



Architect Apprenticeship Degree Lvl7 Programme Specification

MArchD, RIBA Part 2, and Part 3 Architect
Architect (for Degree Apprenticeships)

Managed by the Faculty of Technology Design and Environment

Delivered by Department/School of Architecture

Link to Website / Blended Learning Platform

<https://sites.google.com/brookes.ac.uk/obu-apprenticeship-lvl7/home>

Programme Specification

for the award of

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Date approved:	July 2018
Applies to apprentices commencing study in:	September 2018

Record of updates

Date amended*	Nature of amendment**	Reason for amendment**

SECTION 1: GENERAL INFORMATION

Awarding body:	Oxford Brookes University
Teaching institution and location:	Oxford Brookes University, Headington Campus and Private training rooms, London
Language of study:	English
Final award/s:	MArchD Applied Design in Architecture (RIBA Part 2) RIBA Part 3 Examination Apprenticeship Certificate- Architect
Programme title:	Applied Design in Architecture (MArchD)
Interim exit awards and award titles available:	Postgraduate Diploma [PGDip] Post Graduate Certificate PGCert
Brookes course code:	BE64
UCAS code:	N/A
JACS code:	K1
HECoS code:	100122
Mode of delivery: (Mode of Study given in brackets)	Distance learning (part-time)
Duration of study:	Years 1-3 MArchD, RIBA Part 2 Year 4 Examination in Management and Practice RIBA Part 3 + End Point Assessment
Subject benchmark statement/s which apply to the programme:	Masters Architecture 2010
Professional accreditation attached to the programme:	The programme is mapped to RIBA requirements for Architects. Royal Institute of British Architects (RIBA)- https://www.architecture.com/ On completion of Part 2 apprentices can become RIBA Associate Members. On completion of Part 3 apprentices can register as an Architect with the Architects Registration Board and become a Chartered Member of RIBA.
Apprenticeship Standard:	Architect (Level 7 Degree Apprenticeship) - ST0533 https://www.instituteforapprenticeships.org/apprenticeship-standards/architect-degree/
University Regulations:	The programme conforms to the University Regulations for the year of entry as published/archived at:

SECTION 2: WHY STUDY THIS PROGRAMME?

The Brookes apprenticeship programme offers a paradigm shift in architectural education. The Programme provides a unique fully integrated platform for collaborative research and development (linking Academia and Industry) from one of the leading architecture schools in the UK.

Brookes Strategic Objectives:

- **Engage**_ Industry and academia partnerships to tackle real world problems with access to Global leading academic expertise.
- **Enable**_ Competitive advantage through collaborative Research and Development and knowledge exchange for wider systemic impact and contribution.
- **Enhance**_ Impact through cutting-edge teaching and an accelerated learning environment via a fully integrated programme.
- **Educate**_ The next generation of Architects in critical Thinking, creativity and collaboration via a blended learning platform.

Key Features

- Apprentices will join a R&D cluster formed of Global Leading academic experts engaging in cutting-edge research across the themes of Machine Performance, Human Factors and Intelligent Systems.
- Apprentices qualify through an accelerated learning programme completing Part 2 ARB/RIBA MArchD, Part 3 following an End Point Assessment (at no cost while in paid employment).
- Apprentices will engage with a fully integrated programme including Advanced Architectural Design Advanced Technology for Design , Research for Design, Management Practice and Law and Part 3/EPA Modules.
- Apprentices will have access to blended learning platform which includes Intensive sessions at key junctures through the year and access to core material and literature to support development.
- Apprentices will be trained in innovative Design and systems thinking to enhance critical thinking, problem-solving planning and decision making advantage.
- Apprentices will be able to apply learning and demonstrate Research and Development impact within Industry.

Core Delivery Team can be found : <https://sites.google.com/brookes.ac.uk/obu-apprenticeship-lvl7/obu-team>

Visiting Professionals can be found here:

<https://sites.google.com/brookes.ac.uk/obu-apprenticeship-lvl7/obu-team>

The Industry partners (Employers) will have the opportunity to incubate talent of existing staff or new recruits and accelerate apprentices' career progression towards becoming Architects registered with the ARB and Chartered members of RIBA over a 46-52 month programme where professional practice is integrated with academic study.

