



LEEDS
BECKETT
UNIVERSITY

Course Specification

BSc (Hons) Architectural Technology

Course Code: ARCHT

2021/22

leedsbeckett.ac.uk

Award & Title BSc (Hons) Architectural Technology (ARCHT)

Applicant Facing Course Specification for 2021/22 Undergraduate Entrants

Confirmed at 03/2021

General Information

Award	Bachelor of Science (with Honours) Architectural Technology
Contained Awards	Bachelor of Science Architectural Technology Diploma of Higher Education Architectural Technology Certificate of Higher Education Architectural Technology
Awarding Body	Leeds Beckett University
Level of Qualification & Credits	Level 6 of the Framework for Higher Education Qualifications, with 120 credit points at each of Levels 4, 5 and 6 of the UK Credit Framework for Higher Education (360 credits in total)

Course Lengths & Standard Timescales

Start dates will be notified to students via their offer letter. The length of the course is confirmed below and modes of delivery will be confirmed prior to the start date in line with Government guidance:

- 3 years (full time, campus based)
- 4 years (full time, sandwich, campus based)
- 5 years (part time, campus based)

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. Please note that the work placement option is not generally available to PT students.

Location(s) of Delivery

City Campus, Leeds

Students are responsible for obtaining their own placement, with assistance from the University. The locations will vary, dependant on the opportunity.

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:

www.leedsbeckett.ac.uk/studenthub/recognition-of-prior-learning.

Admissions enquiries may be directed to:
AdmissionsEnquiries@leedsbeckett.ac.uk.

Course Fees

Course fees and any additional course costs are confirmed in your offer letter. Fees enquiries may be directed to
Fees@leedsbeckett.ac.uk.

Timetable Information

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

- i) The Student Outlook Calendar
- ii) The Student Portal (MyBeckett)
- iii) The Leeds Beckett app

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

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

There are no additional or non-standard regulations which relate to your course.

Key Contacts**Your Course Director**

Dr Matthew Brooke-Peat

Your Academic Advisor

Each Student will be allocated an Academic Advisor once they commence their studies at the University. The Academic Advisor will be a member of the Surveying, Construction & Project Management Academic Staff.

Your Course Administrator

Thom Day - t.day@leedsbeckett.ac.uk

Sandwich or Other 'In Year' Work Placement Information

Summary

Leeds Beckett is dedicated to improving the employability of our students and one of the ways in which we do this is to support our students to gain valuable work experience through work-based placements. Our placement teams have developed strong links with companies, many of whom repeatedly recruit our students into excellent placement roles and the teams are dedicated to supporting students through every stage of the placement process. More information about the many benefits of undertaking a work placement, along with details about how to contact our placement teams can be found here: <http://www.leedsbeckett.ac.uk/studenthub/placement-information/>

Length 44 weeks, undertaken between year 2 and year 3 (level 5 and Level 6)

Professional Accreditation or Recognition Associated with the Course

Professional Body Chartered Institute of Architectural Technologists (CIAT)
<https://ciat.org.uk/>

Chartered Association of Building Engineers (CABE)
<https://cbuilde.com>

Accreditation/ Recognition Summary

Successful completion of the course provides exemption from the educational requirements of the Chartered Architectural Technologist professional qualification. Graduates of the Course are eligible to apply for Associate Membership of CIAT and begin the professional qualification. Graduates are also eligible to apply for Graduate Membership of CABE.

Course Overview:

Aims

To reflect the way in which an architectural project is developed and delivered, the course is designed to enable students to:

- appreciate the application of architectural technology in different contexts;
- develop an understanding of the requisite investigatory studies;
- develop a detailed understanding of the science, engineering and technology that is essential to the design, production, and performance of buildings;
- develop a critical understanding of the factors affecting functionality, buildability, health, safety, welfare, sustainability, inclusivity, and performance in use;

- develop a working knowledge of the architectural design process;
- develop an appreciation of structural and services design;
- develop a working knowledge of the legal and regulatory issues affecting building design;
- develop an understanding of construction procurement and the mechanisms of contract administration;
- appreciate the inter-relationships between the professions and specialisms involved in the built environment;
- develop the knowledge and skills to apply digital technologies and BIM procedures in collaborate working;
- develop a knowledge of professional practice;
- exploit the knowledge and skills gained to practice architectural technology in the generation of detailed design solutions to building related problems;
- critically reflect upon architectural technology in an environmental, technological, social, legal, and economic context.

These aims have been written to take account of the 2014 QAA Benchmark Statement for Architectural Technology.

Course Learning Outcomes

The discipline of Architectural Technology requires knowledge and skills in design, technology, management, and practice. Graduates of BSc (Hons) Architectural Technology should be able to demonstrate:

1	a comprehension of the political, economic, social, environmental, and technological issues which form the national and international contexts that influence the practice of architectural technology;
2	a comprehension of building elements, components, systems, materials, and methods, including new and emerging technologies, used for different building typologies in new-build and existing building scenarios;
3	an ability to identify hazards and manage risks from an architectural technology perspective in relation to health, safety and welfare during the construction, use, maintenance, alteration, and demolition of buildings;
4	an ability to analyse problems and synthesise sustainable detailed design solutions in a range of situations (i.e. domestic, non-domestic, and specialist building development projects) with a focus on designing for production and performance in use;

5	an ability to work independently and collaboratively to solve building development problems by applying digital technologies and BIM procedures to synthesise, evaluate, and communicate designs;
6	a comprehension of the legal, ethical, professional, and commercial aspects of architectural technology practice that underpins an ability to apply project, design, and contract management.

