

**PROGRAMME SPECIFICATION**

For the award of

**MArchD Applied Design in Architecture**

**Managed by the Faculty of Technology, Design and Environment**

**Delivered by the School of Architecture**

<b>Date approved:</b>	Date approval confirmed, on recommendation of University validation panel or other authorised body.
<b>Applies to students commencing study in:</b>	September 2018

**RECORD OF UPDATES**

<b>Date amended*</b>	<b>Nature of amendment**</b>	<b>Reason for amendment**</b>
July 2016	Transferred to new template	CMA Compliance
October 2016	Checked for errors and amended by Subject Coordinator and Programme Lead.	Subject specialist knowledge.

## SECTION 1: GENERAL INFORMATION

<b>Awarding body:</b>	Oxford Brookes University
<b>Teaching institution and location:</b>	Oxford Brookes University, Headington Campus
<b>Language of study:</b>	English
<b>Final award:</b>	Master of Architectural Design (MArchD)
<b>Programme title:</b>	Applied Design in Architecture
<b>Interim exit awards and award titles available:</b>	PG Diploma Architectural Design (exit award) PG Certificate Architectural Design (exit award)
<b>Brookes course code:</b>	BE55
<b>UCAS code:</b>	P047904
<b>JACS code:</b>	K100
<b>HECoS code:</b>	100583
<b>Mode of delivery:</b>	Full-time (face to face/on-campus)
<b>Mode/s and duration of study:</b>	Full time 2 years, maximum 5 years
<b>QAA subject benchmark statement/s which apply to the programme:</b>	<i>Architecture</i> (2010)
<b>Professional accreditation attached to the programme:</b>	RIBA/ARB Part 2 Qualification Architects Registration Board (ARB) <a href="http://www.arb.org.uk">www.arb.org.uk</a> Royal Institute of British Architects (RIBA) <a href="http://www.architecture.com">www.architecture.com</a>
<b>University Regulations:</b>	The programme conforms to the University Regulations for the year of entry as published/archived at: <a href="http://www.brookes.ac.uk/regulations/">http://www.brookes.ac.uk/regulations/</a>

## **SECTION 2: WHY STUDY THIS PROGRAMME?**

This Applied Design in Architecture programme makes design its primary focus, but it also has a stronger than usual emphasis on design specialisation and research. The programme aims to offer some radically contrasting views of architecture and to explore very diverse cultural contexts while strengthening graduate employability.

The School of Architecture has a portfolio of high quality research that supports the programme's distinction including:

- Low Carbon Building and Architectural Technology
- Architectural Humanities
- Development Practices
- Urban Design
- Live Projects

The School of Architecture is a major contributor to the *Oxford Institute for Sustainable Development* and each of the School's five cross-discipline research groups with over 40 research active staff and 40 doctoral students. The Applied Design in Architecture programme staff includes anthropologist, physicist, specialist engineers, conservationist, energy experts, humanitarian and disaster practitioners in addition to practicing architects and artists to support the unique specialisation agendas.

Our strong, diverse link between teaching and research:

- Ensures a particularly high level of awareness of current global architectural issues across the taught courses
- Assists students to operate at high, often internationally leading, levels of expertise
- Supports areas of specialisation teaching within the Applied Design in Architecture programmes

The Applied Design in Architecture programme is founded on the recognition that many different kinds of architects are needed by society. It is structured to enable students to engage with current public expectations of architectural practice and with the adaptive and increasingly complex demands of design. The programme aims to produce graduates who are intellectually and professionally equipped to serve society as creative architects. In particular, it combines a rigorous design-based education with the opportunity to develop skills within a chosen specialist field. Students are encouraged to make focused choices concerning their own education and the programme allows each student to select an individual programme of work depending upon individual insights, interests and experience.

The first two semesters are geared toward acquiring in depth or specialist knowledge of an aspect of architecture. This is done through a range of six specialist programmes (called 'Design Specialisations') which are linked to the School's Masters programmes, complemented by research, representation and practice components which aim to integrate specialist skills and knowledge into a broader and more inclusive design agenda.

The Design Specialisations are: Advanced Architectural Design, Development and Emergency Practice, Sustainable Building: Performance and Design, International Architectural Regeneration and Development, Urban Design and Research-led-design. Research-led-Design allows for self-initiated research projects including design-based research.

The second two semesters of the programme are structured to enable students to synthesise a very broad range of complex cultural, aesthetic and technical factors into their architectural design process.

The programme provides architects in training (including those with RIBA/ ARB Part 1 qualification) the opportunity to study for a further qualification and gain exemption from the RIBA/ ARB Part 2 Examination. Upon successful completion of the programme, graduates may enter into further practical training, and when appropriate, return to complete the School's RIBA/ARB Part 3 programme. This latter

programme is intended to prepare students for the examination in Management Practice and Law, which qualifies students to apply for admission to the Register of Architecture.