The Industry partners will have the opportunity to define specific Research focus that the apprentices will engage with. Brookes will provide a platform for advanced Research and Development across the themes of Machine Performance, Human Factors and Intelligent Systems. Brookes will structure access to global leading academics who will support the apprentice in the development of a research thesis that will contribute directly to the Industry partners competitive advantage.

Apprentices complete the Part 2 ARB/RIBA MArchD, a well established masters programme were apprentices are encouraged to explore the possibilities of Architectural practice. In addition they will

complete the Part 3 examination which is integrated in the End Point Assessment and will allow the Apprentice to become an Architect registered with the ARB and Chartered members of RIBA

The apprenticeship combines academic study with on the job training, ensuring professional practice and academic study are linked. With the support of their employer, apprentices will use scenarios and projects in the workplace to contribute towards the completion of all academic study and the development of a professional portfolio.

The emphasis on Research and Development enables apprentices to combine their understanding of architectural practice with experimentation through new media and techniques under the guidance of global leading academic supervisors.

Design research is undertaken as part of the studio process, with emphasis on themes of Machine Performance, Human Factors and Intelligent Systems allowing apprentices to develop new methodologies that evolve on a daily basis. Apprentices are taught to be critical and reflective and to reference their work to existing contemporary design research, and a multi-disciplinary approach is taken to architecture. The course has an emphasis on future thinking, encouraging innovative design projects that contribute to the development of architecture and architectural practice.

Apprentices will develop an in depth and systematic understanding of design methodology and how these apply to architectural practice. Apprentices develop a portfolio documenting all aspects of their professional work, research, including critical reflection on techniques and methodologies employed.

Apprentices will evolve a critical awareness of architecture and architectural research and will have shown they can undertake analysis of complex, incomplete or contradictory areas of knowledge, and will be able to communicate the outcome effectively through their portfolio. The programme aims to teach apprentices the importance of critically evaluating architectural agendas and precedents to improve their conceptual knowledge and to enable synthesis of complex ideas and strategies.

We aim to create apprentices that are able to critically think, problem-solve, plan and make informed decisions while delivering Research and Development impact within industry. The programme uses a combination of individual and group working to ensure apprentices can work effectively as group leader or group member as well as being independent and self critical autonomous learners. The course encourages apprentices to become evaluative on their own and each other's work methodologies and argue alternative approaches.

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. Formulate a portfolio, which communicates depth of design strategies to both the expert and nonexpert audiences from architectural and design communities.
2. Create original designs and other outputs reflecting strategic responses to current critical debates of architecture.
3. Critique new ways of thinking to search for solutions to real-world problems, and to pursue their own lines of enquiry of cross-disciplinary design study.

3.2 Research literacy

1. Appraise principle research paradigms, methods and tools employed in design-based architectural research tasks.
2. Integrate knowledge to competently set up and undertake research tasks.

3. Act autonomously in designing and implementing a substantial research project relevant both to society and to design-based architectural research.
4. Judge the appropriateness of design-based methodologies and mediums, developing critiques of them and, where appropriate, to propose new hypotheses for use.

3.3 Critical self-awareness and personal literacy

1. Develop the ability to identify and address individual learning needs and understand the personal responsibility required to prepare for qualification as an architect
2. Engage with various forms of art, architecture and in artistic processes. Take and defend positions regarding the meaning and value of aesthetic expressions in the contexts from which they emerge.

3.4 Digital and information literacy

1. Communicate ideas and designs with a high degree of originality and skill using both digital and analogue techniques
2. Identify and define the information required on a given topic, use digital and analogue techniques of data collection, and apply research skills to evaluate relevant information resources within the art and architecture subjects.

