

London South Bank University Course Specification

EST 1892

	A. Course Infor	mation						
Final award title(s)	MArch: Master of Architecture							
Intermediate exit award title(s)								
UCAS Code		Co	urse FT: 459	92				
	London South Ba	nk University	de(s) P1: 45	91				
School								
Division	Architecture							
Course Director	Luke Murray							
Delivery site(s) for course(s)	Southwark	□ Haverir	IQ					
	□ Other: please s	specify	.					
Mode(s) of delivery	⊠Full time	⊠Part time	□other please	specify				
Length of course/start and								
Tinish dates	Mode	Length years	Start - month	Finish - month				
	Full time	2 years						
	Full time with							
	placement/							
	sandwich year							
	Part time	3 years						
	Part time with							
	Placement/							
	sandwich year							
Is this course generally	Please complete the	International Office of	luestionnaire					
suitable for students on a	Yes							
Tier 4 Visa?	Students are advised th	at the structure/nature	of the course is suitable	for those on a Tier 4				
	visa but other factors wi	II be taken into account	before a CAS number	is allocated.				
Approval dates:	Course(s) validat Subject to validat	ed / 20 ion)15					
	Course specification last updated and signed off							
Professional, Statutory & Regulatory Body accreditation	Validated by the Royal Institute of British Architects (RIBA); prescribed by the Architects Registration Board (ARB)							

Reference points:		Internal	Corporate Strategy 2015-2020 Academic Quality and Enhancement Manual School Strategy LSBU Academic Regulations					
		External	QAA Quality Code for Higher Education 2013 Framework for Higher Education Qualifications Subject Benchmark Statements (Dated) PSRB Competitions and Markets Authority SEEC Level Descriptors 2016					
		P. Courco	Aime and Easturas					
	-	B. Course	Aims and Features					
Distinctive features of course	I his course provides students who have completed an undergraduate degree in Architecture with the opportunity to define their own interests, speculating on and refining a personal response to the design and making of architecture. The discipline is exceptionally responsive to change, and actively engaging with both the internal world of ideas and external realities around us. Modernity in the broadest sense is a critical part of the worldview of successful architects.							
	The Master of Architecture is a strongly design-based course, underpinned by a firm base in theory, professional practice and technology. The division is committed to a studio system as being the best medium for the exchange of ideas. Students on the course choose from a focused group of design studios, each identified by subject and theme. Each studio has developed its specialised approach to architecture based on specific responses to contemporary issues in the city, and the developing landscapes around citize							
Course Aims	The Master of Architecture course aims to provide a rigorous and discriminating examination of key debates in the subject area, and equip students with the competences to engage with modern professional practice. This approach challenges students to develop a defensible and relevant position on architecture, and is supported by a small number of clearly defined studios focused on different strategies for design, with shared taught courses developing students' capacity for critical thinking. Graduates of the course will be distinguished by their self-sufficiency, flexibility, and understanding of both theoretical discourse and the practic application of architectural skills.							
	The c who v with a registe	ourse is for ho vish to develo view to taking ering as an arc	olders of an appropriate Honours degree in Architecture p their intellectual, practical, and professional expertise the RIBA Professional Practice part 3 examination, and chitect.					
	The M cri dif cri in su the	laster of Archit tical and reflect architecture a ferent building tical and reflect architecture a stainable envi e expression o	Architecture programme aims to enable students to develop reflective analysis and evaluation of the theoretical discourse ture and their relationship to history and the evolution uilding typologies reflective analysis and evaluation of the technological deba ture and its relationship to architectural history and theoret e environmental, constructional, and structural systems, ar sion of these in a variety of building typologies					

	 investigative and analytical skills and methodologies for the observation, critical reading, and detailed depiction of the physical and cultural aspects of a given site or sites for the construction of architecture synthesis of design propositions for small and medium sized buildings, and the development of these in detail synthesis of a final comprehensive design proposition for related groups of large sized buildings, and the development of these to offer visible evidence of the relationship between theory, design, and technological resolution responsive and diverse communication skills in analogue and digital media appropriate to the presentation demands of the design professional familiarity with the procedures specific to the following modes of scholarly investigation and analysis: interpretation, critique, theory, exploration or testing of research models an ability to define and elaborate a critical position on a selected written topic, with distinctive outcomes in terms of substantial and significant conclusions critical understanding of the role of design economics in the construction process, and the techniques of project evaluation critical understanding of contemporary professional practice in terms of building procurement systems, types of contract, client evaluation of investment potential, and the operation of management systems relating to the members of the professional team.
Course Learning	A. Students will have knowledge and understanding of:
Outcomes	the RIBA/ARB shared criteria closely reflecting the 11 points stated in Article 46 of the Directive 2013/55/EU of the European Parliament and of the Council of 20 November 2013. The principal requirements of an education in architecture are that studies shall be balanced between the theoretical and practical aspects of
	architectural training, and ensure the acquisition of:
	1 an ability to create architectural designs that satisfy both aesthetic and technical requirements
	2 an adequate knowledge of the history and theories of architecture and the related arts, technologies and human sciences
	3 knowledge of the fine arts as an influence on the quality of architectural design
	4 an adequate knowledge of urban design, planning and the skills involved in the planning process
	5 an understanding of the relationship between people and buildings, and between buildings and their environment, and of the need to relate buildings and the spaces between them to human needs and scale
	6 an 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
	7 an understanding of the methods of investigation and preparation of the brief for a design project
	an understanding of the structural design, constructional and

