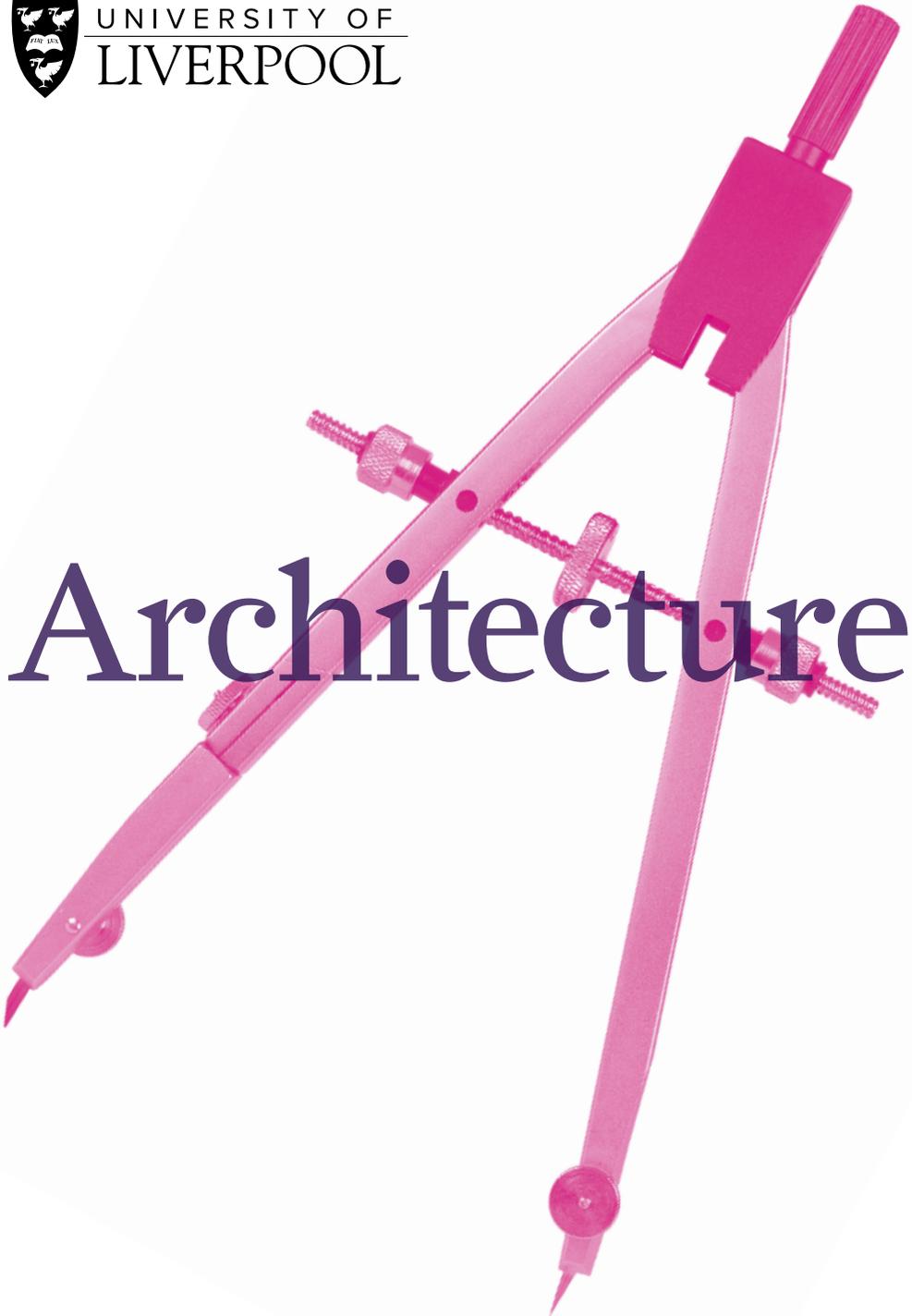




UNIVERSITY OF
LIVERPOOL

Architecture



Contents

Research-led teaching 01

Why choose Architecture
at Liverpool? 02

Example student timetable 05

End of year show 06

Invest in your future 07

Degrees 08

Module details 12



Research-led *teaching*

At Liverpool School of Architecture you will be taught by fully qualified architects with a wealth of experience and professional knowledge as well as leading academics and world-class researchers. Their work was recognised in the most recent Research Excellence Framework (REF) where 40% of our outputs were rated 4*, (3rd place nationally on this measure). This expertise and knowledge feeds directly into our curriculum and means our students benefit and are prepared for a successful career in architecture.