3.5 Active citizenship

1. Develop a global and multi-dimensional perspective to contemporary architectural practice through the experience of learning alongside others from a range of design backgrounds, countries and cultures.
2. Develop an understanding of the wider impact of architectural work and be able to advise on how best to conserve and enhance the quality of the environment and its natural resources

3.6 Mapping ARB/ RIBA to Apprenticeship Criteria

The Apprenticeship Program Criteria agreed by the IfA has been developed by Trailblazer committee consisting of Leading Practices and HEI. The Mapping ensure ARB/RIBA Criteria is met while also offering opportunity to bring cutting edge Training, Teaching and Learning to prepare the apprentice for the the rapidly changing profession.

In the table below the Apprenticeship Criteria of Knowledge [K] Skills [S] and Behaviours [B] are mapped from the ARB/ RIBA criteria:

Criteria	Knowledge [K]	Skills [S]	ARB/ RIBA Criteria	
Apprenticeship Criteria Code	Knowledge An Architect has an understanding of...	Skills An Architect is able to...	ARB/RI BA Code	ARB Criteria at Part 2
1. Design	A range of advanced processes and techniques (e.g. digital fabrication) to	Generate architectural design proposals Evaluate and apply a	GC1 Ability to	.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; .2 understand the constructional and structural systems, the

	generate, review and speculate on design proposals with multiple constraints, showing evidence of original thinking	comprehensive range of visual, oral and written media to test, analyse, critique and explain design proposals Produce drawings and 3D models using relevant software including Computer-Aided Design (CAD)		environmental strategies and the regulatory requirements that apply to the design and construction of a comprehensive design project; .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.
2. History and Theory	History of architecture and its impact on architectural practice The cultural, social and intellectual histories, theories and technologies that influence the design of buildings	Apply understanding of current architectural debate to produce innovative solutions Produce clear, logically argued and original written work relating to architectural culture, theory and design	GC2 Knowledge of	.1 the cultural, social and intellectual histories, theories and technologies that influence the design of buildings; .2 the influence of history and theory on the spatial, social, and technological aspects of architecture; .3 the application of appropriate theoretical concepts to studio design projects, demonstrating a reflective and critical approach.
3. Fine Arts	How the theories, practices and technologies of the arts influence architectural design and their creative application in design projects	Apply fine art theories in a creative way that acknowledges their conceptualisation and representation	GC3 Knowledge of	.1 how the theories, practices and technologies of the arts influence architectural design; .2 the creative application of the fine arts and their relevance and impact on architecture; .3 the creative application of such work to studio design projects, in terms of their conceptualisation and representation.
4. Urban Design and Planning	Urban design and town planning strategies and regulations Process of obtaining planning permission (e.g. drawings, reports, application)	Comply with relevant town planning policy throughout design and construction phases to obtain planning permission (e.g. submitting planning application)	GC4 Knowledge of	.1 theories of urban design and the planning of communities; .2 the influence of the design and development of cities, past and present on the contemporary built environment; .3 current planning policy and development control legislation, including social, environmental and economic aspects, and the relevance of these to design development.
5. People and Environment	The in-depth relationships between users and buildings, between buildings and their environment, and the need to relate buildings and the spaces between them to diverse user needs and scale	Identify end user needs, local and the social context in which the project is developed Lead design development in respect of environmental context and sustainability	GC5 Understanding of	.1 the needs and aspirations of building users; .2 the impact of buildings on the environment, and the precepts of sustainable design; .3 the way in which buildings fit in to their local context.
6. Role of Architect	The range of services offered by Architects The potential impact of building projects on existing and proposed communities and the related planning legislation The context of the Architect and the construction industry, including the Architect's role in the processes of procurement and	Lead projects or parts of projects, taking into consideration business priorities and practice management Deliver services in a responsible manner, prioritising the interests of the client and other stakeholders Problem-solve and use professional judgment to take initiative and make	GC6 Understanding of	.1 the nature of professionalism and the duties and responsibilities of architects to clients, building users, constructors, co-professionals and the wider society; .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; .3 the potential impact of building projects on existing and proposed communities.

