



**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 07/09/2026

General information

Programme code

MSAEM

Target award

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

MSc Advanced Engineering Management

Delivery mode

- ☒ On campus
☐ Distance learning

Where you will study

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

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 (September Start)

18 months, full-time (January Start)

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.

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:

- Apply their skills in the areas of both management and engineering to solve complex problems, requiring effective communication, information retrieval, teamwork and the use of specialist and general IT facilities.
- Develop and demonstrate self-learning and skills of critical reflection to improve performance, as the foundation for lifelong learning and continuing professional development (CPD)
- Monitor and adjust a significant personal programme of work on an on-going basis and to defined goals.
- Exercise initiative and personal responsibility, which may be as a team member or team leader.

Teaching and learning activities

The delivery style will encourage independent and collaborative learning through team-based activities. This course enables many practical skills to be developed and students are encouraged to develop their personal interest

through individual research. A number of delivery methods are used from guest lectures, group activities, online support and workshop activities.

Students are made aware of the goal of independence in learning and are given explicit guidance on those aspects of their learning for which they are responsible. Key opportunities for students in this regard include the Dissertation modules and guidance on the studying of individual modules.

Scheduled sessions will include the use of lectures, seminars and tutorials, and advantage will be taken of both technology and supportive activities to ensure that effective learning takes place. Some of those supportive activities strongly encourage the student to attend sessions that are not in themselves credit bearing, but which are designed to reinforce the concepts and skills introduced in the credit bearing modules.

These activities will include the use of simulations, role play, case studies, projects, practical work, work-based learning, workshops, peer tutoring, self-managed teams and learner managed learning.

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
Lean and Agile Engineering	20	S1 / Year 1
Simulation and Modelling	20	S1 / Year 1
Sustainable Systems Design	20	S1 / Year 1
Research Practice	20	S2 / Year 1
Eco Engineering	20	S2 / Year 1
Project Management	20	S2 / Year 1
Dissertation	60	S3 / Year 1
Total number of credits of compulsory modules:	180	

Part-time Delivery

Level 7

Compulsory modules

Module title	Credits	Semester/teaching period
Lean and Agile Engineering	20	S1 / Year 1
Simulation and Modelling	20	S1 / Year 1
Research Practice	20	S2 / Year 1
Eco Engineering	20	S2 / Year 1
Sustainable Systems Design	20	S1 / Year 2
Project Management	20	S2 / Year 2
Dissertation	60	S3 / Year 2
Total number of credits of compulsory modules:	180	

Assessment and feedback

Level 7

This course is assessed predominantly by coursework with some examinations. At the end of the course, students will produce a dissertation reflecting substantial, individual research into a topic chosen by the student.

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	211 hours
Independent study	1589 hours