Please refer to the following link to view the staff profiles within the School of Architecture:

<http://architecture.brookes.ac.uk/staff/>

## **SECTION 3: PROGRAMME LEARNING OUTCOMES**

On successful completion of the programme, graduates will demonstrate the following Brookes Attributes:

### **3.1 ACADEMIC LITERACY**

- .1 Generate complex design proposals documenting both the understanding of relevant architectural debates and originality in the application of subject and specialisation knowledge and where appropriate, hypothetical and speculative experimentation.
- .2 Critically evaluate and select materials, processes and techniques from the field of architectural design and building construction in relationship to design concepts and integrate these systematically into practicable design proposals.
- .3 Engage with various forms of art, technology and design specialisation within architectural processes.
- .4 Take and defend positions regarding the meaning and value of design expressions in the contexts from which they emerge.

### **3.2 RESEARCH LITERACY**

- .1 Demonstrate originality in the application of knowledge together with a practical understanding of how established techniques of interdisciplinary research and enquiry in the architectural subjects are used to create to produce clear, logically argued and original written work relating to culture, theory and design.
- .2 Act autonomously in designing and implementing a substantial project relevant both to society and to design-based architectural research.
- .3 Define problems and their causes, and initiates a range of abilities and resources from the architectural subject areas to make professional judgements, recommendations, or carry out plans.

### **3.3 CRITICAL SELF-AWARENESS AND PERSONAL LITERACY**

- .1 Identify individual learning needs and demonstrate a critical understanding in accessing learning support and needs and accept personal responsibility required to prepare for qualification as an architect.

### **3.4 DIGITAL AND INFORMATION LITERACY**

- .1 Critically evaluate and apply knowledge from a comprehensive range of advanced digital and informational resources within subject areas to organise, test, analyse, critically appraise and communicate design ideas and solutions to both the expert and non-expert audiences.

### **3.5 ACTIVE CITIZENSHIP**

- .1 Demonstrate a critical understanding of the ethical dimension of architectural practice, including managing the implications of local, global and cultural dilemmas facing the architect and the construction industry and working proactively in processes of procurement, building production and under legislation.

## **SECTION 4: CURRICULUM CONTENT & STRUCTURE**

### **4.1 PROGRAMME STRUCTURE AND REQUIREMENTS:**

#### **YEAR 1: Research into Design Stage**

<b>Code</b>	<b>Module Title</b>	<b>Credits</b>	<b>Level</b>	<b>Status</b>	<b>Coursework: Exam ratio</b>
P30026	Research Methods for Design	10	7	Compulsory	100%CW
P30027	Representation	10	7	Compulsory	100%CW
P30028	Management, Practice and Law 1	10	7	Compulsory	100%CW

#### **Design Specialisations (choose one of six routes – 80 Credits total)**

##### **Advanced Architectural Design (AAD)**

<b>Code</b>	<b>Module Title</b>	<b>Credits</b>	<b>Level</b>	<b>Status</b>	<b>Coursework: Exam ratio</b>
P30051	Advanced Architectural Design Research	30	7	Alternative compulsory	100%CW
P30052	Advanced Architectural Design Representation and Realisation	50	7	Alternative compulsory	100%CW

##### **Development and Emergency Practice (DEP)**

<b>Code</b>	<b>Module Title</b>	<b>Credits</b>	<b>Level</b>	<b>Status</b>	<b>Coursework: Exam ratio</b>
P30303	Independent Study	10	7	Alternative compulsory	100%CW
P30305	Conflict, Violence and Humanitarianism	20	7	Alternative compulsory	100%CW
P30307	Working with Conflict: practical skills and strategies	10	7	Alternative compulsory	100%CW
P30309	Refugees: Forced Migration, Protection and Humanitarianism	20	7	Alternative compulsory	100%CW
P30311	Critical Inquiry Development and Emergencies: Theory and Policy	20	7	Alternative compulsory	100%CW
P38164	Shelter After Disaster	20	7	Alternative compulsory	100%CW
P30313	Disasters, Risk, Vulnerability and Climate Change	20	7	Alternative compulsory	100%CW
P30314	Human Rights and Governance	20	7	Alternative compulsory	100%CW
P30018	Programming and Partnerships	10	7		100%CW
P30316	Humanitarian Action: responding to crises in 21 <sup>st</sup> Century	10	7	Alternative compulsory	100%CW
P38162	Globalisation: Environment and Development	20	7	Alternative compulsory	100%CW