Find out more about our research at
www.liverpool.ac.uk/architecture/research



Why choose **Architecture** at *Liverpool*?

We are driven by the pursuit of design excellence for the 21st century, inspired by the creativity of the city we call home and founded on providing the solid practical skills you will need in practice. Our staff expertise and research feed directly into our curriculum, which will benefit you while you are here and prepare you for a successful career in architecture.

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, REF 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

Our location in the heart of the world heritage port city of Liverpool means we respond to its outward-looking international focus. 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 understand art and technology as complementary aspects of the study and creation of architecture. We focus on creating 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, but also enable choice by allowing you to choose from a variety of design briefs as well as assignments throughout the programme.

Thrive in our studio environment

Our students work in one of the most visually exciting architectural studios in the UK. The RIBA award-winning space stimulates creativity and reflects the working environment of architects in practice. Whether you are interested in design, built form, the construction process or urban regeneration, you will gain the unique skills here that you will need to work in the local, regional and international communities of the future.

Choose a university which is at the vanguard of Architecture education

We are the oldest university School of Architecture; the first in the world to have Royal Institute of British Architects (RIBA) accredited programmes, gaining accreditation in 1906. We were therefore responsible for setting the standard for architectural education and have maintained it ever since. Our alumni include Sir James Stirling, after whom the RIBA Stirling Prize was named.

Liverpool offers a fantastic studio culture, it seems to be unlike any other school, everybody is really friendly and it just has a great vibe. The quality of teaching at Liverpool is fantastic, the tutors are helpful and supportive and many of the people you learn from are industry professionals. The School also hosts a variety of guest lectures that really help inform the decisions you make in the studio.

Kurtis Gentry
Architecture BA (Hons)

Good to know: 123

Year One undergraduates in 2016

9th

in the UK for 4* and 3* research (REF 2014)

87%

are employed or in further study within six months of graduating (Destination of Leavers from Higher Education 2014/15)

Top 10

Complete University Guide



Offers study abroad opportunities



Offers a Year in China

RIBA 

arb
Architects Registration Board

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 www.liverpool.ac.uk/goabroad

Year in China

The Year in China is the University of Liverpool's exciting 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 www.liverpool.ac.uk/yearinchina for more information.

How you learn

Year One of the programme comprises of 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 largescale buildings with a high degree of complexity.

How you are assessed

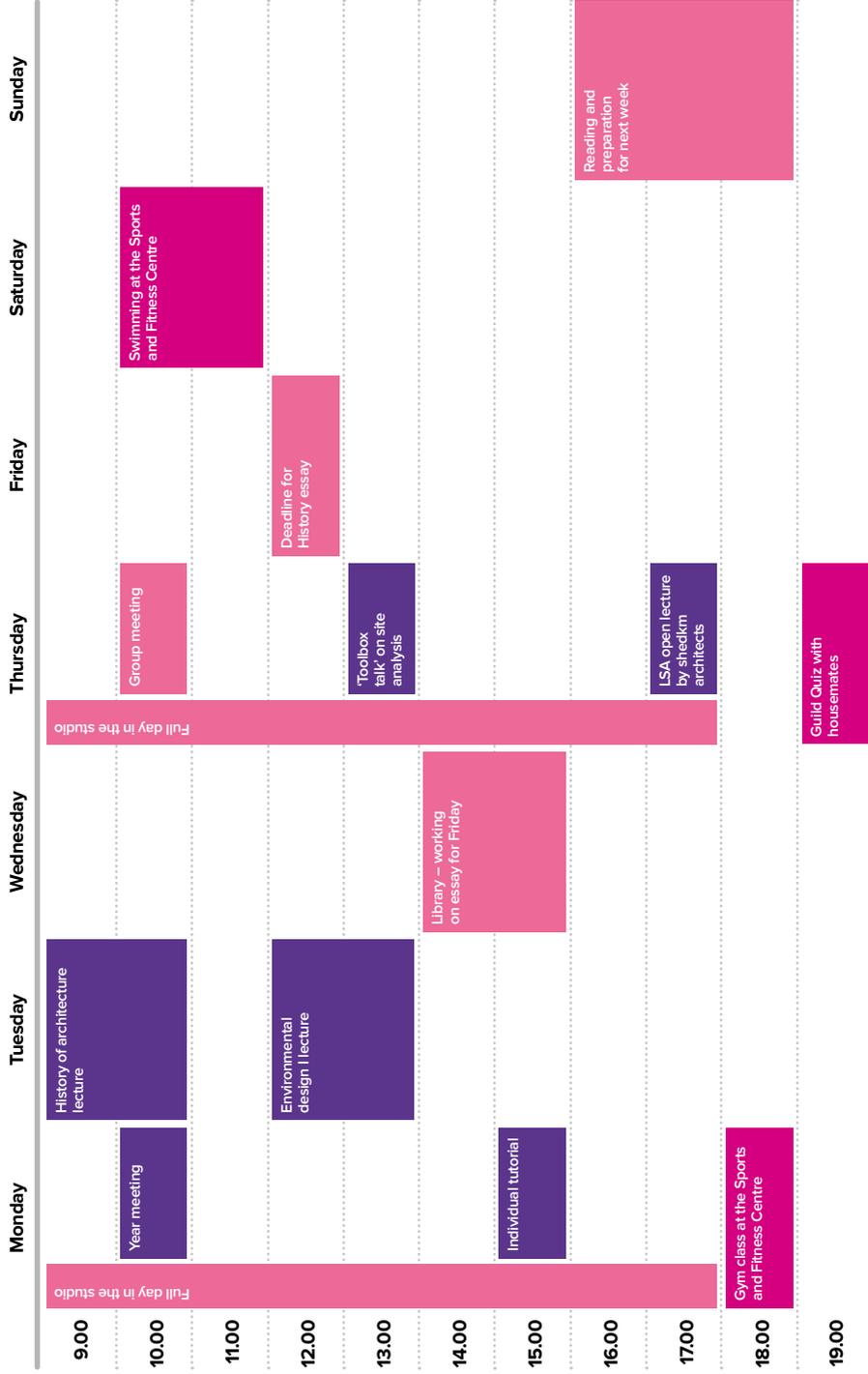
Written exams count for roughly 25% of your overall marks, with the balance coming from the creativity, reasoning and imagination you've shown in your work during the programme. In the studio modules, assessment is always carried out by a team of staff, who review all of the designs to arrive at a consensus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