 engineering problems associated with building design an adequate knowledge of physical problems and technologies and of the function of buildings so as to provide them with internal conditions of comfort and protection against the climate the necessary design skills to meet building users' requirements within the constraints imposed by cost factors and building regulations
11 an adequate knowledge of the industries, organizations, regulations, and procedures involved in translating design concepts into buildings and integrating plans into overall planning.
The Master of Architecture course content and delivery provides an education where, at the end of the course and the award of RIBA part 2, students meet (and exceed) the 11 points above and the Graduate Attributes defined for part 2 by the RIBA, as follows:
 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
 ability to evaluate and apply a comprehensive range of visual, oral and written media to test, analyse, critically appraise and explain design proposals
 ability to evaluate materials, processes and techniques that apply to complex architectural designs and building construction, and to integrate these into practicable design proposals
 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
 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
 problem-solving skills, professional judgment, and ability to take the initiative and make appropriate decisions in complex and unpredictable circumstances
 ability to identify individual learning needs and understand the personal responsibility required to prepare for qualification as an architect.
B. Students will develop their intellectual skills such that they are able to:
 demonstrate how observation and analysis of a given site and brief underpins theoretical proposals regarding development of that location demonstrate the integration of investigative and analytical devices with a theoretical understanding of the themas of the source
 adopt a lucid and defensible position on design by reference both to methodology, and an appreciation of the milieu of the proposal in the context of both contemporary and historical architectural culture
 develop an appreciation of buildings as physical, cultural and technological artefacts, within either the urban context or that of the 'natural' landscape
 develop and implement a design strategy in which complex inter- relationships within the brief are addressed in a comprehensive and integrated fashion reflecting the demands of professional practice

•	understand architecture as a complex cultural activity, with different
	outcomes in different social contexts
•	understand the broad range of theoretical approaches to architecture
	and urban design, and their relevance to architecture and building
	typologies of differing scale and function
•	critically and reflectively appraise commentaries on architecture and
	urban design, and consider the alternatives available to architects when
	approaching different design problems
•	critically evaluate the diversity and physical characteristics of structural,
	material and constructional systems available to the architect
•	critically evaluate the environmental services systems available to the
	architect, and the implications implicit of their use for resource efficient
	and sustainable design
•	evaluate the systems outlined above to appropriate, distinctive building
	typologies and locations
•	analyse the arguments in debates surrounding the culture, theory and
	design of architecture, summarise their principal points, and use these to
	establish a thesis for individual projects
•	identify and critically appraise communications techniques, including
	those used in the fine arts, appropriate to the development and
	refinement of complex design proposals
•	demonstrate ability to verbalise such evaluations relative to a design
	course, and to discuss this, where appropriate, with other design team
	protessionals
●	critically evaluate the diversity and physical characteristics of structural,
	material and constructional systems available to the architect
•	critically evaluate the environmental services systems available to the
	architect, and the implications implicit of their use for resource efficient
	and sustainable design
•	evaluate the systems outlined above to appropriate, distinctive building
	typologies and locations
	demonstrate ability to verbalise such evaluations relative to a design
	course, and to discuss this, where appropriate, with other design team
	protessionals
	contextualise the role and responsibilities of the architect in relation to
	other members of the professional design team
	nave knowledge of the ethical position and codes of conduct governing
	the architect
	understand the basic principles of running a design practice
■	understand the basic principles of project management.
	C. Students will acquire and develop practical skills such that they are
	o. Sublems will acquire and develop practical skills such that they are able to:
	demonstrate appreciation and application of the diversity of architectural
	technologies identifying research sources for these relevant to the
	demands of studio design projects
	demonstrate critical and evaluative application of the full range of
•	analogue and digital presentation techniques available, and their
	analogue and digital presentation lectiniques available, and then
	demonstrate critical and evaluative application of 2-D physical modelling
	techniques available in the workshop, and their creative use in design
	nresentation
	demonstrate creative integration of multimedia techniques within design
	oresentations
	ULE AELUCUUUUA

 apply to design studio strategies approaches developed from
understanding the diverse range of histories and theories of architecture
identify research sources and case studies relevant to studio design
projects
 develop structured methodologies applicable to a wide range of design
research
research and complete fully cross-referenced, structured written work
setting out and defending a defined thesis
synthesise the research sources used into writing of a pre-determined
length and format
organise and produce professionally conceived and executed
documente using contemporary coffware
is all written neg anta interruption of barrant atmost and written written
In all written reports, integrate concrent structured writing with
appropriate illustrations, acknowledging where appropriate research
sources using internationally acknowledged referencing systems
use freehand sketching and sketch modelling as the means to appraise
and develop ideas about architecture
using all relevant analogue media and advanced digital software
produce 2- and 3-D drawings, renderings, and enimeted digital media equ
produce 2- and 5-D drawings, rendenings, and animated digital media as
venicies to represent loeas about architecture
 using all relevant analogue media, advanced digital software, and
workshop facilities produce physical and digital 3-D models as vehicles
to represent ideas about architecture
 work within practice as a professional, responsible and business-like
member of a design team
conceive design strategies which are sensitive to issues of cost and
- concerve design strategies which are sensitive to issues of cost and
 understand the complexity of the architect's statutory legal obligations.
D. Students will acquire and develop transferrable skills such that they
are able to:
 apply, develop, and extend those analytical design skills and professional
competences established at undergraduate level, with a focus on
innovation in design construction and resource efficient technology
acquire further ckills and methodologies relevant to contemporary
- acquire miner skins and methodologies relevant to contempolary
processional practice, together with an ability to produce complex and
diverse design proposals
 establish critical intellectual frameworks and, concurrently, engage with
the conceptual, constructional, and environmental context in which the
design process operates
 develop further investigative and analytical skills and methodologies for
observation critical reading and representation of the physical and
cultural senacts of sites for the construction of architecture
• develop discriminating attitudes to research material and methodologies,
and the creative expression of these in extended structured writing about
architecture
 synthesise interim and final comprehensive design propositions for a
medium to large sized buildings, and with the development of these offer
evidence of the integration of relationships between theory design and
technological resolution
satisfy the criteria held jointly by the RIRA and ARR for part 2 courses in
architactura