### Sustainable Building: Performance and Design (SBPD)

Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P30401	Building Physics	20	7	Alternative compulsory	100%CW
P30402	The Sustainable Built Environment	20	7	Alternative compulsory	100%CW
P30414	Building Simulation and Design in Context	40	7	Alternative compulsory	100%CW

### International Architectural Regeneration and Development (IARD)

Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P30022	Vernacular Architecture, Sustainability and Development	10	7	Alternative compulsory	100%CW
P30025	Architecture, Culture and Tradition	20	7	Alternative compulsory	100%CW
P30201	Regeneration and Development Project	30	7	Alternative compulsory	100%CW
P30205	Applications in Regeneration	20	7	Alternative compulsory	100%CW
P30380	Master Classes	10	7	Alternative compulsory	100%CW
P32073	Urban Design Theory I	10	7	Alternative compulsory	100%CW
P38162	Globalisation, Environment and Development	20	7	Alternative compulsory	100%CW
P38167	Development and Urbanisation	20	7	Alternative compulsory	100%CW
P32081	Urban Design Development Seminars	10	7	Alternative compulsory	100%CW

### Research-led Design (RLD)

Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P30035	Research-led Design I	40	7	Alternative compulsory	100%CW
P30036	Research-led Design II	40	7	Alternative compulsory	100%CW

### Urban Design (UD)

Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P32072	Urban Design Studio I	10	7	Alternative compulsory	100%CW
P32073	Urban Design Theory I	10	7	Alternative compulsory	100%CW
P32074	Urban Design Practice I	10	7	Alternative compulsory	100%CW
P32076	Urban Design Issues I	10	7	Alternative compulsory	100%CW

P32077	Urban Design Studio II	20	7	Alternative compulsory	100%CW
P32080	Urban Design Practice II	10	7	Alternative compulsory	100%CW
P32081	Urban Design Development Seminars	10	7	Alternative compulsory	100%CW

## YEAR 2: Design and Technology Stage

Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P30037	Design Studio I	30	7	Compulsory	100%CW
P30034	Design Studio II	50	7	Compulsory	100%CW
P30030	Advanced Technology for Design	30	7	Compulsory	100%CW
P30031	Management, Practice and Law 2	10	7	Compulsory	100%CW

## YEAR 1 or 2: Optional Module

Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P30088	Independent Study	10	7	Optional	100%CW

## 4.2 PROGRESSION AND AWARD REQUIREMENTS

The Applied Design in Architecture programme is a full time mode of study and has a normal duration of two years, full-time study. To qualify for the award of a PGCert, a PGDip or a Master's degree a student shall have completed all the modules for the award within a maximum of five years of study after the initial registration date.

Year 1 of study is the Research into Design Stage and Year 2 of study is the Design and Technology stage.

### 4.2.1 Conditions for Progression

To progress to the 'Design and Technology' stage, a student must pass all compulsory components for the 'Research into Design' Stage; 80 credits [Level 7] for the chosen design specialisation, 20 credits [Level 7] for the Research Methods for Design, 10 credits [Level 7] for Representation and 10 credits [Level 7] for Management, Practice and Law 1.

### 4.2.2 Conditions for Awards

The following awards and M level credit ratings shall apply to the MArchD postgraduate programmes:

- **Master of Architectural Design**

To qualify for the Master of Architectural Design Applied Design in Architecture, a student must complete a minimum of 240 level 7 credits and achieve a minimum of 50% for each element of assessment for the module. The student must pass all year one and year two compulsory modules.

- **Award of Postgraduate Diploma:**

To qualify for the award of Postgraduate Diploma Architectural Design, a student must complete a minimum of 120 Level 7 credits and achieve a minimum of 50% for each element of assessment for the module. The student must pass all year one compulsory modules.

- **Award of Postgraduate Certificate:**

To qualify for the award of Postgraduate Certificate Architectural Design, a student must complete 60 Level 7 credits and achieve a minimum of 50% for each element of assessment for the module.

#### 4.2.2 Conditions for Award with Distinction or Merit

Distinctions may be awarded to Master of Architectural Design Applied Design in Architecture students who achieve an overall average mark of 70% or above including an overall average mark of 68% or above in module P30034 Design Studio – 50 Credits.

Merit may be awarded to Master of Architectural Design Applied Design in Architecture students who achieve an overall average mark of 60% or above including an overall average mark of 58% or above in module P30034 Design Studio – 50 Credits.

#### 4.2.3 Conditions for Programme Award with Commendation

Commendation may be awarded to students who are awarded a MArchD with Merit or Pass but achieve an overall average mark of 70% *or* above in a subject area: design (P30037 30 Credits + P30034 50 Credits), technology(P30030: 30 Credit), cultural context(P30026 and P30027: 30 Credit), management, practice and law(P30028 and P30031: 20 Credits). This is a programme award (and it is separate from your degree classification) and is evidenced by a letter signed by the Head of School.

