Course Specification

MSc Architectural Technology

Course Code: MARCT

2026/27

leedsbeckett.ac.uk

MSc Architectural Technology (MARCT)

Applicant Facing Course Specification for 2026/27 Postgraduate Entrants

Confirmed at

General Information

Award	Master of Science Architectural Technology
Contained Awards	Postgraduate Diploma Architectural Technology
	Postgraduate Certificate Architectural Technology
Awarding Body	Leeds Beckett University
Level of Qualification and Credits	Level 7 of the Framework for Higher Education Qualifications, with 180 credit points at Level 7 of the Higher Education Credit Framework for England.
Course Lengths and Standard Timescales	Start dates will be notified to students via their offer letter. The length and mode of delivery of the course is confirmed below: • 24 months (part-time, distance learning – with an option to reduce the rate of study available.)
Part Time Study	PT delivery is usually at half the intensity of the FT equivalent course, although there may be flexibility to increase your pace of study to shorten the overall course duration. Some modules may be delivered in a different sequence to that defined within this information set but the modules offered within each level are consistent.
Location(s) of Delivery	Distance Learning
Entry Requirements	Admissions criteria are confirmed in your offer letter. Details of how the University recognises prior learning and supports credit transfer are located here: https://www.leedsbeckett.ac.uk/student-information/course-information/recognition-of-prior-learning/ Admissions enquiries may be directed to: AdmissionsEnquiries@leedsbeckett.ac.uk.

Course Fees	Course fees are confirmed in your offer letter. A breakdown of any additional costs is included on the online prospectus entry for this course.
	Fees enquiries may be directed to Fees@leedsbeckett.ac.uk.

Policies, Standards and Regulations (www.leedsbeckett.ac.uk/academicregulations)

Effective from September 2023, the course team have implemented a change in the IELTS entry requirement, to a preferred score of 6.5 with a minimum requirement of 5.5. This is to ensure international applicants join the course already possessing the right level of English comprehension skills, so they are able to complete their studies to a Masters standard.

Professional Accreditation or Recognition Associated with the Course

Professional Body

Chartered Institute of Architectural Technology (CIAT)

Summary

This course is accredited by the Chartered Institute of Architectural Technology. Successful completion of the course provides eligibility to apply for membership of the CIAT, this membership enhances the opportunities for employment within the industry.

Timetable Information

Timetables for Semester 1 will be made available to students during induction week via:

i)   The Student Portal (MyBeckett)
ii)   The Leeds Beckett app

Any difficulties relating to timetabled sessions may be discussed with your Course Administrator

Key Contacts

| **Your Course Director** | Neil Berry (MRICS) - N.Berry@leedsbeckett.ac.uk |
| **Your Course Administrator** | Lauren Musson - l.musson@leedsbeckett.ac.uk |

Course Overview

Aims

Architectural Technology is rooted in science and engineering knowledge applied to the design of sustainable and inclusive buildings. This creative discipline forms the link between concept and realisation by designing for production (how buildings are constructed) and performance in use (how buildings work). The Course focuses on the development of responsible high performance practical solutions that respond to architectural need through the implementation of digital and physical technologies. The Course aims to develop in students the skills, knowledge, experience, and behaviours relating to design, technology, management, and practice that are essential to a successful career in Architectural Technology.

The MSc Architectural Technology and Design is aimed at those wishing to change career and pursue Architectural Technology. The Course enables conversion to Architectural Technology from both related and unrelated disciplines. In addition, some students might be established in architectural practice, who for personal or professional development wish to acquire a formal academic qualification specific to Architectural Technology.

The course is delivered via web based distance learning. This offers opportunities to people who otherwise would not be able to undertake formal face to face education for reasons of employment or personal circumstances. For example, students may be required to work elsewhere for periods and the Course facilitates them to continue their studies from anywhere in the world.

Course Learning Outcomes

Architectural Technology requires skills, knowledge, experience, and behaviours in design, technology, management, and practice. At the end of the course, students will be able to:

1	Demonstrate critical awareness of the historical and contemporary context, and the underpinning theories that inform and influence the practice of Architectural Technology;
2	Demonstrate systematic understanding and critical awareness of current and emerging trends in Architectural Technology;
3	Evaluate appropriate methodologies for dealing with complex problems within Architectural Technology;
4	Perform independent analysis of complex concepts applied in the generation of critical discussion by working with some originality in the Architectural Technology domain;
5	Complete a major piece of research informed design work that synthesises current theoretical and technical knowledge in Architectural Technology practice.

Teaching and Learning Activities

Summary

Four themes representing the main components of Architectural Technology are developed throughout the Course. These include design, technology, management, and practice. The structure of the Course promotes horizontal integration of learning. The 60-credit Major Design Project module enable students to assimilate and apply knowledge and skills gained from each of the 20-credit subject specific modules.

This course is delivered via web-based content using a range of teaching and learning methodologies for distance learning. The University's Virtual Learning Environment (VLE) called MyBeckett is used as the means of communicating with students for the delivery of online learning. The educational style is "Content with Support" and there are two main methodologies, flipped content and wrapped content. Problem-based learning is also applied for the design modules. Students are directed to online learning resources, where the flipped approach involves guiding the student through content and supporting learning activities with feedback mechanisms. The wrapped approach is student-led where a study guide directs students to content with learning "wrapped around" these resources. Students are supplied with links and references to external materials and are expected to follow up on these by themselves; much as students in a traditional university course are supplied with reading lists and are expected to undertake reading on their own. At times, students may be expected to source their own material, particularly where students are to identify matters relevant to their own circumstances.

Arrangements for course delivery will include asynchronous online tutorials but there are no provisions for face-to-face support of delivery, other than informal. For example, a student may want to visit the University and speak to a member of the Course Team or hold a meeting via a remote platform. This would not be denied although it is recognised that this amenity will not be convenient for students overseas and so delivery arrangements will ensure that no student is disadvantaged.

Students are expected to be able to undertake a significant level of independent and self-directed study, for example, being able to source additional reading materials. This researching of own sources also applies to students utilising their own experience, primarily from the work-place, though non-work place experience may be relevant.

This course will feature online learning for any taught sessions. All taught sessions are recorded.

Your Modules

This information is correct for students progressing through the programme within standard timescales. It is based on a September start, with those entering the Course in January having an offset version of the structure where the Semesters are switched. Those under a reduced rate of study will have an extended version that is aligned to their journey. Students who are required to undertake repeat study may be taught alternate modules which meet the overall course learning outcomes. Details of module delivery will be provided in your timetable.

Level 7
Compulsory modules

Module title	Credits	Semester/ teaching period
Construction Technology	20	S1 / Year 1
Research Methods	20	S1 / Year 1
Construction Law Principles	20	S2 / Year 1
Building Information Modelling	20	S2 / Year 1
Defects and Repairs	20	S1 / Year 2
Detail Design and Specification	20	S1 / Year 2
Building Conservation and Refurbishment	20	S2 / Year 2
Major Project	40	S1 & S2 / Year 2
Number of credits of compulsory modules	180	

Assessment Balance and Scheduled Learning and Teaching Activities

The assessment balance and overall workload associated with this course are calculated from core modules and typical option module choices undertaken by students on the course. They have been reviewed and confirmed as representative by the Course Director.

A standard module (20 credits) equates to 200 notional learning hours, which may be comprised of teaching, learning and assessment, and independent study. Modules may have more than one component of assessment.

Assessment

On this course students will be assessed predominantly through written coursework assignments, project work, presentation, and reports.

Workload

Overall Workload	
Teaching, Learning and Assessment	302 hours
Independent Study	1498 hours
Placement	N/A