<u> </u>	C. Teaching and Learning Strategy									
•	a presentation is made to students at the start of each academic year, outlining the scope and character of the studios offered on the MArch programme; students vote for their choice of studios, and these themes reflecting their individual interacts in architecture.									
•	within the first month of the course, students may make a request to change studio with the									
	Course Director, who will review feasibility									
•	site visits, both to allocated sites specific to the design briefs to be undertaken, and to buildings informing studio design courses									
	design studio projects are introduced in studio group seminars for incoming and final years these are followed by individual evaluative tutorials									
•	 students make interim presentations of 2- and 3-D analogue and digital material to their studio staff, peer group, and invited critics illustrating the scope and detail of their emerging design proposal 									
•	students also make a final presentation of 2- and 3-D analogue and digital material to the studio staff, peer group, and invited critics illustrating the scope and detail of their developed final design proposal.									
	semester-length lecture courses, some by guest lecturers individual tutorials									
-	student-led seminars and small group tutorials									
•	workshop-based projects									
	selected site visits, including field trips.									
-	Interim and final design presentations									
	D. Assessment									
	All design studio work is subject to continuous assessment									
	Studio tutors monitor design scheme proposals throughout the semester, and collectively moderate assessments at each semester's end and individual feedback provided to students by their studio leaders									
•	Individual feedback on scheme proposals is provided at every individual studio tutorial through discussion									
•	Design work is critiqued and assessed at the final crit, taking place at the end of each studio module. All relevant work relating to the project must be pinned up and presented to a panel of critics. At the crit students will receive a verbal progress review from studio staff. Students should make detailed notes at these presentations to understand the commentary made on their work									
	module									
	Provisional grades given at the end of semester 1, with all students offered opportunities to review, revise, and add to their design studio submissions. All students to submit a digital copy of their portfolio to their studio leaders									
•	Written assignments examining aspects of architectural history and theory									
•	a written illustrated project report extending aspects of the environmental technology of the major									
	design project of the incoming year									
	Written assignments examining aspects of building production and design economics									
	vvritten assignments examining aspects of professional practice and management									
	A major extended written and illustrated assignment (dissertation) on a subject of personal interest related to architecture, and using primary and secondary sources. Dissertation submissions are always assessed by two readers. Dissertation projects to be submitted online via VLE Moodle & Turnitin									
	A written illustrated technology report extending aspects of the constructional, environmental, and									
	legislative implications of the major design project of the final year of the MArch.									
•	Interim presentation of design studio projects (5 at incoming year level; and 5 at final year level)									
•	Final presentations of design studio projects (3 at incoming year level; 3 at final year level)									
•	Submission of dissertation									
	All taught course modules to be submitted electronically via VLE Moodle & Turnitin									

- Final grades given at the end of semester 2, with all students provided with written feedback by their studio leaders
- All students to submit a digital copy of their portfolio to their studio leaders
- Lecture modules are normally assessed and graded by the lecturer or co-ordinator responsible for the subject and module concerned. In certain circumstances such as a borderline pass or fail, work may be referred to an additional reader (or readers)

E. Academic Regulations

The University's Academic Regulations apply for this course. Any course specific protocols will be identified here.

- Regular attendance for all taught course and studio modules is critical due to the professional nature of the course; regular attendance for all timetabled activities is mandatory.
- Students who miss more than two weeks of design studio or taught courses in any one semester without providing evidence of extenuating circumstances and/or submitting a form applying for extenuating circumstances may be asked either to leave the course, or be withdrawn from the course.
- Students who do not attend their interim and final reviews may be subject to a 20% reduction in their marks for the relevant module/s of study.
- If a student is ill or cannot attend, the studio tutor and course administrator should be informed by e- mail at the earliest opportunity.

F. Entry Requirements

In order to be considered for entry to the course(s) applicants will be required to have a good Honours degree in architecture from one of the following sources:

 a RIBA-recognised course based in the UK, which offers the RIBA part 1 professional award or

a degree in architecture from a recognised international university. In this case, if a student is accepted to the part 2 course they will usually be required (in their first year of study) to submit their folio for the ARB Prescribed Examination. Success in this examination provides confirmation that the degree holder's work is equivalent to other recognised UK HEI degree courses in architecture. If the student is not successful in the Prescribed Examination, they may be asked to leave the course.

Exceptionally, a student may be considered for the course with a good degree in a related discipline such as interior design or architectural engineering. Again in such cases, if a student is accepted to the part 2 course they will usually be required (in their first year of study) to submit their portfolio for the ARB Prescribed Examination.

Exceptionally, students may be considered for direct entry to the final year of the course, providing they have successfully completed the incoming year of a recognised course in architecture that offers the RIBA part 1 professional award.

G. Course structure(s)

Course overview

The Master of Architecture course is offered as a two-year full-time or three-year part-time course, leading to the second part of the professional pathway (RIBA part 2). Following completion of the MArch course and a minimum of two years' eligible practical training, graduates may apply to sit for the RIBA part 3 examination, on successful completion of which they are legally permitted to use the title of architect and join the UK register of architects. They may then elect to become a chartered member of the Royal Institute of British Architects.

Part time MArch students are required to attend one day a week, which is consistently the same day throughout a year of study; in all cases, classes are shared with full-time students. Part time students are advised that – exceptionally – they may be required to attend for two non-consecutive weeks of full-time study each year, one week of which is the optional studio field trip. In both modes of study,

each module (except Design 503) has a value of 20 credits, and students wishing to achieve the award of Master of Architecture must successfully complete and pass all 11 modules.

The programme provides opportunities for students to learn, and develop and demonstrate knowledge, understanding, and skills in the following five related areas:

- design (50% of assessed work is in the form of design studio projects)
- technology
- history and theory and dissertation
- professional practice and design economics
- energy resource efficiency in design

Design modules account for over half of coursework assessments, and are underpinned by the remaining core areas of study. Students are required to successfully complete all modules of study.

