UNIVERSITY OF LIVERPOOL

Architecture

THE ORIGINAL RED BRICK

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Student Support

As an Architecture student you will be part of the School of the Arts, situated in beautiful Abercromby Square. Within the School of the Arts you will find a dedicated student support team, offering guidance and advice all the way from enrolment through to your graduation.

Open 9:00am to 4:30pm, Monday to Friday, the Student Support Centre provides the following support:

Learning and Teaching Support

Starting university is a major step in any student's life. Our Learning and Teaching Support Officers are on hand to help anyone experiencing difficulties – whether that's meeting deadlines or settling in to their new surroundings – in a friendly and confidential environment. They can also provide guidance on applying for extenuating circumstances or extensions.

Study Abroad

From summer schools to a year abroad, our Study Abroad Officer can advise you on finding and applying for an exchange opportunity. We also deliver activities to help familiarise incoming exchange students with their new surroundings.

Disability Support

Our Departmental Disability Contacts (DDC) work collaboratively with the University's Disability Advice and Guidance team to develop support strategies and plans for students who require reasonable adjustments. They can also help make referrals to the appropriate student support services for advice and guidance on declaring a disability, arranging tests, and meeting with the Disability Advisers.

Live Chat

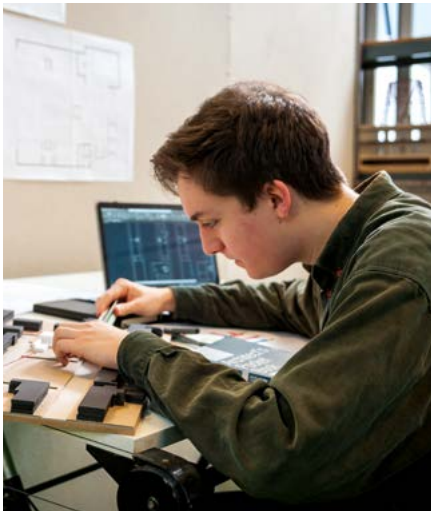
Alongside appointments and drop-in sessions, the Student Support team can also be contacted via a live chat function, with dedicated weekly slots for Learning and Teaching Support, Placements and Employability, and Study Abroad.

Why choose Architecture at Liverpool?

As the first UK university to award a RIBA-accredited degree in Architecture, the Liverpool School of Architecture has a long tradition of excellence in architectural education and research. You will be taught by experienced professionals, leading academics and world-class researchers, whose work was recognised in the most recent Research Excellence Framework (2014), where 40% of our publications were rated as 4*, or 'world-leading'.

Benefit from our research-led and design-focused teaching

We are founded on the integration of original research and high-quality teaching, dedicated to getting the best out of each and every student. We are ranked in the top 10 in the UK for research excellence (Research Excellence Framework, 2014) and our researchers are internationally known in their fields. Their work is diverse, extensive and wide-ranging, while joined by the shared aim of furthering knowledge and improving architectural design.



Be inspired in a dynamic city setting

With its impressive architectural heritage and award-winning contemporary architecture (including the 2014 Stirling Prize winning Everyman Theatre), Liverpool provides an excellent backdrop to our focus in both research and teaching on the design of cities and evolving urban conditions.

Support your creativity with solid practical skills

We focus on producing architecture graduates who balance imagination and creativity with real-world knowledge and skills. All teaching staff are actively involved in professional consultancy and academic research, which means that our students benefit from their extensive range of knowledge and expertise in preparation for their professional career.

Allow your creativity to flourish

We do not have a "house style", but instead encourage our students to develop their own design methodology based on an understanding of history, technology and architectural theory. We challenge our students to find individual solutions to complex design problems, choosing from a variety of design briefs as well as assignments throughout the programme.

Thrive in our studio environment

Our Royal Institute of British Architects (RIBA) award-winning studio spaces stimulate creativity and reflect the working environment of architects in practice.

Study opportunities in London

Our students can combine their Liverpool degree with all the inspiration and professional contacts that the capital city provides by applying to spend the third year of their degree at our campus in London. See **liverpool.ac.uk/design-year-in-london** for details.