Liverpool School of Architecture's strength is that it's deeply rooted in the city and is a fundamental part of a buzzing, collegiate campus. The School's stated aim of understanding global context and excellent local application has had a profound effect on the regeneration of the city and has helped position it as an international institution.

Alan Dunlop
RSA Royal Gold Medal for Architecture

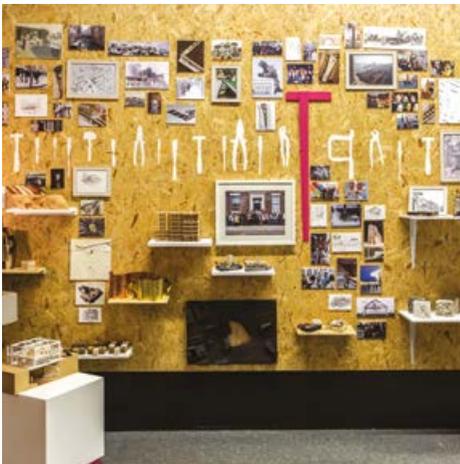
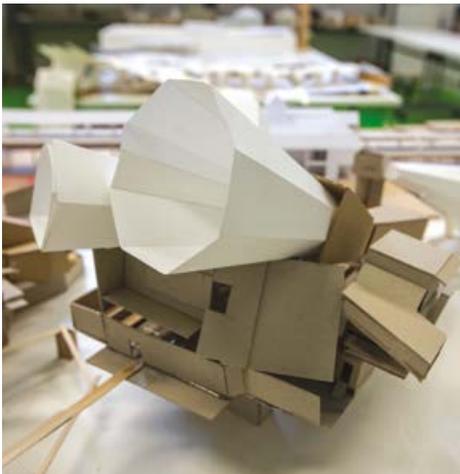
Timetable

Semester One *Typical week*



End of year show

Every year, and with the support of staff and students from all year groups, our graduating students put together an exhibition to showcase their work. This public event is visited by architects and visitors from across the country. It not only marks the end of the academic year but also provides graduates with an opportunity to demonstrate their skills to potential employers and the general public.



A selection of work from our graduates.

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 work for major international architects, in publishing, the Arts Council and multidisciplinary think tanks. Pop music, games design and the fashion industry claim recent graduates too, as do other areas of the construction industry and property development.

Recent employers of our graduates

- AHMM
- Allies and Morrison
- Arup
- BDP
- Foster + Partners
- Hampshire County Council
- Hodder + Partners
- Rosenbergs Arkitekter, Stockholm
- shedkm
- Skidmore, Owings and Merrill
- Wilkinson Eyre.

Work experience opportunities

Before commencing RIBA part II graduates need to undertake one year's full-time work in an architect's office. To facilitate this, we provide informal help in putting potential employers in contact with our graduates.