M. Arch – Full time

	Semester 1		Semester 2	
YEAR1	Design 401 (compulsory)	20	Energy and Resource Efficiency in Design (compulsory)	20
	Design 402: Arts, Media, and Design (compulsory)	20	Professional Practice and Design Economics (compulsory)	20
	History and Theory: Critical Thinking (compulsory)	20	Design 403 (compulsory)	20
YEAR 2	Design 501 (compulsory)	20	Technology 5: Technical Thesis (coursework) (compulsory)	20
	Design 502: Arts, Media, and Digital (compulsory)	20	Design 503 (double credit module) (compulsory)	40
	Technology 5 (lectures) (compulsory)	0		
	Architecture and Theory: Dissertation (compulsory)	20		

M. Arch -	- Part time								
	Semester 1	L			Semester 2				
Year 1	History an Thinking (d Theory: Critical compulsory)	20		Design 403 (compulsory)		20		
	Design 40	1 (compulsory)	20						
	Design 40 and Desig	2: Arts, Media, n (compulsory)	20						
			·	-			•		
Year 2	Year 2 Professional Practice and Design Economics (compulsory)		20		Energy and Re Efficiency in D (compulsory)	esource esign	20		
	Architectu Dissertatio	re and Theory: on (compulsory)	20						
	Technolog (compulso	gy 5: lectures bry)	0						
Year 3	r 3 Design 501 (compulsory)				Technology 5: Technical The (coursework) (compulsory)	sis	20		
	Design 50 and Digita (compulso	02: Arts, Media, Il Design ory)	20		Design 503 (double credit module) (compulsory)		40		
Placeme	nts inform	ation							
			Η. Coι	urse Moo	lules				
				_	Credit	_			
Modul EBB-7-521	le Code	Module Title Design 401	Level 7	Semest	er value 20	As Design F models	ortfolio and		
EBB-7-522	<u>!</u>	Design 402: Arts, Media, and Design	7	1	20	Design F models	Portfolio and		
EBB-7-523		Design 403	7	2	20	Design F models	Portfolio and		
EBB-7-524		History and Theory: critical Thinking	7	1	20	Formative: 2,000 wo literature review Summative: 3,000 w essay			

EBB-7-525	Energy and Resource Efficiency in Design	7	2	20	A3 Written and drawn report
EBB-7-526	Professional Practice and Design Economics	7	2	20	A3 Written and drawn report
EBB-7-527	Design 501	7	3	20	Design Portfolio and models
EBB-7-528	Design 502: Arts, Media, and Digital Design	7	3	20	Design Portfolio and models
EBB-7-529	Design 503	7	4	40	Design Portfolio and models
EBB-7-530	Architecture and Theory: Dissertation	7	3	20	10,000 word dissertation project
EBB-7-531	Technology 5: Technical Thesis	7	4	20	A3 written and drawn report, tied to Design 503 project
EBB-7-533	Technology 5: lectures	7	3	0	

I. Timetable information

Students will receive a physical, printed copy of their timetable at the course induction session in September. Once the student has fully enrolled their timetable will be available to view through the VLE Moodle page.

- The full time course is 2 academic years in duration. There are two teaching semesters in the year, each 15 weeks long; however, students will be expected to use the breaks between semesters and vacations to structure, realise, and forward plan their work.
- For full time students, attendance is three days a week. Design studio takes place 2 days a week, these sessions may run as one-one tutorials, small group seminars, or workshops. Taught courses take place 1 day a week. This arrangement is the same for both incoming and final year students on the full time route.
- The part time course is 3 academic years in duration. There are two teaching semesters in the year, each 15 weeks long; however, students will be expected to use the breaks between semesters and vacations to structure, realise, and forward plan their work.
- For part time students, attendance is 1 day a week, in year 1. Design studio takes place 1 day a week, these sessions may run as one-one tutorials, small group seminars, or workshops.. In year 2, taught courses are held on 1 day in the week. In year 3, design studio is held 1 day a week, these sessions may run as one-one tutorials, small group seminars, or workshops.
- Any alterations to the timetable will be announced to students before the session via VLE Moodle

J. Costs and financial support

Course related costs

Students may be required to purchase copies of certain books for both design studio and taught course modules, we will aim to include as much as we can within our library resources. Students will be required to purchase design portfolio to store their drawings. Also, students will be required to print their work and purchase their own model-making materials.

The **cost of field trips is additional to normal fee commitments** and may cost between £500 - £1500 for flights and accommodation. Although it is strongly recommended students go on a least one field trip during their study time at London South Bank University, field trips are not mandatory. It is appreciated these events involve considerable cost to students. However, if a student commits to a field trip and then decides not to go (for whatever reason) they are liable for the cost of the trip. All students must also check whether they require a relevant visa to visit a field trip destination, in some cases allowing several weeks/months for processing. If students cannot fund a field trip, they instead undertake work at LSBU.

Tuition fees/financial support/accommodation and living costs

- Information on tuition fees/financial support can be found by clicking on the following link <u>http://www.lsbu.ac.uk/courses/undergraduate/fees-and-funding</u> or
- http://www.lsbu.ac.uk/courses/postgraduate/fees-and-funding
- Information on living costs and accommodation can be found by clicking the following linkhttps://my.lsbu.ac.uk/my/portal/Student-Life-Centre/International-Students/Starting-at-LSBU/#expenses

List of Appendices

- Appendix A: Curriculum Map
- Appendix B: PDP/Educational Framework
- Appendix C: Terminology