Study abroad

As part of your Architecture degree at Liverpool you may have the opportunity to study abroad. Studying abroad has huge personal and academic benefits, as well as giving you a head start in the graduate job market. Students can currently apply to study abroad at the Bauhaus (Dessau), Germany; Technical University of Graz, Austria and the University of Arizona, USA. Or you may choose to benefit from our research and teaching links with Xi'an Jiaotong-Liverpool University (XJTLU). This link offers Architecture students at Liverpool a distinctive study abroad opportunity. More new links are also currently being explored. For more information, visit **liverpool.ac.uk/goabroad**

Good to know

121

first year students (2018).

1st

Established in 1894, we were the first university in the UK to award RIBA-accredited degree programmes in Architecture.

7th

for Architecture – *The Times and The Sunday Times Good University Guide* (2019).

96%

are employed or in further study within six months of graduating (DLHE 2016/17).

We offer study abroad opportunities.

We offer a Year in China.

We offer accredited programmes.

We offer a Design Year in London.

We offer the chance to study a language.

Year in China

The Year in China is the University of Liverpool's exciting new flagship programme enabling undergraduate students, from a huge range of departments, including Architecture, the opportunity to spend one year at our sister university Xi'an Jiaotong-Liverpool University (XJTLU), following XJTLU's BA China Studies degree classes. See **liverpool.ac.uk/yearinchina** for more information.

Languages at Liverpool

You can study a language as an extracurricular course, on top of your degree. See **liverpool.ac.uk/languages** for more information.

How you learn

Year One of the programme comprises a series of interconnected modules, which are designed to lay the foundation for future years. The initial aim is to teach basic graphic communication and to give you the tools to develop your own design agenda.

Year Two modules put increased emphasis on the context of architecture such as urban design, responsibility to society, and relationships with the construction industry.

The final year of the programme provides an opportunity for you to demonstrate you have acquired the necessary knowledge and skill to embark on a professional career in architecture. Building on the expertise and understanding of the previous two years, the design modules allow you to develop the necessary skills to design medium and large-scale buildings with a high degree of complexity.

How you are assessed

Written exams count for roughly 25% of your overall marks, with the balance coming from the creativity, reasoning and imagination you've shown in your work during the programme. In the studio modules, assessment is always carried out by a team of staff, who review all of the designs to arrive at a consensus on marks.

At the end of each academic year, portfolios of designs are reviewed by all architectural staff to reach a further consensus understanding of each student's progress. We believe that excellent design is encouraged as much by what we teach, as by how far the student is prepared to pursue their architectural ideas.

