UNIVERSITY OF WOLVERHAMPTON

Course Specification

Published Date:	22-Jul-2026
Produced By:	Multi Type Usr Record For All Personnel
Status:	Validated

Core Information

Awarding Body / Institution:	University of Wolverhampton		
School / Institute:	School of Architecture, Computing and Engineering		
Course Code(s):	AT001H01UV AT001H31UV	Full-time Part-time	3 Years 6 Years
UCAS Code:			
Course Title:	BSc (Hons) Architectural Design Technology		
Hierarchy of Awards:	Bachelor of Science with Honours Architectural Design Technology Bachelor of Science Architectural Design Technology Diploma of Higher Education Architectural Design Technology Certificate of Higher Education Architectural Design Technology		
Language of Study:	English		
Date of first cohort:	26/May/2017		
Specification valid from:	2009/0		

Academic Staff

Course Leader:	Mr Mohammad Tammo
Head of Department:	Mr Paul Hampton

Course Information

Location of Delivery:	University of Wolverhampton
Category of Partnership:	Standard Provision (Not delivered in partnership)
Teaching Institution:	University of Wolverhampton
Open / Closed Course:	This course is open to all suitably qualified candidates.

Entry Requirements:

Entry requirements are subject to regular review. The entry requirements applicable to a particular academic year will be published on the University website (and externally as appropriate e.g. UCAS

2017 Entry

- At least grade BB or CCE from A Levels or equivalent
- BTEC National Diploma grade MMP, BTEC National Certificate grade DM
- BTEC QCF Extended Diploma grade MMP, BTEC QCF Diploma grade DM
- Access to HE Diploma full award (Pass of 60 credits - of which a minimum of 45 credits must be at level 3 including 18 at Merit or Distinction).
- Applicants will normally be expected to hold GCSE English and Maths at grade C+/4 or equivalent
- If you've got other qualifications or relevant experience, please contact The Gateway for further advice before applying.
- International entry requirements and application guidance can be found here
- Successful completion of the International Foundation Year in Science and Engineering guarantees entry on to this course

Other Requirements

Those meeting the entry requirements will be invited to attend an interview / portfolio review. More information on what we expect from a portfolio can be found at http://www.wlv.ac.uk/about-us/our-schools-and-institutes/faculty-of-science-and-engineering/school-of-architecture-and-built-environment/portfolio-tips/.

Students must have studied a minimum of two years post GCSE level. However, it is expected that some applicants will be mature students with work experience, who wish to further their career development. These applicants will be processed through standard procedures, which may involve an interview as part of the process. Please see http://wlv.ac.uk/mature for further information.

Those who do not meet the entry requirements may be offered an alternative course.

Distinctive Features of the Course:

This course brings together a range of skills and subjects including design, new technology, sustainability and construction methods that can lead you into a professional career within the construction industry.

The course is taught by staff with industry experience using a combination of methods that match professional practice including studio and drawing office sessions and using the latest Computer Aided Design (CAD) to develop your design work.

The course is developed with input from industry professionals to ensure that it is up to date and meets the needs of the industry. Due to this industry relevance, the course is accredited by the Chartered Institute of Architectural Technologies (CIAT).

Educational Aims of the Course:

The aim of this course is to develop students with sound knowledge of the architectural design process providing them with all of the skills required to become an architectural technologist.

Throughout the programme, students will develop specialist skills in the areas of the science of architecture, building design and construction, giving them the ability to understand and form the link between concept, design and construction. The course provides students with the ability to negotiate and manage the design process whilst also understanding how to implement technical knowledge to develop innovative solutions within the framework of current working practices and legislation. Students will acquire and implement the skills required to fully understand the construction project whilst gaining knowledge of how to negotiate and manage all aspects of architectural and construction contracts.

Intakes:

September

Major Source of Funding:

Office for Students (OFS)

Tuition Fees:

Tuition fees are reviewed on an annual basis. The fees applicable to a particular academic year will be published on the University website.