Postgraduate opportunities

- Advanced Collaborative Design MSc* (subject to validation)
- Advanced Transdisciplinary Design MSc*
- Architecture MA
- Arts MRes
- Building Information Modelling (BIM)
- Digital Integrated Design MSc
- Master of Architecture MArch
- Sustainable Environmental Design in Architecture (SEDA) MSc.

*Based in our London campus.

Make yourself employable

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

- Design and conceptual skills
- Ability to solve complex problems through innovative design solutions
- Team working skills
- 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.

There are a great number of tools and machines to assist students with their models. The most popular one is the laser cutter. It will cut your material into the shape you want very quickly once the machine has downloaded your drawing. The workshop also has the materials for making models, such as MDF board and acrylic. There are always experienced technicians in the workshop to assist you when you have some problems.

Mi Dong
Architecture BA (Hons)

Degrees

	Page
Architecture BA (Hons) K100 3 years ①	08
Architecture MArch 2 years ②	09
Degrees offered with other departments	
Architectural Engineering BEng (Hons) HK26 3 years	10
Architectural Engineering MEng (Hons) HK28 4 years	10

① Gives exemption from RIBA Part I exam.

② Apply directly to School. First degree 2.1 or above and RIBA Part I required.

See www.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 and theory and technology (structure, construction and environmental design).

It combines individual creativity with knowledge and understanding of a broad variety of technical and cultural issues, which constitute the context within which design takes place. The programme requires successful graduates to demonstrate through a coherent portfolio of work their ability to:

- Produce architectural proposals that are aware of the history and theory of the discipline, are based on an understanding of society and its culture, and make appropriate use of the built and natural environments
- Combine imaginative design with demonstrable skills in clear and up-to-date communication techniques, knowledge of constructional and environmental techniques, and awareness of the professional role of the architect.

Each year contains core modules in history of architecture and planning; building technology and structures; and environmental science and design. In addition you will have the opportunity to take modules in design computing and sustainable environment. Students combine these modules with studio design. The design studio is the dominant focus, taking up 50% of the module load in each year.



Work placement

Before commencing RIBA Part II graduates need to undertake one year's full-time work in an architect's office. To facilitate this, we provide informal help in putting potential employers in contact with graduates.

Key modules

Compulsory modules

Year One

- Context 1.1: history of architecture
- Context 1.2: architecture and the built environment
- Environmental design I
- Studio 1.1: design communication
- Studio 1.2: design
- Studio 1.3: design
- Technology 1.2: structure and construction.

Year Two

- Context 2.1: history and theory of architecture
- Context 2.1: urban studies
- Design 2.1
- Environmental design II
- Studio 2.3: design
- Technology 2.2: structural design.

Year Three

- Context 3.1: history and theory of architecture
- Design studies dissertation
- Environmental design III
- Practice management
- Studio 3.1: design
- Studio 3.2: design
- Technology 3.1: integrated technical project design.

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 qualification available to students with an appropriate first degree in architecture or a closely related subject. On successful completion, RIBA Part II is awarded to those students who already have RIBA Part I and these students become eligible to prepare for the RIBA Part III professional practice examination. Applicants should apply directly to the School. First degree 2.1 or above and RIBA Part I required.

Programme in detail

The overall aim of the programme is to extend and intensify your knowledge and understanding of architecture and the built environment through guided and independent study. This is achieved through exploratory programmes carried out in a stimulating environment of developing academic and professional skills. The main components of this two-year full-time programme are design projects, lecture and workshop courses, a dissertation, and an optional student foreign exchange programme. Examination and assessment is primarily by studio presentations and coursework submissions. The Master of Architecture programme engages further with specialist areas of study at the forefront of academic and professional research.

Key modules

Compulsory modules

Year One (Year Four)

- Construction and management
- Design A
- Design B
- Design C
- Design D
- Practice, management and contract law
- Research methods in architecture.

Year Two (Year Five)

- Design studies
- Dissertation
- Exchange studies (overseas) III
- Project report
- Thesis design studies (overseas) III.

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 incorporating 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.

This programme is currently under assessment for accreditation by the Joint Board of Moderators for the Institute of Civil Engineers (ICE), Institution of Structural Engineers, Institute of Highway Engineers and the Chartered Institution of Highways and Transportation. It also satisfies the academic requirements for registration as a Chartered Engineer.