No student may be awarded both a distinction and commendation. Students may be awarded both a Merit or Pass and Commendation.

#### 4.2.4 Compensation

The Postgraduate Examination Committee may **not** compensate for failure in any assessment element in the compulsory or alternative compulsory modules.

### 4.3 PROFESSIONAL REQUIREMENTS

The Applied Design in Architecture programme is validated by the Professional Statutory Regulatory Bodies, the Architects Registration Board and the Royal Institute of British Architects and leads to exemption of the Part 2 Examination. Graduates of the programme achieve the award of Master of Architectural Design Applied Design in Architecture and demonstrate the ARB/RIBA Part 2 Graduate Attributes described through the ARB/RIBA General and Professional Criteria. Both The ARB/RIBA Part 2 Graduate Attributes and the ARB/RIBA General and Professional Criteria are compiled from the QAA benchmarking statement, May 2010, the joint Architects Registration Board/ Royal Institute of British Architects Criteria, Sept 2011, and Article 46 of the Directive of 2005/36/EC of the European Parliament and of the Council. Also see Appendix 1.

## SECTION 5: TEACHING AND ASSESSMENT

Teaching, learning and assessment practices are fundamental and integrated within the programme promote learning and enable students to demonstrate programme learning outcomes. The Applied Design in Architecture programme employs a wide range of teaching and learning methods; lectures, seminars, crits, cross-crits between design studios, tutorials, peer assisted learning, self-directed learning, site visits, office visits, field trips, and on-line learning.

#### 5.1.1 Teaching

The teaching activities are held primarily at the university and run for two days to three days per week for full time students and depend upon the specialisation chosen. This contact time involves teaching activities such as:

- Lectures and seminars, including student-led seminars
- Workshops
- Fieldwork and external site visits
- Crits, Group and one-to-one tutorials

Modules range from 10 to 50 credits.



Each 20 credit taught module will include between 20 and 30 contact hours with staff and 170 to 180 hours of independent study. Independent study is both for individual and group work and study which typically takes place in the design studio, library, and other university facilities or on project sites and at home. A number of modules require studying real buildings and or sites and meeting groups of people outside the university.

The programme includes one or more field trips, which provide students with the opportunity to directly experience the application of specialisation in the built environment.

### 5.1.2 Learning

The programme is designed for self-motivated and independent individuals with experience in higher education. The programme expects students to take control of their learning and probe deeper into the material covered in the contact session by further independent reading and study.

### 5.1.3 Assessment

The programme encourages all students to reflect on their performance in individual modules but also to reflect on the relationship between assessment and coursework between modules that run in parallel and that are pre-requisites for year 2 modules. Architecture looks to individuals to be self-directed in their learning and to assess and reflect on their own progression throughout the two years of the programme

Each module will set out one or more assessment elements that enable students to structure their learning and demonstrate the learning outcomes. Assessment elements are designed to progress students through the five core postgraduate attributes supporting individual *abilities, personal qualities and transferable skills* include:

- Case study analysis, evaluations and graphic project work presented as a report, essays, oral presentation, designs and portfolios
- Critical and research essays and reports resulting from guided and independent study
- Two or more substantive projects resulting from formulation of research and experimentation. The Specialisation Modules gives the opportunity to develop expert knowledge resulting from through research essays and presentations. The Design Studio Modules (Module P30037 and P30034) gives the opportunity for the application and expansion of the material generally presented in the programme through guided and independent research

One or more member of staff regularly provides written and verbal feedback on the progression and completion of coursework. Verbal feedback occurs in group seminars, individual tutorials and design review crits where external experts in the subject are often invited to contribute to feedback. A sample programme work assessment feedback form can be found in Appendix of the programme handbook. The assessment undertaken in all modules is moderated.

The Design Studio modules are marked by two assessors who subsequently agree a grade. Where agreement cannot be reached, a third assessor is asked to assess the work and all three assessors agree on a final mark. Further details on the assessment process can be found in the Post Graduate Regulations.

### 5.1.4 Specialisation Module Assessment

Final assessment of design specialisation modules is carried out immediately following the period of study that has been selected. Modules are assessed, moderated and external examined by the master programme's Subject Course team, External Examiner and the Examination Committee responsible for delivering the individual Specialisation module. Ratified marks of design specialisation modules are then incorporated into mark sheets prepared for the Applied Design in Architecture programme Examination Committee for conferment of the final award.