Year	Status	Mode	Amount
2025/6	H	Full Time / Sandwich	£9535.00
2025/6	Overseas	Full Time / Sandwich	£15995.00
2025/6	H	Part Time	£4768.00
2026/7	H	Full Time / Sandwich	£9790.00
2026/7	Overseas	Full Time / Sandwich	£17600.00
2026/7	H	Part Time	£4895.00

PSRB:

AT001H01UV (Full-time)

Professional Accreditation Body:
Chartered Institute of Architectural Technologists (CIAT)

Accrediting Body:
Chartered Institute of Architectural Technologists (CIAT)

Accreditation Statement:
"Accredited by the Chartered Institute of Architectural Technologists (CIAT), and demonstrates that the programme has been assessed in terms of content, structure and resources and has met the required educational standards. Graduates from an Accredited programme will receive full academic exemptions from the professional qualification when progressing to Chartered Architectural Technologist status."

Approved	Start	Expected End	Renewal
03/Dec/2025	03/Dec/2025	03/Dec/2030	03/Dec/2030

AT001H31UV (Part-time)

Professional Accreditation Body:
Chartered Institute of Architectural Technologists (CIAT)

Accrediting Body:

Chartered Institute of Architectural Technologists (CIAT)

Accreditation Statement:
"Accredited by the Chartered Institute of Architectural Technologists (CIAT), and demonstrates that the programme has been assessed in terms of content, structure and resources and has met the required educational standards. Graduates from an Accredited programme will receive full academic exemptions from the professional qualification when progressing to Chartered Architectural Technologist status."

Approved	Start	Expected End	Renewal
03/Dec/2025	03/Dec/2025	03/Dec/2030	03/Dec/2030

AT001H01UV (Full-time)

Professional Accreditation Body:
Chartered Association of Building Engineers

Accrediting Body:
Chartered Association of Building Engineers (CABE)

Accreditation Statement:
Accredited by the Chartered Association of Building Engineers (CABE).

Approved	Start	Expected End	Renewal
31/Aug/2019	17/Mar/2014	31/Aug/2026	31/Aug/2026

AT001H31UV (Part-time)

Professional Accreditation Body:
Chartered Association of Building Engineers

Accrediting Body:
Chartered Association of Building Engineers (CABE)

Accreditation Statement:
Accredited by the Chartered Association of Building Engineers (CABE).

Approved	Start	Expected End	Renewal
31/Aug/2019	17/Mar/2014	31/Aug/2026	31/Aug/2026

Course Structure:

September (Full-time)

Full time and Sandwich Undergraduate Honours students normally study 120 credits per academic year; 60 credits semester 1 and 60 credits semester 2.

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
4AT021	Integrated Design Studio	40	SEM2	Core
4AT018	Materials, Construction and Structure	20	SEM1	Core
4AT004	Design Studio (Drawing, Graphics, Modelling)	20	SEM1	Core
4AT009	Sustainable Architecture Principles	20	SEM1	Core
4AT019	Digital Design	20	SEM2	Core

September (Full-time)

Full time and Sandwich Undergraduate Honours students normally study 120 credits per academic year; 60 credits semester 1 and 60 credits semester 2.

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
5AT020	Advanced Materials Construction and Structure	20	SEM1	Core
5AT018	BIM Integrated Design	20	SEM2	Core
5AT024	City and Urbanism	20	SEM1	Core
5AT013	Technical Design Studio	20	SEM1	Core
5AT002	Design Studio: Retrofit and Adaptive reuse	20	SEM2	Core
5AT014	Design Statutory Approvals	20	SEM2	Core

September (Full-time)

Full time and Sandwich Undergraduate Honours students normally study 120 credits per academic year; 60 credits semester 1 and 60 credits semester 2.

Part time students study alongside full time students. However, they do not study more than 90 credits in each academic calendar year.

Module	Title	Credits	Period	Type
6AT015	Major Project and Exhibition	40	SEM2	Core
6AT020	Technology Led Conservation Studio	40	SEM1	Core
6AT009	Special Studies Dissertation	20	SEM1	Core
6AT014	Architectural Practice & Management	20	SEM2	Core

Please note: Optional modules might not run every year, the course team will decide on an annual basis which options will be running, based on student demand and academic factors, to create the best learning experience.

Learning, Teaching and Assessment

Regulations Exemption:

Reference Points:

QAA subject benchmark - Architectural Technology (including CIAT threshold requirements) (2014)

Construction Industry Council – Higher Education Graduate Common Learning Outcomes (2008)

QAA/QCA/School Key Skills Descriptors.