Appendix A: Curriculum Map

			programme outcomes																	
modules			knowledge and understanding: 11 points of Article 46 of Directive 2013/55/FU													BA pa	rt 2			
			11 b	omts	OI AIL	icie 4		recuv	e 201	5/55/	EU			intellectual pi skills sl			lls transfo		erable skills	
level	title	code	1	2	3	4	5	6	7	8	9	10	11	i.	ii.	iii.	ν.	iv.	vi.	vii.
7	Design 401	EBB-7- 521	TDA	D	TDA		TDA	TDA	TDA					TDA	TDA			TDA	TDA	
7	Design 402: Arts, Media, and Design	EBB-7- 522	TDA	D	TDA	DA	TDA	TDA	TDA					TDA	TDA			TDA	TDA	
7	Design 403	EBB-7- 523	TDA	DA	TDA	DA	TDA	TDA	TDA	TDA	TDA	DA		TDA	TDA	TDA		TDA	TDA	TDA
7	History and Theory: critical Thinking	EBB-7- 524		TDA		D	DA											TDA	DA	
7	Energy and Resource Efficiency in Design	EBB-7- 525	TDA						DA	TDA	TDA	TDA	DA	DA		TDA	TDA		TDA	TDA
7	Professional Practice and Design Economics	EBB-7- 526						TDA	DA			TDA	TDA			TDA	TDA		TDA	TDA
7	Design 501	EBB-7- 527	TDA	D	TDA		TDA	TDA	TDA					TDA	TDA			TDA	TDA	
7	Design 502: Arts, Media, and Digital Design	EBB-7- 528	TDA	D	TDA	DA	TDA	TDA	TDA					TDA	TDA			TDA	TDA	
7	Design 503	EBB-7- 529	TDA	DA	TDA	DA	TDA	TDA	TDA	TDA	TDA	DA		TDA	TDA	TDA		TDA	TDA	TDA
7	Architecture and Theory: Dissertation	EBB-7- 530		TDA		D	DA											TDA	DA	
7	Technology 5: Technical Thesis	EBB-7- 531	TDA						DA	TDA	TDA	TDA	DA	DA		TDA	TDA		TDA	TDA

This map provides a design aid to help course teams identify where course outcomes are being developed, taught and assessed within the course. It also provides a checklist for quality assurance purposes and may be used in validation, accreditation and external examining processes. Making the learning outcomes explicit will also help students to monitor their own learning and development as the course progresses.

Appendix B: Personal Development Planning

Personal Development Planning (PDP) is a structured process by which an individual reflects upon their own learning, performance and/or achievement and identifies ways in which they might improve themselves academically and more broadly. Course teams are asked to indicate where/how in the course/across the modules this process is supported.

Approach to PDP	Level 7
1 Supporting the development and recognition of skills through the personal tutor system.	On commencement of their studies in semester 1, all students attend a studio introduction at which all the design studio tutors present the academic themes to be explored over the next year of study. The introductions clarify the suitability of the studio to the student; students then vote for their first, second, and third choice studios. Final year students, wherever possible, will be given their first choice of studio. Because of their close contact with students throughout the year ahead, studio staff (and in particular, the studio leader) undertake the role of both academic and personal tutor.
	Personal tutoring is also carried out via the course director and other members of the course team who will be available to guide students through their Level 7 studies, and clarify/discuss possible professional career trajectories and further study pathways.
	Students are always aware of, and focussed on, their options for professional practice following graduation, and will discuss this with their studio tutors in both years of study.
2 Supporting the development and recognition of skills in academic modules/modules.	All studio and taught courses are devoted to incremental development of knowledge and skills, in a diverse group of learners. Studio and taught course briefs are framed to allow students' experience and personal perspectives to inform their work, with exemplar projects used to define a number of different approaches to achieving successful academic outcomes.
	A variety of assessment techniques are used to consider a wide range of skills; these include individual and small group tutorials, seminars, interim and final presentations, and design critiques with guest critics. These allow students to develop advanced skills with a range of verbal, drawn, written, and modelled representation techniques, using both analogue and digital media.
3 Supporting the development and recognition of skills through purpose designed modules/modules.	 All modules support and develop skills in a strategic manner. Specific skills delivered in modules are: independent research of design problems, sufficient to develop complex architectural proposals critical evaluation of a broad range of research data a range of design methodologies used to synthesise data, and practically interpret this data problem solving, including design conceptualisation, technical information, and communication and innovative representation of

	 acting professionally, and understanding the professional context of architecture where appropriate, analysis and application of numerical data relating to environmental testing independent creative thought effective teamwork, developing, sharing, and analysing research applying appropriate advanced information technology to tasks, especially drawing and modelling
	dissertation of 10,000 words plus
4 Supporting the development and recognition of skills through research projects and dissertations work.	 introduction to and comparative analysis of design methodologies design research supporting studio design submissions exploration and synthesis of design research to develop design proposals secondary source research for shorter written submissions literature searches and primary and secondary source research for dissertation individual dissertation tutorials; group seminars
5 Supporting the development and recognition of career management skills.	 reflective course submissions considering work in professional practice reviewing CV writing, business models for architects' practices, employment law submission for design economics of building production based on case study analyses introduction to Professional Experience Development Record (PEDR) recording activities in practice considering possibilities for future employment in terms of student's personal interests/capability reviewing the scope and diverse nature of architects' practices, and how the academic portfolio is prepared and tailored to suit specific interviews for future employment
6 Supporting the development and recognition of career management skills through work placements or work experience.	 This programme includes: discipline specific guest speakers (including LSBU alumni) from commerce, industry, and practice skills training and networking including CV development; Interview and assessment training through iterative skills development via design presentations group exercise to develop team working skills inter disciplinary design charettes, e.g. Teambuild participation in RIBA-sponsored collaborative design projects (Polyark II, Polyark III/Polyport etc.) qualitative and quantitative research workshops workshops for advanced software training (Rhino, Grasshopper, Maya etc.) academic research and referencing skills (LSBU library, British Library etc.) posters and various student led societies participation in field trips offered as addition to studio and taught course work (destinations visited include: Beijing, Berlin, Cairo, Chandigarh, Chicago, Delhi, Dubai, Havana, Hong Kong, Istanbul, Jaipur, Las Vegas, Marrakesh, Moscow, New York, Paris, Seoul, Shanghai, St Petersburg, Tokyo, and Yokohama)