### 5.1.3 Portfolio Assessment Requirements and External Examination

Near the end of the Applied Design in Architecture programme all assessment and process work from year one and two modules are submitted as a single portfolio. This portfolio submission demonstrates how each of the programme learning outcomes contributing to the ARB/RIBA Part 2 attributes are met and includes work such as essays, sketchbooks, models, drawings, animations and films etc. in the appropriate physical or electronic format.

Every student presents their portfolio and display of work to an internal assessment panel, and a sample of students present to an External Examiner to consider the assessment process and the overall Part 2 learning outcomes. The award of the Master of Architectural Design Applied Design in Architecture Part 2 follows ratification by the Examination Committee based on the collation of marks and the confirmation of the External Examiner that the portfolio submission demonstrates RIBA/ARB Part 2 Graduate Attributes.

The Postgraduate Programme Examination Committee reviews the proposed assessments for each module annually to ensure that assessments adequately reflect learning outcomes and that assessment levels are comparable with other programmes of the same level.

The programme employs the five fundamental tenets of [Oxford Brookes University Assessment Compact](#) to encompass all judgements made about the work of a student and/or their skills, abilities and progress, and the associated provision of feedback.

## **SECTION 6: ADMISSION TO THE PROGRAMME**

### **6.1 ENTRY REQUIREMENTS**

Prior qualifications necessary for entry to the programme, including English language requirements.

#### *6.1.1. Conditions for admission*

Normally, it is expected that candidates for the Applied Design in Architecture programme will have a background and experience that includes undergraduate architectural studies. Some may have been working in related fields for a number of years and seek to further develop their skills in an academic environment. A wide range of interests and skills is particularly relevant to the interdisciplinary nature of Architecture.

All candidates for admission to a postgraduate programme in the School of Architecture must meet the two core requirements below (6.1.1.1 and 6.1.1.2) in terms of previous education and ability to work at the postgraduate level in the English Language.

Please see the university's general entry requirements: <http://www.brookes.ac.uk/studying-at-brookes/how-to-apply/entry-requirements/postgraduate-courses/>

### 6.1.1.1 Core Requirements: Previous Education

Admission to the programme will normally be open to applicants who fulfil one of the following requirements:

- Hold an approved undergraduate honours degree (or equivalent) at 2:2 or above in Architecture or a discipline relevant to Architecture;
- Have an appropriate professional background and experience of designing architecture, or designing in a discipline that has a strong relationship or similarities to architecture.

### 6.1.1.2 Core Requirements: English Language

Applicants whose first language is not English must demonstrate that their level of English is appropriate for study at postgraduate level. In addition to the academic entry qualifications for their chosen programme, applicants must have one of the following or an equivalent qualification acceptable to the University:

- British Council IELTS: level 6 (preferably 6.5) on the 'Academic' test, with a minimum score of across all four components of the test. Please see the University Website for alternate equivalent test.
- If you need a Tier 4 student visa to enter the UK you will need to meet the UK Visa and Immigration (UKVI) minimum English language requirements.

Please also see the university's general English language requirements:

<http://www.brookes.ac.uk/international/applying-to-arriving/how-to-apply/english-language-requirements/>

### 6.1.2 Dispensation

In exceptional circumstance, where applicants can show that they have qualifications or experience or both that demonstrate that they have knowledge and capabilities equivalent to those possessed by holders of the qualifications listed in 6.1.1.1 or 6.1.1.2 above, may be admitted with dispensation from the requirement to possess those qualifications.

### 6.1.3 Admission with credit [APL/APEL]

Applicants with prior certificated or experiential learning who make the case in writing with appropriate supporting documents may be admitted with exemption from, or credit for, up to half of the credit value of the Master of Architectural Design award (120 credits). If the School is satisfied that the applicant has fulfilled some of the progression and assessment requirements of the programme by means of other than attendance on the planned programme, and should be able to fulfil the objectives of the programme and attain the standard required for the award by completing the remaining requirements, that applicant may be admitted to any appropriate point on the programme.

The assessment of prior learning (APEL) shall be conducted in accordance with the principles, procedures and guidance given in the University's Credit Accumulation and Transfer Guidelines. Applicants seeking admission with credit must make clear the basis of their claim for credit when applying for the programme and must supply acceptable evidence such as a portfolio of work, examination transcripts, letters of reference and competency, and/or professional exams certificates, etc. Any credit granted through accreditation process is at the discretion of the Postgraduate Examination/Graduation Committee, and the decision of the committee is final. A student admitted with credit will, on admission, receive a written statement of the modifications of these Programme Regulations as they apply to him or her.

