1
Transportation Studies	20	S2 / Year 1
Civil Engineering Dissertation	60	S1, 2, 3 / Year 1
Level 7 Continuing Professional Development*	0	S1, 2, 3 / Year 1
Total number of credits of compulsory modules:	180	

*Level 7 Continuing Professional Development is a non-credit bearing pass/fail module

Full-time Delivery with Professional Placement

Level 7

Compulsory modules

Module title	Credits	Semester/teaching period
Water Engineering and Fluid Mechanics	20	S1 / Year 1
Geotechnical Analysis and Design	20	S1 / Year 1
Materials Technology	20	S1 / Year 1
Advanced Structural Engineering & FEM	40	S2 / Year 1
Transportation Studies	20	S2 / Year 1
Professional Placement* (minimum of 30 weeks, with evidence)	0	
Civil Engineering Dissertation	60	S1 & 2 / Year 1, S3 / Year 2
Level 7 Continuing Professional Development**	0	S1 & 2 / Year 1, S3 / Year 2
Total number of credits of compulsory modules:	180	

*Professional Placement will be undertaken after 120 taught module credits are achieved, at the end of semester 2. On returning from Professional Placement, students will be assessed on the success of their Placement and will continue to the final 60-credit Dissertation to complete the course.

**Level 7 Continuing Professional Development is a non-credit bearing pass/fail module

Part-time Delivery

Level 7

Compulsory modules

Module title	Credits	Semester/teaching period
Geotechnical Analysis and Design	20	S1 / Year 1
Materials Technology	20	S1 / Year 1
Advanced Structural Engineering & FEM	40	S2 / Year 1
Water Engineering and Fluid Mechanics	20	S1 / Year 2
Transportation Studies	20	S2 / Year 2

Level 7 Continuing Professional Development*	0	S1, 2, 3 / Year 2
Civil Engineering Dissertation	60	S1, 2, 3 / Year 2
Total number of credits of compulsory modules:	180	

**Level 7 Continuing Professional Development is a non-credit bearing pass/fail module*

Assessment and feedback

Level 7

This course will be assessed through a mix of coursework and examinations. There is a 60-credit Civil Engineering Dissertation module which will require the production of a dissertation with a viva-voce or formal presentation.

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 7
Teaching, learning and assessment	398 hours
Independent study	1402 hours
Placement study	30 Weeks
Continuing professional development	35 hours