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



Core and selected optional modules overview

Year One

Module title	Semester	Credit	Module description
Context 1.1: history of architecture	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 twentieth century.
Context 1.2: architecture and the built environment	2	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	1	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	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	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	2	15	Proposes architectural outcomes for a given site following a rigorous, process-lead design. You will interpret a brief and propose a solution to a small-scale architectural problem.
Technology 1.2: structure and construction	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 may not be available across all programmes, please check programme specific module lists on pages 08-10.

Core and selected optional modules overview

Year Two

Module title	Semester	Credit	Module description
Context 2.1: history and theory of architecture	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	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, to understand cities as complex ecological and cultural systems, 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	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; address the architecture of public institutions and/or public housing; explore qualities of public and private space and their respective thresholds; concepts of type, context and urban morphology as parameters for architectural design are introduced; explore the relationship between structure and enclosure of a building; investigate appropriate structures and materials; awareness of acoustics, daylighting and lighting is introduced 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).
Environmental design II	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 may not be available across all programmes, please check programme specific module lists on pages 08-10.

Core and selected optional modules overview

Year Two (continued)

Module title	Semester	Credit	Module description
Studio 2.3: design	2	30	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; investigate concepts of type, context and urban morphology as parameters for architectural design; explore qualities of public and private space and their respective thresholds; design of a building envelope exploring issues of building enclosure, structure and tectonics; design of a building envelope exploring issues of building enclosure, structure and tectonics; awareness of acoustics, daylighting and lighting is further developed; 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	2	15	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 may not be available across all programmes, please check programme specific module lists on pages 08-10.



Core and selected optional modules overview

Year Three

Module title	Semester	Credit	Module description
Context 3.1: history and theory of architecture	1	15	Develops skills in the evaluation and presentation of an 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.
Design studies dissertation	1 and 2	30	Provides 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. Develops research skills and skills in academic writing (and/or other approved medium for presentation) for a substantial piece of personal work.
Environmental design III	2	15	Introduces the design of environmental systems for large buildings. Give 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	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	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	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	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. 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, the ability to represent/communicate technical solutions in appropriate ways and media.

Please note: modules may not be available across all programmes, please check programme specific module lists on pages 08-10.

Core and selected optional modules overview

Year Four

Module title	Semester	Credit	Module description
Construction and management	1	30	Encourages you to question traditional design processes and be creative in developing lean design strategies and processes; to investigate and develop tools for the assessment of design quality and its life cycle; to appreciate life cycle concepts and their application to design; to appreciate all design related environmental issues; to develop environmental specification for your design projects; to select appropriate environmental technologies and design strategies to satisfy environmental specifications.
Design A	1	15	Introduces graduate level architectural design, following your year in 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	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	1	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 module Design D .
Design D	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	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	2	15	Examines key skills needed to prepare a written dissertation in architecture. It consists of a series of lectures, seminars and exercises, and staff and final year student presentations covering their own research and dissertation preparation and methods, with the overall aim of assisting you to select, define and launch their dissertation projects.

Please note: modules may not be available across all programmes, please check programme specific module lists on pages 08-10.

Core and selected optional modules overview

Year Five (Year Two of the MArch programme)

Module title	Semester	Credit	Module description
Design studies	1	30	Explores a changing current issue in contemporary architectural design. Visiting tutors engaged in professional practice or academia bring an external (often international) perspective to the area of study. A theme associated with a specific building type (eg education, healthcare, housing, commerce) or a theoretical agenda (eg architecture and tourism) identifies the thrust of the project. An overseas study trip with a visiting tutor and module staff forms a catalyst for the project. Research and exploration is undertaken in groups to determine the focus of the design agenda. 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 are presented to review panels for open forum discussion.
Dissertation	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 their findings in an academic way. The exploration is important, but so are the skills in academic writing (or some other appropriate medium of expression).
Exchange studies (overseas) III	1	30	You will take a module at the host institution equivalent to Design studies .
Project report	2	15	The project report is prepared in conjunction with a major piece of design or research work Thesis design studies (overseas) III 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, legal issues raised; clear identification of the main structural and constructional strategies needed; the ability to understand and articulate a full range of architectural design issues.
Thesis design studies (overseas) III	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 their project.

Please note: modules may not be available across all programmes, please check programme specific module lists on pages 08-10.

Find out more

www.liverpool.ac.uk/study

Accommodation: www.liverpool.ac.uk/accommodation

Fees and student finance: www.liverpool.ac.uk/money

Life in Liverpool: www.liverpool.ac.uk/study/undergraduate/welcome-to-liverpool

Student Welfare Advice and Guidance: www.liverpool.ac.uk/studentsupport

Undergraduate enquiries and applications: T: +44 (0)151 794 5927

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Information provided is correct at time of going to press and is subject to change.