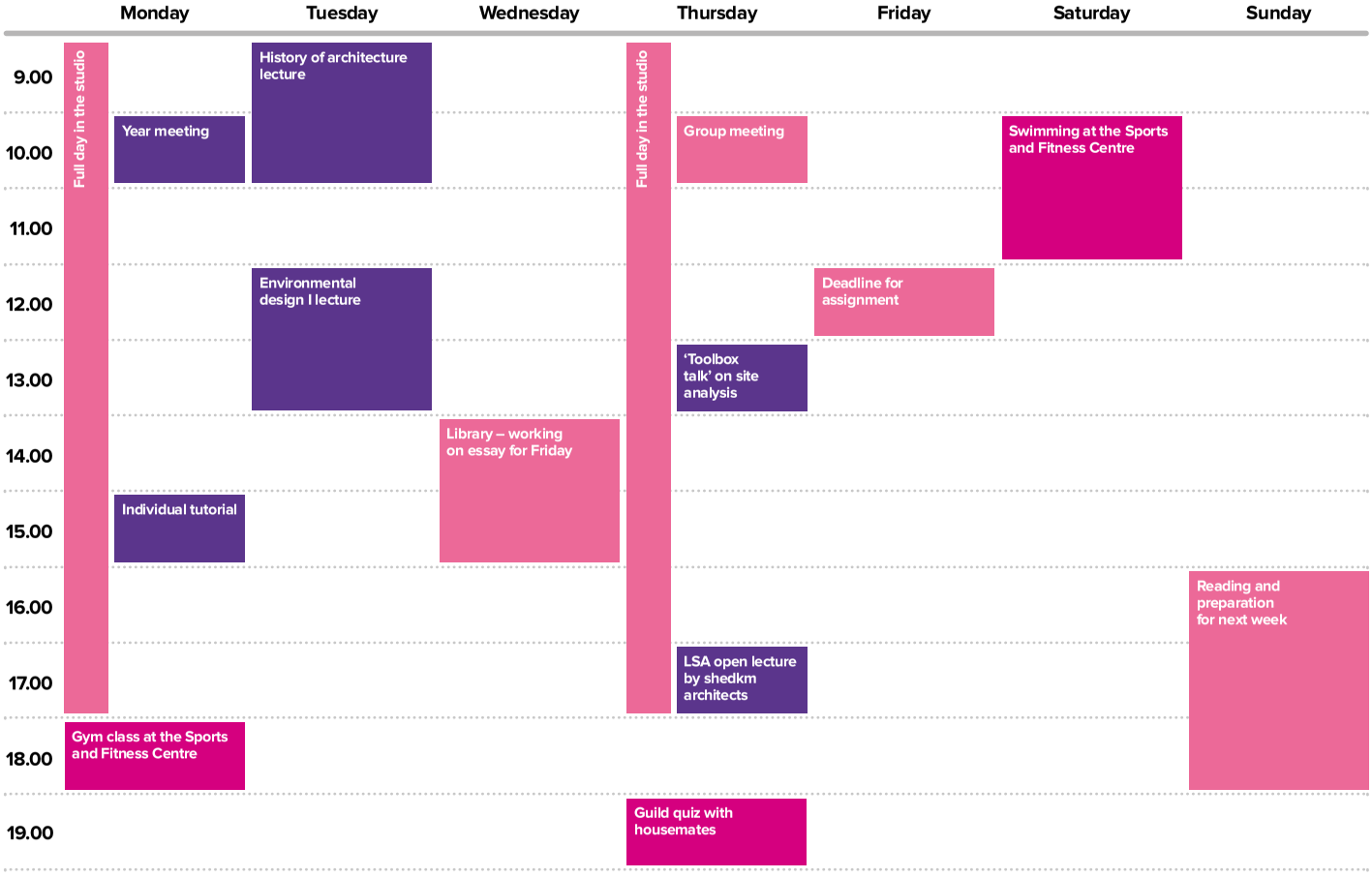
We avoid a box-ticking approach to marking, looking instead for exploration and consistency in the design that demonstrates independence and invention. Our approach to marking by consensus gives, we believe, the best guarantee of fairness while encouraging personal experiment. The best coursework shows an awareness of the greater world of architecture and the building industry, and contributes to knowledge. We try hard to avoid templates of performance while keeping within best practice. To this end, guidance issued is as clear and precise as we can make it, whilst expecting that creativity will dominate.

I really like being able to be creative and challenge myself academically at the same time. I love the studio space, it's all open plan with lots of natural lighting and all years work together. I go in there every day. You can stay there until quite late at night, which is really important when you've got a deadline approaching. I also try to go to as many cultural events as possible and there is always something going on in Liverpool, loads of them are free. With Architecture it's really important to expand your mind creatively and it really helps with your work.

Rebecca Meadowcroft
Architecture BA (Hons)

Sample timetable

Semester One Typical week



Invest in your future

Architecture graduates can go into traditional practice or extend their skills in all other areas of the construction industry and elsewhere. Recent graduates have gone on to work for major international architects, in publishing, the Arts Council and multidisciplinary think tanks. Pop music, games design and the fashion industry have recruited recent graduates too, as has property development.

Qualifying you for life

A degree from the School of Architecture will prepare you for life with:

- Design and conceptual skills
- The ability to solve complex problems through innovative design solutions
- Team working skills
- The ability to manage projects, through effective time and organisational management
- IT and computer skills
- Communication skills including verbal, written, formal drawing, computer modelling and physical modelling
- An understanding of society and its culture, and the built and natural environments.

Recent employers of our graduates

- Arup
- BDP
- Foster + Partners
- Hampshire County Council
- Hodder + Partners
- Rosenbergs Arkitekter, Stockholm
- Shedkm
- Skidmore, Owings and Merrill
- Union North
- Wilkinson Eyre.

End of Year Degree Show

Your BA studies will conclude with a Degree Show in which you will showcase the range of work produced during your time on the programme. We invite a number of architect firms to attend the event, many of whom have gone on to make job or work experience offers to our graduating students.