7 Supporting the development of skills by recognising that they can be developed through extra curricula activities.	 In addition to the timetabled lectures, tutorials, and workshop sessions, this programme provides MArch students with opportunities to audit the entire undergraduate and postgraduate architecture programme, including: discipline specific guest speakers (including LSBU alumni) from commerce, industry, and practice professional body input from Royal Institute of British Architects for student mentoring, the Climate Change and Design Through Production road shows, and LSBU Open Lecture series skills training and networking including CV development; Interview and assessment training through iterative skills development via design presentations group exercise and competitions to develop team working skills inter disciplinary design charrettes, e.g. Teambuild participation in RIBA-sponsored collaborative design projects (the Polyark international collaborative design programme the annual <u>Research Matters</u> event, the <u>Perspectives on Architecture</u> programme etc.) qualitative and quantitative research sessions; workshops for advanced software training (Rhino, Grasshopper, Maya etc.) attendance at symposia at Building Centre, and other London schools of architecture advanced facilities for academic research (access to the LSBU library, the British Library, the British Architectural Library, the RIBA Drawings Collection at the V&A etc.) research poster sessions, student led societies, Student Union activities on campus participation in field trips offered as addition to design.
	participation in field trips offered as addition to design, workshop, and taught course sessions (destinations visited include: Beijing, Berlin, Cairo, Chandigarh, Chicago, Delhi, Dubai, Hanoi, Havana, Ho Chi Minh City, Hong Kong, Istanbul, Jaipur, Las Vegas, Marrakesh, Moscow, New York, Paris, Seoul, Shanghai, St Petersburg, Tokyo, and
8 Supporting the development of the skills and attitudes as a basis for continuing professional development.	During their professional practical experience, all students benefit from being embedded in a professional environment where regular CPD sessions are part of the mandatory requirement for all chartered architects.
9 Other approaches to personal development planning.	This is implicit in the self-managed scholarly activity all students are involved in when outside the studio and classroom.
10 The means by which self-reflection, evaluation and planned development is supported e.g. electronic or paper-based learning log or diary.	Whilst students do not keep a formal PDP as such, many opportunities are given for reflection in response to the written feedback students receive after their interim and final juries, and following submission of their written work in relation to histories and theories of architecture, technology, and professional practice.

Appendix B: Embedding the Educational Framework for Postgraduate Courses

The Educational Framework at London South Bank University is a set of principles for curriculum design and the wider student experience that articulate our commitment to the highest standards of academic knowledge and understanding applied to the challenges of the wider world.

The Educational Framework reflects our status as University of the Year for Graduate Employment awarded by *The Times and The Sunday Times Good University Guide 2018* and builds on our 125 year history as a civic university committed to fostering social mobility through employability and enterprise, enabling our students to translate academic achievement into career success.

There are four key characteristics of LSBU's distinctive approach to the undergraduate curriculum and student experience:

- Develop students' professional and vocational skills through application in industrystandard facilities
- Develop our students' graduate attributes, self-awareness and behaviours aligned to our EPIIC values
- Integrate opportunities for students to develop their confidence, skills and networks into the curriculum
- Foster close relationships with employers, industry, and Professional, Statutory and Regulatory Bodies that underpin our provision (including the opportunity for placements, internships and professional opportunities)

The dimensions of the Educational Framework for curriculum design are:

- informed by employer and industry needs as well as professional, statutory and regulatory body requirements
- **embedded learning development** for all students to scaffold their learning through the curriculum taking into account the specific writing and thinking requirements of the discipline/profession
- high impact pedagogies that enable the development of student professional and vocational learning through application in industry-standard or authentic workplace contexts
- inclusive teaching, learning and assessment that enables all students to access and engage the course
- **assessment** *for* **learning** that provides timely and formative feedback

All courses should be designed to support these five dimensions of the Educational Framework. Successful embedding of the Educational Framework requires a systematic approach to course design and delivery that conceptualises the student experience of the curriculum as a whole rather than at modular level and promotes the progressive development of understanding over the entire course. It also builds on a well-established evidence base across the sector for the pedagogic and assessment experiences that contribute to high quality learning.

This appendix to the course specification document enables course teams to evidence how their courses meet minimum expectations, at what level where appropriate, as the basis for embedding the Educational Framework in all postgraduate provision at LSBU. The Educational Framework at London South Bank University is a set of principles for curriculum design and the wider student experience that articulate our commitment to the highest standards of academic knowledge and understanding applied to the challenges of the wider world.

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This appendix to the course specification document enables course teams to evidence how their courses meet minimum expectations, at what level where appropriate, as the basis for embedding the Educational Framework in all undergraduate provision at LSBU.

Dimension of the Educational Framework	Minimum expectations and rationale	How this is achieved in the course
Curricula informed by employer and industry need	<u>Outcomes focus and</u> <u>professional/employer links</u> All LSBU courses will evidence the involvement of external stakeholders in the curriculum design process as well as plan for the participation of employers and/or alumni through guest lectures or Q&A sessions, employer panels, employer-generated case studies or other input of expertise into the delivery of the course provide students with access to current workplace examples and role models.	This proposal reflects the government initiative to develop professional skills by a greater engagement between the university, and learners and employers. The architecture Professional Advisory Board at LSBU provides industry-based inputs into the architecture programme, as does feedback from the external examination process