Please see the university's credit transfer requirements: <http://www.brookes.ac.uk/studying-at-brookes/how-to-apply/credit-transfer/>

## **SECTION 7: PREPARATION FOR EMPLOYMENT**

The emphasis of the programme is on developing one's critical and reflective abilities, with a view to empower and enhance graduate employability. The focus of the Applied Design in Architecture programme in design specialisation and research, distinct to RIBA/ARB Part 2 Programmes, better prepares graduates for employability in architectural practice or advanced research degrees, with advanced subject knowledge and skills, to better adapt one's practice in an ever increasing complex world.

The majority of Oxford Brookes architecture graduates go on to work in full-time practice and continue their professional qualification by applying for Part 3 examination in order to achieve the status of Architect.

Oxford Brookes is one of the top UK universities for graduate employability and the School of Architecture has been listed in the Times Higher top 10 for a number of years.

The Head of School and Programme Staff regularly seeks advice from a broad range of groups to inform the curriculum including the School of Architecture Professional Liaison Group, the Standing Conference of Heads of Schools of Architecture (SCHOSA), professional organizations including the national RIBA and RIBA South, statutory regulators including ARB, local and international employers, research councils and alumni. Our aim is to enhance graduate employability through greater understand of diverse perspectives concerning relevance and 'real world' topics facing society and the architectural discipline, to shape the detailed curriculum and to enhance improvements to employment skill gaps.

The Applied Design in Architecture programme embeds research and practice directly into the curriculum to strengthen links with graduate employers. Programme staff includes both research-active academics and experienced practitioners. As principal researchers on major council-funded and international grants, programme staff in the past employed students directly as research assistants on projects such as post-occupancy energy evaluations enhancing work-based learning and leading to long term employment in the design sector. Our practitioners, with their diverse range of project scale and expertise, strengthen the direct link of up-to-date industry knowledge. Enhancing opportunities for cross-discipline studies through collaborations with International NGOs, local communities or interdisciplinary design practices are part of many detailed modules in the year one Specialisations and the year two-design studios framing learning across-discipline critical dialogues. Live projects collaborations allow students the opportunity to work with real clients by using designs to address civic issues.

The programme offers additional non-curricula activities throughout academic year and during the summer, aimed at enriching students' portfolios and increasing their employability with work-based learning experience. The OxArch Student Society organises regular monthly talks and live-build workshops with industry leaders.

## APPENDIX 1

The following grid maps the seven required ARB/RIBA Part 2 Graduate Attributes to the Applied Design in Architecture Programme Level Learning Outcomes [See Section 3].

	<b><i>MArchD Applied Design in Architecture</i></b>	
	<b>Programme Learning Outcome that demonstrate ARB/RIBA Part 2 Graduate Attributes</b>	<b>ARB/RIBA Part 2 Graduate Attributes are satisfied by the following modules and/or Specialisations:</b>
<b>ARB/RIBA Part 2 Graduate Attributes: Graduates of the <i>MArchD Applied Design in Architecture</i> will be able to demonstrate:</b>		
3.1 ability to generate complex design proposals showing understanding of current architectural issues, originality in the application of subject knowledge and, where appropriate, to test new hypotheses and speculations	<b>3.1.1 3.2.2</b>	Design Studio, Advanced Technology for Design, <i>AAD</i> and <i>RLD</i>
3.2 ability to evaluate and apply a comprehensive range of visual, oral and written media to test, analyse, critically appraise and explain design proposals;	<b>3.4.1 3.1.3</b>	Design Studio, Research Methods for Design, Advanced Technology for Design, Management Practice and Law 1 and 2, <i>AAD</i> , and <i>RLD</i>
3.3 ability to evaluate materials, processes and techniques that apply to complex architectural designs and building construction, and to integrate these into practicable design proposals;	<b>3.1.2</b>	Advanced Technology for Design
3.4 critical understanding of how knowledge is advanced through research to produce clear, logically argued and original written work relating to architectural culture, theory and design;	<b>3.2.1</b>	Research Methods for Design and <i>RLD</i> .
3.5 understanding of the context of the architect and the construction industry, including the architect's role in the processes of procurement and building production, and under legislation;	<b>3.5.1</b>	Management Practice and Law 1 and 2
3.6 problem solving skills, professional judgment, and ability to take the initiative and make appropriate decisions in complex and unpredictable circumstances;	<b>3.2.1</b>	Design Studio, Research Methods for Design, Advanced Technology for Design, Management Practice and Law 1 and 2, <i>RLD</i>
3.7 ability to identify individual learning needs and understand the personal responsibility required to prepare for qualification as an architect.	<b>3.3.2</b>	Management Practice and Law 1 and 2

The following grid maps the eleven required ARB/RIBA General and Professional Criteria to the Applied Design in Architecture programme *Compulsory, Alternate Compulsory* [MArchD Applied Design in Architecture Specialisations] *and Optional* Module Learning Outcomes.