University of Wolverhampton Equality and Diversity Policy (2007).

School Intellectual Skills Descriptors

School undergraduate Assessment Tariff

School briefing paper ‘Equality and Diversity in the Curriculum’ (2008)

School ethics guidelines (2007).

Equality Act (2010)

Overview of Assessment:

As part of the course approval process, the course learning outcomes were mapped to each of the modules forming the diet of the programme of study. This process confirmed that all course learning outcomes can be met through successful completion of the modules. This mapping applies to the final award as well as to all of the intermediate awards.

Learning Outcomes	Modules
BHONS01 Become fully conversant with the four main aspects of the discipline, namely Design Procedures, Technology, Procurement and Contracts and Professional Practice.	
BHONS02 Demonstrate informed design and understand the ways that needs analysis, marketing, aesthetics, development and preparation of a design brief/specification lead to an appropriate design solution and drawing preparation.	
BHONS03 Demonstrate the ability to recognise novel problems, evaluate, interpret and synthesise technological data and apply this knowledge in the development of creative, innovative and inclusive solutions within the wider community.	
BHONS04 Develop design schemes using appropriate methods and materials and communicate design and technology information through a range of visual and verbal techniques including the use of ICT.	
BHONS05 Demonstrate an awareness of management, enterprise and organisational issues within the appropriate design environment including project management, time / cost factors and ethical and legal responsibilities.	
BHONS06 Demonstrate a range of key skills required in practice namely communication, numeracy, IT, working with others, improving own learning and performance, and problem solving.	
BHONSN01 Become fully conversant with the four main aspects of the discipline, namely Design Procedures, Technology, Procurement and Contracts and Professional Practice.	
BHONSN02 Demonstrate informed design and understand the ways that needs analysis, marketing, aesthetics, development and preparation of a design brief/specification lead to an appropriate design solution and drawing preparation.	
BHONSN03 Demonstrate the ability to recognise novel problems, evaluate, interpret and synthesise technological data and apply this knowledge in the development of creative, innovative and inclusive solutions within the wider community	

Learning Outcomes	Modules
BHONSN04 Develop design schemes using appropriate methods and materials and communicate design and technology information through a range of visual and verbal techniques including the use of ICT.	
BHONSN05 Demonstrate an awareness of management, enterprise and organisational issues within the appropriate design environment including project management, time / cost factors and ethical and legal responsibilities.	
BHONSN06 Demonstrate a range of key skills required in practice namely communication, numeracy, IT, working with others, improving own learning and performance, and problem solving.	

Teaching, Learning & Assessment Strategy/(Learning and Teaching):

Ultimately the learning that you undertake throughout this course will lead you on the path to become a professional designer. The ability to create successful designs underpins all learning activities within the course. Throughout the modules you will develop a range of theoretical and practical skills that you will put into practice through completing various projects. Evaluation of previous designs is also one of the core competencies you will learn to develop and apply. Realisation of sound designs, based on past experiences and through a range of techniques, is vital to achieving success as a professional.

Solving real world problems will underpin all of your learning on this course. Having the ability to specifically identify the clients' needs and provide a design will ensure your solutions are fit for purpose. Inclusivity will also feature heavily in all of your learning to realise solutions that are fit for all aspects of society. The combination of the above will provide you with the skills required as your start your careers as a professional designer.

There is a range of specific learning activities that you will engage with during the course of your study.

You will take part in lectures and seminars. Some of these will be more traditional whereas others will require you to undertake research before coming together to discuss design issues with a range of students and academic staff and put these into the wider global context including such topical problems as sustainability and inclusivity. You will have seminars from industry practitioners and have the opportunity to discuss your projects with them to gain real world insight into the problems you are trying to solve. You will work in a dedicated design studio to create physical models of your designs. Throughout the classes you will obtain skills required to create models using traditional manual techniques and you will also learn how to create models using the latest techniques such as rapid prototyping and 3D printing.

Based on problems that are provided, you will create your design drawings in the dedicated 'drawing office' using traditional drawing methods. You will develop your *digital literacy* through a range of skills and make use of web based information to inform design, for example deriving design standards from online BS documents, researching design concepts from the World Wide Web. Design schemes are produced using a range of tools and techniques from word processing, spreadsheet calculations to 3D computer modelling and using 2D graphics packages to create scheme presentation boards.