Postgraduate opportunities

- Architecture MA
- Arts MRes
- Building Information Modelling (BIM) MSc
- Master of Architecture MArch
- Sustainable Environmental Design in Architecture (SEDA) MSc.

Degrees

Programmes at-a-glance

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Architectural Engineering MEng (Hons) HK28 4 years	10

See **liverpool.ac.uk/study/undergraduate/courses** for current entry requirements.

Architecture BA (Hons)
UCAS code: K100
Programme length: 3 years

Are you fascinated by the buildings and landscapes that make up the world around us? If you ask yourself why they are there, how they were created, and what the future might hold, then this is the programme for you.

We encourage a creative and individual approach to the future, knowing that more career paths are opening up each moment, and knowing that understanding design is crucial to the 21st century. RIBA Part I is awarded on completion of the degree.

Programme in detail
The programme aims to provide a comprehensive foundation in architecture, which demands knowledge of many different but interrelated disciplines and the development of personal as well as technical skills. In recognition of this, the programme is divided into a series of modules, which allows you to explore design alongside humanities (urban studies, history, theory and technology, structure, construction and environmental design).

Design Year in London
You can spend your third year in London via our new undergraduate **Design Year in London** pathway. Drawing on our established strengths in Architecture, Industrial Design and Urban Planning, this pathway emphasises interdisciplinarity and industry connectivity, as well as the chance to work with virtual design and engineering technologies. Find out more at **liverpool.ac.uk/design-year-in-london**

Key modules

Year One

Core modules

- Context 1.1: history of architecture (ARCH171)
- Context 1.2: architecture and the built environment (ARCH121)
- Environmental design I (ARCH111)
- Studio 1.1: design communication (ARCH101)
- Studio 1.2: design (ARCH103)
- Studio 1.3: design (ARCH152)
- Technology 1.2: structure and construction (ARCH161).

Year Two

Core modules

- Context 2.1: history and theory of architecture (ARCH271)
- Context 2.1: urban studies (ARCH221)
- Design 2.1 (ARCH202)
- Environmental design II (ARCH211)
- Studio 2.3: design (ARCH252)
- Technology 2.2: structural design (ARCH261).

Year Three

Core modules

- Context 3.1: history and theory of architecture (ARCH321)
- Environmental design III (ARCH311)
- Practice management (ARCH371)
- Studio 3.1: design (ARCH302)
- Studio 3.2: design (ARCH352)
- Technology 3.1: integrated technical project design (ARCH361).

See pages 12-17 for module descriptions.

Design Studies BA (Hons)

Students studying **K100** have the option to transfer to the **Design Studies BA (Hons)** programme in Year Two (**please note:** this programme is not RIBA accredited). Students will specialise in the analysis and evaluation of 'design' understood as a complex historical and contemporary concept related to practices in architecture, planning, product manufacture, and the visual arts.

Architecture MArch

UCAS code: N/A

Apply directly to the School

Programme length: 2 years

The Master of Architecture programme is a professional/undergraduate Masters qualification available to students with an appropriate first degree in Architecture and RIBA Part I. It leads to the RIBA Part II award.

This degree is validated by the Royal Institute of British Architects (RIBA) and prescribed by the Architects Registration Board (ARB) as a Part II qualification towards access to the Architectural Profession in Europe. You'll need a 2.1 Bachelors degree or above as well as a RIBA Part 1 as a pre-requisite.

Programme in detail

Year One focuses on design through lectures, seminars and carefully planned individual and group work. Taught modules outside studio design cover professional practice and contemporary approaches to technology.

You will then begin the second year with a design project that's set, reviewed, and taught by a notable practitioner or design practice. In 2018-19 this was Ian Ritchie Architects.

The programme builds towards the **Design Thesis**, where you'll produce a major piece of work in response to your own brief. The dissertation subject will reflect your personal interests.

You'll be taught by our full time staff and by selected practitioners and honorary professors. These included Ian Ritchie and Patrick Lynch (Lynch Architects) in 2018/19. Throughout, you'll be examined and assessed by studio presentations and coursework submissions.

Students may take Semester One of Year Two abroad at one of our approved exchange Schools of Architecture in China, Australia or Europe.

Continued over...

Key modules

Core Modules

Year One (Year Four)

- Design A (ARCH401)
- Design B (ARCH402)
- Design C (ARCH403)
- Design D (ARCH404)
- Practice management and contract law (ARCH405)
- Research methods in architecture (ARCH480)
- Sustainable construction and management (ARCH410)
- Urban design theory (ARCH406).