All required General and Professional Criteria are demonstrated through *assessment of submissions* marked against the Compulsory Modules Learning Outcomes of the Applied Design in Architecture programme alone. General and Professional Criteria indicate the nature of achievement required as the student progresses through qualifications at Parts 2.

<b>General and Professional Criteria</b>														
<b>GC1 Ability to create architectural designs that satisfy both aesthetic and technical requirements.</b> GC1 The graduate will have the ability to:	<b>Compulsory Modules 160 credits [Level 7]</b>							<b>Specialisations</b>					<b>optional</b>	
	Design Studio I	Design Studio II	Adv. Tech. for Design	Research Methods for Design	Representation	Pract, Man and Law 1	Pract, Man and Law 2	AAD	DEP	IARD	RLD	SBPD		UD
<b>Module/Specialisation</b>														
.1 prepare and present building design projects of diverse scale, complexity, and type in a variety of contexts, using a range of media, and in response to a brief;		M									M			
.2 understand the constructional and structural systems, the environmental strategies and the regulatory requirements that apply to the design and construction of a comprehensive design project;		M	M											
.3 develop a conceptual and critical approach to architectural design that integrates and satisfies the aesthetic aspects of a building and the technical requirements of its construction and the needs of the user.	M	M	T					M						
<b>GC2 Adequate knowledge of the histories and theories of architecture and the related arts, technologies and human sciences.</b> GC2 The graduate will have knowledge of:														
<b>Module/Specialisation</b>	DS 1	DS 2	Adv. Tech	Res Meth	Repr	P, M, L 1	P, M, L 2	AAD	DEP	IARD	RLD	SBPD	UD	Ind. Study
.1 the cultural, social and intellectual histories, theories and technologies that influence the design of buildings;	T	T		M	T								M	
.2 the influence of history and theory on the spatial, social, and technological aspects of architecture;	T	T	T	M	T								M	
.3 the application of appropriate theoretical concepts to studio design projects, demonstrating a reflective and critical approach.	M	M			M						M		M	

**M – Assessed in Module**

<b>GC3 Knowledge of the fine arts as an influence on the quality of architectural design.</b> GC3 The graduate will have knowledge of:														
<b>Module/Specialisation</b>	DS 1	DS 2	Adv. Tech	Res Meth	Repr	P, M, L 1	P, M, L 2	AAD	DEP	IARD	RLD	SBPD	UD	Ind. Study
.1 how the theories, practices and technologies of the arts influence architectural design;	T	T	T	M	M			M						
.2 the creative application of the fine arts and their relevance and impact on architecture;	T	T		M	M			M			M			
.3 the creative application of such work to studio design projects, in terms of their conceptualisation and representation.	M	M		M	M			M						
<b>GC4 Adequate knowledge of urban design, planning and the skills involved in the planning process.</b> GC4 The graduate will have knowledge of:														
<b>Module/Specialisation</b>	DS1	DS2	Adv. Tech	Res Meth	Repr	P, M, L 1	P, M, L 2	AAD	DEP	IARD	RLD	SBPD	UD	Ind. Study
.1 theories of urban design and the planning of communities;	M			M					M	M			M	
.2 the influence of the design and development of cities, past and present on the contemporary built environment;	M			M					M	M	M		M	
.3 current planning policy and development control legislation, including social, environmental and economic aspects, and the relevance of these to design development.		M				M	M						M	
<b>GC5 Understanding of the relationship between people and buildings, and between buildings and their environment, and the need to relate buildings and the spaces between them to human needs and scale.</b> GC5 The graduate will have an understanding of:														
<b>Module/Specialisation</b>	DS 1	DS 2	Adv. Tech	Res Meth	Repr	P, M, L 1	P, M, L 2	AAD	DEP	IARD	RLD	SBPD	UD	Ind. Study
.1 the needs and aspirations of building users;	M	M	M						M			M	M	
.2 the impact of buildings on the environment, and the precepts of sustainable design;	T	M	M									M		
.3 the way in which buildings fit into their local context.		M							M	M			M	