	building production The role of the Architect within the design team and construction industry	appropriate decisions in situations with multiple constraints		
7. Brief Analysis	The client and design team briefing process, forms and terms of appointment Methods of investigation and preparation of briefs for the design projects (e.g. review of relevant precedent)	Critically review precedents relevant to the function, organisation and technological strategy of a design proposals Prepare and develop a project brief (e.g. by referring to RIBA Plan of Work)	GC7 Unders tandin g of	.1 the need to critically review precedents relevant to the function, organisation and technological strategy of design proposals; .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; .3 the contributions of architects and co-professionals to the formulation of the brief, and the methods of investigation used in its preparation.
8. Structure, Construction and Engineering	Structural, construction and engineering considerations within building design, such as physical properties and characteristics of building materials, components and systems	Integrate knowledge of structural principles and construction techniques with building design	GC8 Unders tandin g of	.1 the investigation, critical appraisal and selection of alternative structural, constructional and material systems relevant to architectural design; .2 strategies for building construction, and ability to integrate knowledge of structural principles and construction techniques; .3 the physical properties and characteristics of building materials, components and systems, and the environmental impact of specification choices.
9. Technologies	Principles, systems and strategies for environmental comfort and building services including sustainability principles Alternative construction materials, processes and techniques that apply to design and construction, including the impact of materials on the environment The role of Building Information Modelling (BIM), computational design and other relevant technologies used in the design process	Evaluate materials, processes and techniques that apply to architectural designs with multiple constraints and building construction, and how to integrate these into practicable design proposals Apply various technological methods to building design to provide conditions of comfort and protection against the environment	GC9 Knowl edge of	.1 principles associated with designing optimum visual, thermal and acoustic environments; .2 systems for environmental comfort realised within relevant precepts of sustainable design; .3 strategies for building services, and ability to integrate these in a design project.
10. Finance and Regulations	Process of controlling building cost Approved Documents for building regulations	Meet client's brief within the constraints of the imposed budget limitations and building regulations	GC10 Skills to	.1 critically examine the financial factors implied in varying building types, constructional systems, and specification choices, and the impact of these on architectural design; .2 understand the cost control mechanisms which operate during the development of a project; .3 prepare designs that will meet building users' requirements and comply with UK legislation, appropriate performance standards and health and safety requirements.
11. Industry Context and Project Delivery	Industries, organisations, regulations and procedures involved in translating design concepts into buildings and integrating plans	Interact with statutory authorities (e.g. planning or building control), private bodies (e.g. developers) or individuals to competently deliver	GC11 Knowl edge of	.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; .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;