Teaching and Learning Activities

Summary

The Course is delivered through lectures, tutorials, studio sessions, laboratories, workshops, and fieldwork. Site visits may form the basis of learning activities or assessment briefs where possible and subject to availability. For example, *live projects* may be used for design work at Levels 5 and 6. In these circumstances, a client from industry briefs students of their requirements and students visit the project site to undertake survey work and gain an understanding of the site's context. It is usual for clients to provide formative feedback in the critique of work in progress at key review stages. Clients often participate in summative assessment panels. Another example is where condition surveys of existing buildings are undertaken in the Building Pathology module. In addition, construction site visits are regularly run to provide students with an insight to construction processes and provide an experience of the workings of building sites. Each module uses a mixture of learning activities to reflect the nature of the subject content. The subjects covered are broad ranging and represent the wide scope of the Architectural Technology discipline.

Your Modules

This information is correct for students progressing through the programme within standard timescales. 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.

Course Structure

Full time

Level 4

Semester 1	Core (Y/N)	Semester 2	Core (Y/N)
Law in the Built Environment	Y	Building Science and Services	Y
Introduction to Construction Technology	Y	Materials Science and Structures	Y
Technical Design Project 1	Y	Technical Design Project 1	Y

Level 5

Semester 1	Core (Y/N)	Semester 2	Core (Y/N)
Interdisciplinary Practice	Y	Contract Practice	Y
Building Pathology	Y	Construction Technology	Y
Technical Design Project 2	Y	Technical Design Project 2	Y

Level 6

Semester 1	Core (Y/N)	Semester 2	Core (Y/N)
Refurbishment and Conservation	Y	Building Performance	Y
BIM Process and Philosophy	Y	Inter-professional Consultancy	Y
Technical Design Project 3	Y	Technical Design Project 3	Y

Part time

Level 4

Year 1			
Semester 1	Core (Y/N)	Semester 2	Core (Y/N)
Technical Design Project 1	Y	Technical Design Project 1	Y
Introduction to Construction Technology	Y	Building Science and Services	Y
Year 2			
Semester 1	Core (Y/N)		
Law in the Built Environment	Y		
Materials Science and Structures	Y		

Level 5

Year 2			
		Semester 2	Core (Y/N)
		Contract Practice	Y
		Construction Technology	Y
Year 3			
Semester 1	Core (Y/N)	Semester 2	Core (Y/N)
Technical Design Project 2	Y	Technical Design Project 2	Y
Building Pathology	Y	Interdisciplinary Practice	Y

Level 6

Year 4			
Semester 1	Core (Y/N)	Semester 2	Core (Y/N)
Refurbishment and Conservation	Y	Inter-professional Consultancy	Y
BIM Process and Philosophy	Y	Building Performance	Y
Year 5			
Semester 1	Core (Y/N)	Semester 2	Core (Y/N)
Technical Design Project 3	Y	Technical Design Project 3	Y

The option modules listed are indicative of a typical year. There may be some variance in the availability of option modules.

Assessment Balance and Scheduled Learning and Teaching Activities by Level

The assessment balance and overall workload associated with this course are calculated from core modules. They have been reviewed and confirmed as representative by the Course Director.

A standard module equates to 200 notional learning hours, which may be comprised of teaching, learning and assessment, any embedded placement activities and independent study. Modules may have more than one component of assessment.

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

Level 5 is assessed by coursework predominantly, with some examinations and practical assessments

Level 6 is assessed by coursework predominantly, with some examinations and practical assessments

Workload

Overall Workload	Level 4	Level 5	Level 6
Teaching, Learning and Assessment	240 hours	240 hours	240 hours
Independent Study	960 hours	960 hours	960 hours
Placement (optional)		44 weeks	

Learning Support

If you have a question or a problem relating to your course, your Course Administrator is there to help you. Course Administrators work closely with academic staff and can make referrals to teaching staff or to specialist professional services as appropriate. They can give you a confirmation of attendance letter, and a transcript. You may also like to contact your Course Rep or the Students' Union Advice team for additional support with course-related questions.

If you have any questions about life at our University in general, call into or contact the Student Advice Hub on either campus. This team, consisting of recent graduates and permanent staff, are available to support you throughout your time here. They will make sure you have access to and are aware of the support, specialist services, and opportunities our University provides. There is a

Student Advice Hub on the ground floor of the Rose Bowl at City Campus and one in Campus Central at Headingley. You can also find the team in the Gateway in the Leslie Silver Building at City Campus. Email enquiries may be directed to studentadvicehub@leedsbeckett.ac.uk.

Within MyBeckett you will see two tabs (Support and Opportunities) where you can find online information and resources for yourselves. The Support tab gives you access to details of services available to give you academic and personal support. These include Library Services, the Students' Union, Money advice, Disability advice and support, Wellbeing, International Student Services and Accommodation. There is also an A-Z of Support Services, and access to online appointments/registration.

The Opportunities tab is the place to explore the options you have for jobs, work placements, volunteering, and a wide range of other opportunities. For example, you can find out here how to get help with your CV, prepare for an interview, get a part-time job or voluntary role, take part in an international project, or join societies closer to home.