Year Two (Year Five)

- Dissertation (ARCH504)
- Project report (ARCH583)
- Thesis design (ARCH511)

and

- Design studies (ARCH500)

or

- Exchange studies III (ARCH542).

See pages 12-17 for module descriptions.

Degrees offered with other departments

Architectural Engineering
BEng (Hons)
UCAS code: HK26
Programme length: 3 years

Architectural Engineering
MEng (Hons)
UCAS code: HK28
Programme length: 4 years

The Architectural Engineering degree is a multidisciplinary degree, encompassing civil engineering and architecture. It is jointly delivered by the School of Engineering and the School of Architecture.

The degree programme will provide you with a multidisciplinary skill set to design building structures, bridges and critical infrastructure. The programme will incorporate both the solid technical grounding that a typical civil/structural engineering degree provides, alongside a robust and wider appreciation of the architectural, societal, economic and environmental aspects associated to a particular design solution.

Both programmes are accredited by the Joint Board of Moderators, which represents the four major civil engineering institutions and accredits civil engineering programmes on behalf of the Engineering Council, which sets and maintains the standards for the engineering profession in the UK. Both degrees are accredited as fully satisfying the educational base for a Chartered Engineer (CEng). See **jbm.org.uk** for further information.

For more information, download the Engineering brochure from **liverpool.ac.uk/study/undergraduate/courses/publications**

Core and selected optional modules overview Year One

Module title (Code)	Semester	Credit	Module description
Context 1.1: history of architecture ARCH171	1	15	Gives you an outline knowledge of how architecture with its associated technologies, cultural connections and urban settings has evolved from ancient times to the 20th century.
Context 1.2: architecture and the built environment ARCH121	1	15	Sets the role of the architect, and the design process in the broader context of the visual arts, the construction industry and wider society. Considers the professional nature of the architect's role and begins to develop a professional approach to the student's own work. Establishes the relationship between the professional and design roles of the architect and explores the use of drawing as a professional tool.
Environmental design I ARCH111	2	15	Introduces the principles of environmental science and aspects of climatically responsive architecture, and lighting of buildings. Gives you an understanding of the role of a building as a modifier of climate with reference to traditional climatically responsive architecture and the role of buildings in the context of global energy usage. Introduces design approaches based upon passive techniques for achieving efficient thermal performance of buildings.
Studio 1.1: design communication ARCH101	1	15	Introduces a range of graphical and modelling techniques, which include precise survey drawings, more expressive sketches and model-making skills to represent architecture and space. It also aims to give you an understanding of "place."
Studio 1.2: design ARCH103	1	15	You will generate a small-scale design proposal, based on a brief. The proposal should show design development from an initial concept, developing a series of spaces each displaying different architectural qualities and responding in some way to the site/spatial adjectives. You will demonstrate some understanding of site analysis and design process and idea generation.
Studio 1.3: design ARCH152	2	30	Proposes architectural outcomes for a given site following a rigorous, process-led design. You will interpret a brief and propose a solution to a small scale architectural problem.
Technology 1.2: structure and construction ARCH161	2	15	Introduces the principles of construction technology and in particular the common materials and systems in buildings. Introduces the principles of structural design, and in particular the loadbearing components and systems in buildings. Introduces aspects and examples of building technologies and construction sequences.

Please note: modules are illustrative only and subject to change.