	into overall planning	projects in a wide variety of sectors and within diverse legislative frameworks		.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.
Criteria		Knowledge [K]	Skills [S]	ARB/ RIBA Criteria
Apprenticeship Criteria Code	Knowledge An Architect has an understanding of...	Skills An Architect is able to...	ARB Criteria	ARB Criteria at Part 3
12. Professionalism (PC1)	The nature of professionalism and the responsibilities of Architects to clients, building users, constructors, professionals and the wider society	Act professionally when working independently and as part of a team, including communicating clearly with all stakeholders	PC1	<p>A successful candidate will demonstrate overall competence and the ability to behave with integrity, in the ethical and professional manner appropriate to the role of architect. The candidate will have the skills necessary to undertake effective communication and presentation, organisation, self-management and autonomous working. The candidate will have a clear understanding of the architect's obligation to society and the profession, and a sufficient awareness of the limits of their competence and professional experience to ensure they are unlikely to bring the profession into disrepute.</p> <p>1.1 Professional ethics 1.2 The architect's obligation to society and the protection of the environment 1.3 Professional regulation, conduct and discipline 1.4 Institutional membership, benefits, obligations and codes of conduct 1.5 Attributes of integrity, impartiality, reliability and courtesy 1.6 Time management, recording, planning and review 1.7 Effective communication, presentation, confirmation and recording 1.8 Flexibility, adaptability and the principles of negotiation 1.9 Autonomous working and taking responsibility within a practice context 1.10 Continuing professional development</p>
13. Clients, Users and Delivery of Services (PC2)	The obligations of Architects to clients, stakeholders, warranties and third-parties Client needs, appropriate communication methods, programming, coordination and competent delivery	Offer impartial advice on construction related issues, relevant legislation and risks Identify and describe client and end user requirements, priorities and objectives	PC2	<p>A successful candidate will be able to demonstrate understanding of the range of services offered by architects and delivering those services in a manner prioritising the interests of the client and other stakeholders. The candidate will have the skills necessary to provide a competent service, both singly and as part of a team, including understanding of client needs, appropriate communication, programming, coordination and competent delivery. This will be supported by knowledge of the briefing process, forms and terms of appointment, the means of professional remuneration, relevant legislation, and the execution of appropriate programmed and coordinated project tasks.</p> <p>2.1 Types of clients, their priorities and the management of the relationship 2.2 Briefing, organising and the programming of services appropriate to appointment 2.3 Architects' contracts, terms of engagement, scope of services and relevant legislation 2.4 Obligations to stakeholders, warranties and third party rights 2.5 Communication, progress reporting and the provision of appropriate and timely advice 2.6 Budget and financial awareness and cost monitoring or control 2.7 Responsibility for coordination and integration of design team input 2.8 Invoicing, payment of fees and financial management 2.9 Intellectual property rights and copyright law 2.10 Duty of care, professional liability, negligence and professional indemnity including insurance</p>
14. Legal Framework and Processes (PC3)	The statutory legal context within which an Architect must operate and what is required to ensure compliance with legal requirements	Work with an understanding of the relevant statutory and legal requirements during project development so that the risk of	PC3	<p>A successful candidate will be able to demonstrate understanding of the legal context within which an architect must operate, and the processes undertaken to ensure compliance with legal requirements or standards. The candidate will have the skills necessary to positively interact with statutory and private bodies or individuals, and competently deliver projects within diverse legislative frameworks. This will be supported by knowledge of the relevant law, legislation, guidance and controls relevant</p>

	or standards	harm to those who build, use and maintain buildings is reduced		to architectural design and construction.
15. Practice and Management (PC4)	Business priorities, required management processes and risks of running an architecture practice	Engage in business development and administration including contributing to business strategy development, evaluating resources, planning, implementing and recording projects tasks Supervise the work of junior staff including Architectural Assistants	PC4	<p>A successful candidate will be able to demonstrate understanding of the business priorities, required management processes and risks of running an architectural practice, and the relationship between the practice of architecture and the UK construction industry. The candidate will have the skills necessary to engage in business administration and ability to resource, plan, implement and record project tasks to achieve stated goals, either individually or within a team. This will be supported by knowledge of the nature of legal business entities, office systems, administration procedures and the relevant legislation.</p> <p>Demonstration of an understanding of the following will contribute to this criterion being met:</p> <p>4.1 The roles of architectural practice in the construction industry 4.2 External factors affecting construction and practice at national and international levels 4.3 Practice structures, legal status and business styles 4.4 Personnel management and employment-related legislation 4.5 Practice finance, business planning, funding and taxation 4.6 Marketing, fee calculation, bidding and negotiation 4.7 Resource management and job costing 4.8 Administration, quality management, QA systems, recording and review 4.9 Staff development, motivation, supervision and planning 4.10 Team working and leadership</p>
16. Building Procurement (PC5)	UK construction and contract law, and construction procurement processes The relationship between Architects and other built environment professionals Contractual relationships and the obligations of an Architect acting as a contract administrator	Coordinate and engage in design team interaction Resolve construction related challenges and disputes, where appropriate Undertake construction inspection responsibilities, including completing site visits and commenting on contractors and sub-contractors work in relation to architectural drawings	PC5	<p>A successful candidate will be able to demonstrate understanding of UK construction and contract law, construction procurement processes and the roles of built environment professionals. The candidate will have the skills necessary to plan project-related tasks, coordinate and engage in design team interaction, execute effective contract communication and resolve construction-related challenges and disputes. This will be supported by an understanding of contractual relationships, the obligations upon an architect acting as contract administrator, job-related administrative systems and the management of projects in the context of the candidate's professional experience.</p> <p>5.1 Procurement methods, including for public and larger projects and relevant legislation 5.2 The effect of different procurement processes on programme, cost, risk and quality 5.3 Collaboration in construction and provisions for team working 5.4 Tendering methods, codes, procedures and project planning 5.5 Forms of contract and sub-contract, design responsibility and third party rights 5.6 Application and use of contract documentation 5.7 Roles of design/construction team members and their interaction 5.8 Duties and powers of a lead consultant and contract administrator 5.9 Site processes, quality monitoring, progress recording, payment and completion 5.10 Claims, litigation and alternative dispute resolution methods</p>
Behaviours [B]	An architect will exhibit the following behaviours:			
1. Code of Conduct	Comply with the relevant professional codes of conduct (e.g. ARB and RIBA)			
2. Integrity	Be honest and act with integrity, ethics and in a professional manner			
3. Competence	Work singly, as part of a team or lead teams to provide a competent service			
4. Independence	Be organised and practice self-management when working independently			
5. Obligation	Be conscious of the Architect's obligation to their client, society and the profession			
6. Reputation	Be aware of individual level of competency and professional experience to ensure they are unlikely to bring profession into			