	Students should have access to	
	employers and/or alumni in at least one	
	module at level 4.	
Embedded	Support for transition and academic	The Cultural Context modules
learning	preparedness	particularly address these
development	At least two modules at level 4 should	issues, although all students are
	include embedded learning	asked to develop analytical
	development in the curriculum to	thinking across all subject areas
	support student understanding of, and	in the curriculum, irrespective of
	familiarity with, disciplinary ways of	whether it is design studio
	thinking and practising (e.g. analytical	projects, technology, or
	thinking, academic writing, critical	professional practice
	reading, reflection). Where possible,	
	learning development will be normally	
	integrated into content modules rather	
	than as standalone modules. Other	
	level 4 modules should reference and	
	reinforce the learning development to	
	aid in the transfer of learning.	
High impact	Group-based learning experiences	The inception stages of the
pedagogies	The capacity to work effectively in	design studio projects all give
	teams enhances learning through	opportunities for team-based
	working with peers and develops	work, when aggregating site data
	student outcomes, including	allows students to work together
	communication, networking and respect	and share knowledge.
	for diversity of perspectives relevant to	
	professionalism and inclusivity. At	
	least one module at level 4 should	
	include an opportunity for group	
	working. Group-based learning can also	
	be linked to assessment at level 4 if	
	appropriate. Consideration should be	
	given to how students are allocated to	
	groups to foster experience of diverse	
	perspectives and values.	
Inclusive	Accessible materials, resources and	The resources offered to our
teaching,	activities	students are identical to those
learning and	All course materials and resources,	offered all our FI and PI
assessment	Including course guides, PowerPoint	students and apprentices, and
	presentations, nandouts and Moodle	include our studios, site libraries,
	format. For example, font type and size	and AV auitan Clear module
	lowout and colour as well as captioning	descriptors procisely conture
	ar transcripts for audio visual materials	learning outcomes and the
	Consideration should also be given to	source material informing these
	accessibility and the availability of	source material morning these
	alternative formats for reading lists	
Assessment	Assessment and feedback to support	As architecture centres on 1:1
for learning	attainment progression and retention	tutorials and an intensive studio
<i>ioi</i> icaning	Assessment is recognised as a critical	environment students on the
	point for at risk students as well as	architecture programme have
	integral to the learning of all students	unique access to their tutors
	Formative feedback is essential during	and the possibility of
	transition into university. All first	incremental, week by week
	semester modules at level 4 should	feedback on their work. The
	include a formative or low-stakes	intimate environment of

	summative assessment (e.g. low weighted in final outcome for the module) to provide an early opportunity for students to check progress and receive prompt and useable feedback that can feed-forward into future learning and assessment. Assessment and feedback communicates high expectations and develops a commitment to excellence .	architectural education is extremely supportive
High impact pedagogies	Research and enquiry experiences Opportunities for students to undertake small-scale independent enquiry enable students to understand how knowledge is generated and tested in the discipline as well as prepare them to engage in enquiry as a highly sought after outcome of university study. In preparation for an undergraduate dissertation at level 6, courses should provide opportunities for students to develop research skills at level 4 and 5 and should engage with open-ended problems with appropriate support. Research opportunities should build student autonomy and are likely to encourage creativity and problem- solving. Dissemination of student research outcomes, for example via posters, presentations and reports with	Independent enquiry underpins all design teaching. The need for the student to speculate and originate is explicitly stated in the majority of project briefs, whether these relate to design studio programmes, research and extended writing, or professional and technical matters. At all stages, the educational process is challenging the need to progress knowledge
Curricula informed by employer and industry need / Assessment for learning	Authentic learning and assessment tasks Live briefs, projects or equivalent authentic workplace learning experiences and/or assessments enable students, for example, to engage with external clients, develop their understanding through situated and experiential learning in real or simulated workplace contexts and deliver outputs to an agreed specification and deadline. Engagement with live briefs creates the opportunity for the development of student outcomes including excellence , professionalism , integrity and creativity . A live brief is likely to develop research and enquiry skills and can be linked to assessment if appropriate.	All project briefs relate to real world sites and scenarios; the intrinsic issue of architectural education is defining and understanding the parameters that influence design solutions. Developing solutions requires an ethical and socially purposeful approach to the work of the student, and the need for flexible and innovative thinking
Inclusive teaching, learning and assessment	<u>Course content and teaching methods</u> <u>acknowledge the diversity of the student</u> <u>cohort</u> An inclusive curriculum incorporates images, examples, case studies and	Again, it is in approaching each submission as an opportunity for the student to define their own personality and potential as a learner that makes architecture

	other resources from a broad range of cultural and social views reflecting diversity of the student cohort in terms of, for example, gender, ethnicity, sexuality, religious belief, socio- economic background etc. This commitment to inclusivity enables students to recognise themselves and their experiences in the curriculum as well as foster understanding of other viewpoints and identities.	uniquely inclusive. There are no standardised approaches, and each student will be encouraged to develop a rigorous and personal pedagogy to all aspects of their learning
Curricula informed by employer and industry need	Work-based learning Opportunities for learning that is relevant to future employment or undertaken in a workplace setting are fundamental to developing student applied knowledge as well as developing work-relevant student outcomes such as networking, professionalism and integrity . Work- based learning can take the form of work experience, internships or placements as well as, for example, case studies, simulations and role-play in industry-standards settings as relevant to the course. Work-based learning can be linked to assessment if appropriate	All students are already committed to workplace-based learning as part of their mandatory pre-registration professional practical experience
Embedded learning development	Writing in the disciplines: Alternative formats The development of student awareness, understanding and mastery of the specific thinking and communication practices in the discipline is fundamental to applied subject knowledge. This involves explicitly defining the features of disciplinary thinking and practices, finding opportunities to scaffold student attempts to adopt these ways of thinking and practising and providing opportunities to receive formative feedback on this. A writing in the disciplines approach recognises that writing is not a discrete representation of knowledge but integral to the process of knowing and understanding in the discipline. It is expected that assessment utilises formats that are recognisable and applicable to those working in the profession. For example, project report, presentation, poster, lab or field report, journal or professional article, position paper, case report, handbook, exhibition guide.	Our communications and professional practice modules explicitly stress the need for the apprentice to communicate clearly, creatively, and concisely using a range of analogue and digital media. The criticality of defining a clear position that is appreciative of clients and end users. Whilst there is an emphasis on 2- and 3D visual communication, the student is also encouraged to understanding the breadth of client bodies and communities, and the appropriate trajectory to take when designing for diversity