Teaching of design draws on international cultures and this is used to underpin module content. The ethics of design is a key element to all courses and this concept features heavily in modules, with students studying topics such as secure design and inclusivity. Your position as a *global citizen* will be developed through your learning as the department has a range of international collaborations that enables various cultures to be embedded into the teaching of design. Previously, students have underpinned their global design knowledge with field trips abroad to analyse international architecture.

Working in multidisciplinary teams, you will mirror real world practice to develop sustainable and inclusive design schemes. Often working on design briefs specified by industry practitioners, you will work as if in the real world and develop skills required of them in the work environment. As *enterprising* designers you will develop solutions that seek out the most appropriate and cost effective solution for the client. Additionally, you will take part external design competitions where you can compete with other students from around the country.

Assessment Methods/Assessments:

At level 4 you will primarily undertake individual assessments which will be based on the development of design projects linked to a specific brief. The assignments have an emphasis on developing your study skills and developing you as an independent learner. There will be no examinations at this level and your progression will be based on continual assessment. Example assessments will include creation of hand drawn architectural details, creation of 2D and 3D CAD models, creation of physical architectural models and the compilation of an environmental report for a proposed scheme.

At level 5 the assessments build on the skills in level 4 and become more tailored to develop your skills in testing theories and design concepts. The design briefs will become more open to your interpretation and will be more industry related. Assessments will be predominantly individual, however you will also start to take part in group work. Example assessments will include the creation of a complete design portfolio for a property refurbishment from initial sketches to final detail construction drawings, the creation of design according to the building regulations and the development of a health and safety plan for a project.

At level 6 you will bring together all of the skills you have obtained so far to answer open ended assessment tasks that are incompletely specified. This will require you to develop design solutions using your ability to critically appraise information from a range of sources. Much of the assessment will be individual to allow you to show off your skills, however you will also work in multidisciplinary groups that mirror industry practice to arrive at and present novel solutions. Example assessments will include taking part in mock contract meetings, competing in a national design competition and undertaking a final year design project and exhibiting your design to the public and industry.

During your studies, you will undertake formative assessment tasks that are designed to help you understand and improve your work, so that when you undertake those assignments that *do* count towards your final module grade (these are called summative assessment tasks), you are more likely to do well. Formative assessment tasks may or may not themselves be graded, but, if they are graded, these grades will not actually count towards your final module grade. However the experience of undertaking formative assessment tasks, and reflecting on the feedback you will receive about your work for these, will almost certainly help improve your performance in the summative tasks, and experience shows that this will usually maximise your module grades.

Do be aware that not all feedback comes on a sheet of paper labelled Feedback Sheet. Valuable feedback often comes in the form of face-to-face, verbal comments to the whole class, or to individuals (or small groups undertaking a group assignment), as well as written comments which may be sent by email, or posted on CANVAS or PebblePad, directed either at the whole class, or at individuals.

Further Information for Student:

Within each of the modules you will develop academic study skills through completion of weekly tasks that will help you to develop your design abilities, understand how to research particular topics through the web and more traditional means and how to write in an academic and industry relevant style.

The University complements this by supporting your learning through the provision of generic study skills including communication and how to write academic assignments.

In addition, there will be opportunities to develop your information seeking and information management skills. These may be in the form of seminars or workshops delivered by LIS staff and embedded into the curriculum or by following the programme of “Infobite” workshops available in the Learning Centres.

From the very start of your course you will work with staff within the department and with your personal tutorial to develop a Personal Development Plan (PDP) and this will provide you with a record and action plan of where you need to develop your skills in particular areas.

Currency:

Personalisation Opportunities:

Employability in the Curriculum/Employability and Professional Development:

Successful completion of this course will give you an internationally accredited and recognised qualification and will form the basis for excellent career prospects as an architectural technologist throughout the world. The architectural technologist works closely with architects and other building professionals in both the public and private sectors.

Some of our graduates are now working for some of the most well respected practices in the world including Skidmore Owens and Merrill, Kingspan, Carillion, Tweedale and several local authorities. In addition, some of our graduates have chosen to further their knowledge by undertaking postgraduate studies.