	disrepute
7. CPD	Commit to identifying their own individual development needs and the obligation for Continued Professional Development (CPD)
The Graduate Attributes for Part 2	GA2 With regard to meeting the eleven General Criteria at Parts 1 and 2 above, the Part 2 will be awarded to students who have:
1	.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;
2	.2 ability to evaluate and apply a comprehensive range of visual, oral and written media to test, analyse, critically appraise and explain design proposals;
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;
4	.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;
5	.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;
6	.6 problem solving skills, professional judgment, and ability to take the initiative and make appropriate decisions in complex and unpredictable circumstances; and
7	.7 ability to identify individual learning needs and understand the personal responsibility required to prepare for qualification as an architect.

SECTION 4: CURRICULUM CONTENT & STRUCTURE

4.1 Programme structure and requirements:

YEAR 1 (Semester 1 & 2) R&D: Simulation and Analysis					
Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P30053	Applied Design in Architecture 1	40	7	Compulsory	100% CW
P30054	Advanced Technology for Design 1	10	7	Compulsory	100% CW
P30055	Management Practice and Law 1	10	7	Compulsory	100% CW
P30056	Research Methods for Design 1	20	7	Compulsory	100% CW
YEAR 2 (Semester 1 & 2) R&D: Application & Synthesis					
Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P30057	Applied Design in Architecture 2	40	7	Compulsory	100% CW
P30058	Advanced Technology for Design 2	10	7	Compulsory	100% CW
P30059	Management Practice and Law 2	20	7	Compulsory	100% CW
P30060	Research Methods for Design 2	10	7	Compulsory	100% CW

YEAR 3 (Semester 1 & 2) R&D: Application & Synthesis					
Code	Module Title	Credits	Level	Status	Coursework: Exam ratio
P30061	Applied Design in Architecture 3	40	7	Compulsory	100% CW
P30062	Advanced Technology for Design 3	20	7	Compulsory	100% CW
P30063	Management Practice and Law 3	10	7	Compulsory	100% CW
P30064	Research Methods for Design 3	10	7	Compulsory	100% CW
YEAR 4 (Semester 1 & 2) Preparation & EPA					
	ARB/RIBA Part 3 Examination End Point Assessment		7	Compulsory	Exam element related to all programme modules

The Full Programme Module Mapping and Criteria is available to view here:

<https://docs.google.com/spreadsheets/d/1afC71qr4ZIPcDSGjkm4Q1UMg24WVf7YEWo3qfC8uQho/edit#gid=182237767>

4.2 Progression and award requirements

The Applied Design in Architecture programme is a Blended mode of study and has a normal duration of 46 -52 months. The classification of a PGCert, a PGDip or a Master's degree award is the average mark across all of the compulsory modules a student shall have completed all the modules for the award within a maximum of five years of study after the initial registration date.