M – Assessed in Module

<p><b>GC6 Understanding of the profession of architecture and the role of the architect in society, in particular in preparing briefs that take account of social factors.</b></p> <p>GC6 The graduate will have an understanding of:</p>														
<b>Module/Specialisation</b>	<b>DS1</b>	<b>DS2</b>	<b>Adv. Tech</b>	<b>Res Meth</b>	<b>Repr</b>	<b>P, M, L 1</b>	<b>P, M, L 2</b>	<b>AAD</b>	<b>DEP</b>	<b>IARD</b>	<b>RLD</b>	<b>SBPD</b>	<b>UD</b>	<b>Ind. Study</b>
.1 the nature of professionalism and the duties and responsibilities of architects to clients, building users, constructors, co-professionals and the wider society;	M					M	M							
.2 the role of the architect within the design team and construction industry, recognising the importance of current methods and trends in the construction of the built environment;	T	M				M	M							
.3 the potential impact of building projects on existing and proposed communities.	M					M	M		M	M			M	
<p><b>GC7 Understanding of the methods of investigation and preparation of the brief for a design project.</b></p> <p>GC7 The graduate will have an understanding of:</p>														
<b>Module/Specialisation</b>	<b>DS 1</b>	<b>DS 2</b>	<b>Adv. Tech</b>	<b>Res Meth</b>	<b>Repr</b>	<b>P, M, L 1</b>	<b>P, M, L 2</b>	<b>AAD</b>	<b>DEP</b>	<b>IARD</b>	<b>RLD</b>	<b>SBPD</b>	<b>UD</b>	<b>Ind. Study</b>
.1 the need to critically review precedents relevant to the function, organisation and technological strategy of design proposals;	M		T											
.2 the need to appraise and prepare building briefs of diverse scales and types, to define client and user requirements and their appropriateness to site and context;	M	M				M	M	M	M	M	M	M	M	
.3 the contributions of architects and co-professionals to the formulation of the brief, and the methods of investigation used in its preparation.						M	M							
<p><b>GC8 Understanding of the structural design, constructional and engineering problems associated with building design.</b></p> <p>GC8 The graduate will have an understanding of:</p>														
<b>Module/Specialisation</b>	<b>DS 1</b>	<b>DS 2</b>	<b>Adv. Tech</b>	<b>Res Meth</b>	<b>Repr</b>	<b>P, M, L 1</b>	<b>P, M, L 2</b>	<b>AAD</b>	<b>DEP</b>	<b>IARD</b>	<b>RLD</b>	<b>SBPD</b>	<b>UD</b>	<b>Ind. Study</b>
.1 the investigation, critical appraisal and selection of alternative structural, constructional and material systems relevant to architectural design;		T	M											
.2 strategies for building construction, and ability to integrate knowledge of structural principles and construction techniques;		T	M											
.3 the physical properties and characteristics of building materials, components and systems, and the environmental impact of specification choices.			M											

M – Assessed in Module



**GC9 Adequate knowledge of physical problems and technologies and the function of buildings so as to provide them with internal conditions of comfort and protection against the climate.**  
GC9 The graduate will have knowledge of:

Module/Specialisation	DS 1	DS 2	Adv. Tech	Res Meth	Repr	P, M, L 1	P, M, L 2	AAD	DEP	IARD	RLD	SBPD	UD	Ind. Study
.1 principles associated with designing optimum visual, thermal and acoustic environments;			M									M		
.2 systems for environmental comfort realised within relevant precepts of sustainable design;			M									M		
.3 strategies for building services, and ability to integrate these in a design project.			M									M		

**GC10 The necessary design skills to meet building users' requirements within the constraints imposed by cost factors and building regulations.**  
GC10 The graduate will have the skills to:

Module/Specialisation	DS 1	DS 2	Adv. Tech	Res Meth	Repr	P, M, L 1	P, M, L 2	DEP	IARD	RLD	SBPD	UD	Ind. Study
.1 critically examine the financial factors implied in varying building types, constructional systems, and specification choices, and the impact of these on architectural design;						M	M						
.2 understand the cost control mechanisms which operate during the development of a project;						M	M						
.3 prepare designs that will meet building users' requirements and comply with UK legislation, appropriate performance standards and health and safety requirements.		M				M	M				M		

**M – Assessed in Module**

**GC11 Adequate knowledge of the industries, organisations, regulations and procedures involved in translating design concepts into buildings and integrating plans into overall planning.**

GC11 The graduate will have knowledge of:

<b>Module/Specialisation</b>	DS 1	DS 2	Adv. Tech	Res Meth	Repr	P, M, L 1	P, M, L 2	AAD	DEP	IARD	RLD	SBPD	UD	Ind. Study
.1 the fundamental legal, professional and statutory responsibilities of the architect, and the organisations, regulations and procedures involved in the negotiation and approval of architectural designs, including land law, development control, building regulations and health and safety legislation;		M	M			M	M							
.2 the professional inter-relationships of individuals and organisations involved in procuring and delivering architectural projects, and how these are defined through contractual and organisational structures;		T				M	M							
.3 the basic management theories and business principles related to running both an architect's practice and architectural projects, recognising current and emerging trends in the construction industry.		T				M	M							

**M – Assessed in Module**