Core and selected optional modules overview Year Two

Module title (Code)	Semester	Credit	Module description
Context 2.1: history and theory of architecture ARCH271	2	15	Investigates the attributes of selected examples of 20th century architecture and their associated cultural, social and intellectual framework and demonstrates, through building analysis, the influence of historical and theoretical concepts on the spatial, social and technological aspects of 20th century architecture.
Context 2.1: urban studies ARCH221	1	15	Cities and urbanisation are used as windows into the roles of architecture and design in the dynamics of human-environmental relationships. Its aim is to provide students as future designers, with an understanding of cities as complex ecological and cultural systems and to stimulate their thinking and skills in solving design problems in diverse urban situations, and in developing architecture and urban design solutions to challenges of the cities' sustainability and quality of life.
Design 2.1 ARCH202	1	30	You will design a small to medium size building, or a series of buildings of small to medium complexity, to a specific schedule of accommodation, and on a given site or number of sites. Students will address the architecture of public institutions and/or public housing and explore the qualities of public and private space and their respective thresholds. You will explore the concepts of type, context and urban morphology as parameters for architectural design are introduced, and explore the relationship between structure and enclosure of a building. You will investigate appropriate structures and materials, with awareness of acoustics, daylighting and lighting being introduced. You will produce a complete set of drawings and models for a final pin up assessment or portfolio review (typically consisting of a set of general arrangement drawings in scale 1/100, plus detailed drawings ranging from scale 1/1 to 1/50).
Environmental design II ARCH211	1	15	Introduces design of passive and active environmental systems for buildings, their integration into building fabric and structural systems, and selection of appropriate design options, equipment and materials.

Please note: modules are illustrative only and subject to change.

Continued over...

Core and selected optional modules overview Year Two (continued)

Module title (Code)	Semester	Credit	Module description
Studio 2.3: design ARCH252	2	15	This module is a continuation and further exploration of the issues investigated in **Design 2.1**. To design a public and/or institutional building (or series of buildings), and associated landscape, to a specific schedule of accommodation, and on a given site or number of sites. You will investigate concepts of type, context and urban morphology as parameters for architectural design, and explore the qualities of public and private space and their respective thresholds. You will design a building envelope exploring issues of building enclosure, structure and tectonics with your awareness of acoustics, daylighting and lighting being developed further. You will investigate appropriate structures and materials and produce a complete set of drawings and models for a final pin up assessment or portfolio review (typically consisting of a set of general arrangement drawings in scale 1/100, plus detailed drawings ranging from scale 1/1 to 1/50).
Technology 2.2: structural design ARCH261	2	15	You will explore how structural and associated technologies can be effectively and productively integrated into the architectural design process. Case studies will be used to illustrate how this integration of technological issues can be accomplished effectively. This module aims to build upon the Year One module, **Technology 1.2: structure and construction.**

Please note: modules are illustrative only and subject to change.

Core and selected optional modules overview Year Three

Module title (Code)	Semester	Credit	Module description
Context 3.1: history and theory of architecture ARCH321	1	15	Develops skills in the evaluation and presentation of a historical project through seminar-based group study. This module also presents an opportunity for you to work in areas where staff are active in research.
Environmental design III ARCH311	2	15	Introduces the design of environmental systems for large buildings. Gives insight and background for the selection of appropriate equipment and materials, and their integration into building fabric and structural systems. Provides the background needed to enter into technical discussions in design teams.
Practice management ARCH371	2	15	Provides a background in management theory and business organisation and how these relate to the management of design practices.
Studio 3.1: design ARCH302	1	30	Develops the necessary skills to design small and medium scale buildings taking into consideration a wide range of architectural, urban, socio-cultural, economic and political issues that are inherently connected with architectural practices.
Studio 3.2: design ARCH352	2	30	The final design project of the BA programme in Architecture provides an opportunity for you to demonstrate that you have acquired all the necessary skills to design a complex building and to explore the detailed resolution of selected technical aspects.
Technology 3.1: integrated technical project design ARCH361	1	15	Through the process of analysing contemporary construction and digital practices, you will develop your skills in working in a group and in detailed design and presentation. You will develop technical knowledge and awareness about the environmental performance of buildings; emerging technologies and their application in construction; contemporary digital practice and its application in architecture and construction; an understanding of contemporary construction practice techniques such as prefabrication; and the ability to represent/communicate technical solutions in appropriate ways and media.

Please note: modules are illustrative only and subject to change.