The following awards and Level 7 credit ratings shall apply to the Architecture (Degree Apprenticeship), Part 2 and 3 and MArchD Applied Design in Architecture programme:

Architecture (Degree Apprenticeship)

To qualify for Part 2 and Part 3 apprentices must have successfully completed the MArchD (see below) and the Part 3 (fail. Pass, merit).

Master of Architectural Design [MArchD]: To qualify for the MArchD (Applied Design in Architecture), a student must complete a minimum of 240 Level 7 credits. The classification of the award is the average mark across all of the compulsory modules.

Award of Postgraduate Diploma [PGDip]: To qualify for the award of Postgraduate Diploma Applied Design in Architecture, a student must complete a minimum of 120 Level 7 credits, including the compulsory modules.

Award of Postgraduate Certificate: To qualify for the award of Postgraduate Certificate Applied Design in Architecture, a student must complete 60 Level 7 credits, including the compulsory modules.

To successfully complete the apprenticeship the candidate must:

- Complete the MArchD (Part 2 examination)
- Complete the Part 3 examination
- Complete the End Point Assessment
- Complete English and Maths at level 2 (if not held prior to programme start date)

4.3 Professional requirements

On successful completion of the EPA the apprentices will have been deemed to have passed the Part 2 and Part 3 and are eligible to apply for registration as an Architect with the Architects Registration Board (ARB) and apply for Chartered Membership at the Royal Institute of British Architects (RIBA).

SECTION 5: TEACHING AND ASSESSMENT

Apprentices will complete the programme in a blended mode, attending an introductory session in September and intensive workshop sessions in December, March and June. These intensives will introduce key modules and concepts of practice and assessment. Apprentices will study all year round accessing a broad range of learning materials and interactive sessions via the G-Suite platform. Apprentices will spend 20% of their time engaged in off the job training. Apprentices will spend the remainder of their time as trainee architects in their practice. Progress in the workplace will be monitored through tripartite meetings between the programme supervisor, the apprentice and their Office Mentor which will take place at least every 3 months. Apprentices will also develop a work based portfolio (PEDR+) in preparation for Part 2 and Part 3 examinations.

A break down of learning and teaching methods is provided below:

- **Intensives class based** - intensives throughout the academic year will be structured so to offer the apprentices suitable contact time aligned with the current MArchD course and the current Part 3 intensive seminar/workshop course. The intensives will be located in Oxford and in London during the academic year. The Intensive series presents key concepts that will enable the apprentice to train, learn through simulated projects in order to reflect on the context of practice. Apprentices are expected to attend all intensives as a basis for accumulating the requisite knowledge. Following completion of the Intensive the apprentice will document the training and learning within the PEDR+.
- **Simulation / Application** - each Intensive will provide learning conditions through Simulated Projects (year 1) and Applied Projects (Year 2 & 3) that require the apprentices to perform a series of measurable tasks that are mapped against the Assessment criteria (skills/ knowledge/ behaviour). Upon completion of the simulated/ applied project the apprentices will be required to present to a panel of examiners who will mark and offer feedback to the apprentice.
- **Blended/ online delivery** - outside of the intensives the apprentices will further document potential application of research within the workplace. The Apprentices will have access to an online platform which will provide suitable material such as lectures, literature, tasks and collaborative forums offering a peer-to-peer learning environment, and the ability to communicate between apprentice, employer mentor and academic staff. apprentices will be required to respond to tasks directly on the platform allowing for continued assessment and progress analysis offering clear visibility into the performance of each apprentice at key junctures through the course.
- **Work based** - Brookes will support the employer to ensure the learning criteria are met through the course. The enhanced PEDR+ will be used to assess the work-based learning, provide clear instruction for apprentice development throughout the course, and indicate to the employer mentor the strengths and weaknesses of the apprentice's performance.