High impact	Multi-disciplinary interdisciplinary or	As all students are aware that
nedagogies	interprofessional group-based learning	they are being educated for a
pouugogioo	experiences	career in professional practice.
	Building on experience of group working	there is a continuous exposure
	at level 4, at level 5 students should be	to the range of cultures, sills, and
	provided with the opportunity to work	disciplinary approached implicit
	and manage more complex tasks in	in any project design team
	groups that work across traditional	tackling architectural design
	disciplinary and professional boundaries	projects.
	and reflecting interprofessional work-	
	place settings. Learning in multi- or	
	interdisciplinary groups creates the	
	opportunity for the development of	
	student outcomes including inclusivity ,	
	communication and networking.	
Assessment	Variation of assessment	Assessment ranges from the
for learning	An inclusive approach to curriculum	informal feedback received in
5	recognises diversity and seeks to create	tutorials to provisional grading
	a learning environment that enables	given at design juries, the
	equal opportunities for learning for all	marking of written submissions
	students and does not give those with a	often reviewed by more than one
	particular prior qualification (e.g. A-level	reader, to the moderated
	or BTEC) an advantage or	assessments undertaken cy
	disadvantage. An holistic assessment	course team review and
	strategy should provide opportunities for	moderation at the completion of
	all students to be able to demonstrate	each semester
	achievement of learning outcomes in	
	different ways throughout the course.	
	This may be by offering alternate	
	assessment tasks at the same	
	assessment point, for example either a	
	written or oral assessment, or by	
	offering a range of different assessment	
	tasks across the curriculum.	
Curricula	Career management skills	Please refer to the first section
informed by	Courses should provide support for the	
employer and	development of career management	
industry need	skills that enable student to be familiar	
	with and understand relevant industries	
	or professions, be able to build on work-	
	related learning opportunities,	
	understand the role of self-appraisal	
	and planning for lifelong learning in	
	career development, develop resilience	
	and manage the career building	
	process. This should be designed to	
	inform the development of excellence	
	and professionalism.	
	Capstone project/dissertation	Extended writing is critical to the
informed by	I ne level 6 project or dissertation is a	aevelopment of the rounded
employer and	critical point for the integration and	projessional architect, and all
noustry need /	synthesis of knowledge and skills from	students will be taught the value
	across the course. It also provides an	throughout pieces of writing that
Ligh impost	the accomment is outbantic inductry	define and extend the student's
nghimpact	facing or client driven. It is	porsonal interest in areas directly
peuayoyies	i aung ur uient-unven. It is	personal interest in areas directly

recommended that this is a canstone	related to and adjoining
experience, bringing together all	architecture
learning across the course and creates	
the opportunity for the development of	
student outcomes including	
professionalism, integrity and	
creativity.	

Appendix C: Terminology

[Please provide a selection of definitions according to your own course and context to help prospective students who may not be familiar with terms used in higher education. Some examples are listed below]

awarding body	a UK higher education provider (typically a university) with the power to award higher education qualifications such as degrees
bursary	a financial award made to students to support their studies; sometimes used interchangeably with 'scholarship'
collaborative provision	a formal arrangement between a degree-awarding body and a partner organisation, allowing for the latter to provide higher education on behalf of the former
compulsory module	a module that students are required to take
contact hours	the time allocated to direct contact between a student and a member of staff through, for example, timetabled lectures, seminars and tutorials
coursework	student work that contributes towards the final result but is not assessed by written examination
current students	students enrolled on a course who have not yet completed their studies or been awarded their qualification
delivery organisation	an organisation that delivers learning opportunities on behalf of a degree-awarding body
distance-learning course	a course of study that does not involve face-to-face contact between students and tutors
extracurricular	activities undertaken by students outside their studies
feedback (on assessment)	advice to students following their completion of a piece of assessed or examined work
formative assessment	a type of assessment designed to help students learn more effectively, to progress in their studies and to prepare for summative assessment; formative assessment does not contribute to the final mark, grade or class of degree awarded to students

higher education provider	organisations that deliver higher education
independent learning	learning that occurs outside the classroom that might include preparation for scheduled sessions, follow-up work, wider reading or practice, completion of assessment tasks, or revision
intensity of study	the time taken to complete a part-time course compared to the equivalent full-time version: for example, half-time study would equate to 0.5 intensity of study
lecture	a presentation or talk on a particular topic; in general lectures involve larger groups of students than seminars and tutorials
learning zone	a flexible student space that supports independent and social earning
material information	information students need to make an informed decision, such as about what and where to study
mode of study	different ways of studying, such as full-time, part-time, e-learning or work-based learning
modular course	a course delivered using modules
module	a self-contained, formally structured unit of study, with a coherent and explicit set of learning outcomes and assessment criteria; some providers use the word 'course' or 'course unit' to refer to individual modules
national teaching fellowship	a national award for individuals who have made an outstanding impact on student learning and the teaching profession
navigability (of websites)	the ease with which users can obtain the information they require from a website
optional module	a module or course unit that students choose to take
performance (examinations)	a type of examination used in performance- based subjects such as drama and music
professional body	an organisation that oversees the activities of a particular profession and represents the interests of its members
prospective student	those applying or considering applying for any programme, at any level and employing any mode of study, with a higher education provider

regulated course	a course that is regulated by a regulatory body
regulatory body	an organisation recognised by government as being responsible for the regulation or approval of a particular range of issues and activities
scholarship	a type of bursary that recognises academic achievement and potential, and which is sometimes used interchangeably with 'bursary'
semester	either of the parts of an academic year that is divided into two for purposes of teaching and assessment (in contrast to division into terms)
seminar	seminars generally involve smaller numbers than lectures and enable students to engage in discussion of a particular topic and/or to explore it in more detail than might be covered in a lecture
summative assessment	formal assessment of students' work, contributing to the final result
term	any of the parts of an academic year that is divided into three or more for purposes of teaching and assessment (in contrast to division into semesters)
total study time	the total time required to study a module, unit or course, including all class contact, independent learning, revision and assessment
tutorial	one-to-one or small group supervision, feedback or detailed discussion on a particular topic or project
work/study placement	a planned period of experience outside the institution (for example, in a workplace or at another higher education institution) to help students develop particular skills, knowledge or understanding as part of their course
workload	see 'total study time'
written examination	a question or set of questions relating to a particular area of study to which candidates write answers usually (but not always) under timed conditions