Core and selected optional modules overview Year Four (Year One of the MArch)

Module title (Code)	Semester	Credit	Module description
Design A **ARCH401**	1	15	Introduces graduate level architectural design, following your successful completion of Part 1 and/or professional practice. It contains in miniature all of the key elements of the MArch design agenda, including a short exercise in urban analysis and the complete design of a medium-sized building.
Design B **ARCH402**	1	15	Develops aspects of the individual urban buildings designed in the course of **Design A** to a detailed tectonic resolution. Design staff will collaborate with specialists to provide technical support.
Design C **ARCH403**	2	15	Introduces graduate level urban analysis and design, resulting in the manifestation of an urban strategy and the formulation of a project brief, which will form the basis of module **Design D**.
Design D **ARCH404**	2	15	You will carry forward your investigations in **Design C** by developing an urban site/building of medium complexity. The central objective of the project is to develop a building up to comprehensive level of resolution. As this project progresses, you are expected to revisit and build upon some of the conceptual lessons learnt in **Design C**.
Practice, management and contract law **ARCH405**	1	15	Provides the basic skills and understanding needed to run a small architectural practice, together with the legal and regulatory framework within which a small law practice operates, and key relationships with other professionals.
Research methods in architecture **ARCH480**	2	15	Examines key skills needed to prepare a written dissertation in architecture. This module consists of a series of lectures, seminars and exercises, with staff and final year student presentations covering their own research and dissertation preparation and methods. The overall aim of this module is assisting you to select, define and launch your dissertation project.
Sustainable construction and management **ARCH410**	1	15	This module encourages you to question traditional design processes and be creative in developing lean design strategies and processes. You will investigate and develop tools for the assessment of design quality and its life cycle. You will begin to appreciate life cycle concepts and their application to design and appreciate all design related environmental issues. You will develop an environmental specification for your design projects and select appropriate environmental technologies and design strategies to satisfy environmental specifications.
Urban design theory **ARCH406**	2	15	This module aims to introduce students to the origin, theories and key design principles of urban design. Students will be engaged in the debates on current issues and challenges faced in the discipline and wider urban environment, and increase their understanding of the design context for practice and the ways through which urban design theories, principles and best practice examples can be translated into local practice.

Please note: modules are illustrative only and subject to change.

Core and selected optional modules overview Year Five (Year Two of the MArch)

Module title (Code)	Semester	Credit	Module description
Design studies ARCH500	1	30	This module explores a changing current issue in contemporary architectural design. Visiting tutors engaged in professional practice or academia will bring an external (often international) perspective to the area of study. You will select a theme associated with a specific building type (eg education, healthcare, housing, commerce) or a theoretical agenda (eg architecture and tourism) which will identify as the thrust of the project. You will take part in an overseas study trip with a visiting tutor and staff which forms a catalyst for the project. You will take part in research and exploration in groups to determine the focus of the design agenda and projects can be developed into a specific building design, an urban strategy, or a theoretical architectural agenda. You will submit drawings, reports and models/constructions that will be presented to review panels for open forum discussion.
Dissertation ARCH504	1	30	The dissertation aims to provide an opportunity for you to explore an aspect of architecture (and closely related fields, such as urban studies, planning, art, computer aided design, etc) systematically and in detail, and to present your findings in an academic way. The exploration is important, as are the skills in academic writing.
Exchange studies (overseas) III ARCH542	1	30	You will take a module at the host institution equivalent to **Design studies**.
Project report ARCH583	2	15	The project report is prepared in conjunction with a major piece of design or research work (**Thesis design**) and aims to summarise the architectural and intellectual content of a project. The report requires you to demonstrate the structure and content of the contextual and focused research methodology; coherent development of a project; comprehensive strategies for the environmental, social and legal issues raised; clear identification of the main structural and constructional strategies needed; and the ability to understand and articulate a full range of architectural design issues.
Thesis design ARCH511	2	45	This provides the opportunity for final year students to demonstrate their ability to pursue an independent and coherent line of investigation in an architectural or urban study, leading either to a design or to a more theoretical presentation. In either event it is to be pursued with thoroughness, and supported by the thesis design report. You will demonstrate your ability to systematically develop an architectural/urban design agenda; pursue a coherent line of investigation; and undertake a range of complex design-based investigations leading to a comprehensive visual, written and oral presentation. The work will be placed within a wider cultural context that identifies the key technical, environmental and social implications of your project.

Please note: modules are illustrative only and subject to change.

Find out more

liverpool.ac.uk/study

Accommodation: **liverpool.ac.uk/accommodation**
Fees and student finance: **liverpool.ac.uk/money**
Life in Liverpool: **liverpool.ac.uk/study/undergraduate/welcome-to-liverpool**
Student Welfare Advice and Guidance: **liverpool.ac.uk/studentsupport**
Undergraduate enquiries and applications: **T: +44 (0)151 794 5927**

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