Assessment (Years 1-3):

- Documentary Submission upon completion of the Intensive;
- Presentation upon completion of the Intensive (integrated);
- Critical Thinking Model with documentation of the assignment and its contribution to the apprentice's learning integrated in the PEDR+;

Integrated Part 3 and End Point Assessment :

- Part 3 examination stage one
- Documentary Submission
 - EPA Career Appraisal, including CV and Personal Statement
 - Case Study Report
 - PEDR+
- Design Project/ Challenge
- Interview supported by Career Appraisal and examination Part 3 stage two.

The assessment for the EPA module includes a Case Study Report supported by Design Project/ Challenge and Interview supported by Career Appraisal.

All work is assessed and marked as a percentage. Apprentices must pass all compulsory components of the programme without exception. The pass mark for all modules is 50%. Work based practice will be assessed through observations and meetings in the workplace and reflection on practice work will be assessed through the PEDR+. Employers will contribute to this assessment on a regular basis.

SECTION 6: ADMISSION TO THE PROGRAMME

6.1 Entry requirements

Apprentices must be employed in a suitable job role (see below) and meet the academic entry criteria. Apprentices are offered places on the programme after a successful interview with the programme staff and/or the submission of a satisfactory design portfolio.

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

Core Requirements: Previous Education

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

- Hold a good honours degree (2.1 or above), or equivalent qualification in architecture or a discipline related 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
- Hold English and Maths qualifications at level 2 (e.g. GCSE grade C or above or equivalent).

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

Applications will also be considered from potential candidates who wish to seek accreditation for their prior experiential learning or earlier qualifications.

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 6.5 on the 'Academic' test, with a minimum score of 6 in reading and writing;

Please also see the university's English language requirements:

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

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 or 6.1.2 above, may be admitted with dispensation from the requirement to possess those qualifications.

Admission with credit [APL/APEL]

The assessment of prior learning (APL) shall be conducted in accordance with the principles, procedures and guidance in the University's Credit Accumulation and Transfer Guidelines, which can be found at: <http://www.brookes.ac.uk/studying-at-brookes/how-to-apply/credit-transfer/>

The Programme Examination Committee must ratify any credit granted through the accreditation process, and the decision of the committee is final. A student admitted with credit will, on admission, receive a written statement of the module that they are required to take.

6.2 DBS and other pre-course checks required

Not applicable

6.3 JOB ROLE/EMPLOYER PROFILE (DEGREE AND HIGHER APPRENTICESHIPS)

The apprentice should be employed as a Trainee Architect/Architectural Assistant. Over the course of their employment, the apprentice should have work based opportunities which will allow them to successfully complete the apprenticeship.

SECTION 7: PREPARATION FOR EMPLOYMENT

The degree apprenticeship is mapped to the Apprenticeship Standard for Architect and the ARB/RIBA criteria for prescription and validation. Apprentices will work as trainee architects for the duration of the programme and will be given the opportunity to apply theory to practice through assessment for the MArchD and the ARB/RIBA Part 2 and 3 examinations.

Architects are trained and registered professionals, who plan, design and review the construction of buildings for a client. They use their skills and knowledge to offer creative problem solving and strategic advice related to various types of building, arts and construction projects. This includes developing building designs taking into account a range of complex issues such as structural integrity, the character and location of a site, methods of construction, value for money, design quality, impact on the environment, as well as legal responsibilities. Architects work responsibly to deliver the interests of their clients and core requirements of cost, time and quality. Architects work on projects of varying scale and type across the construction industry, including but not limited to the design of commercial, residential, community, education and infrastructure buildings and structures. Architects work on the design of new buildings; however their work may also involve redesigning existing buildings. They work closely with and often lead a design team/s assembled to design and/or deliver the project. Design teams vary depending on the scale and type of the building. They also work closely with other design related and construction related professionals.

Apprentices will have a contract of employment for the duration of the apprenticeship programme and will have at least four years of practice experience as well as being eligible to register with the ARB as an architect and become a Chartered member of the RIBA. Apprentices will be well placed to pursue roles as Architects and explore opportunities to begin their own practices.