

		MArch 4						MArch 5					
		ARCH401	ARCH402	ARCH403	ARCH404	ARCH405	ARCH407	ARCH480	ARCH520	ARCH521	ARCH522	ARCH524	Criteria assessed to passing standard
GC1	Ability to create architectural designs that satisfy both aesthetic and technical requirements. The graduate will have the 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;	●	●	●	●				●		●	●	ARCH401; ARCH402; ARCH403; ARCH404; ARCH520; ARCH522
	.2 Understand the constructional and structural systems, the environmental strategies and the regulatory requirements that apply to the design and construction of a comprehensive design project;	●	●	●	●				●		●	●	ARCH402; ARCH522
	.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.	●	●	●	●				●		●	●	ARCH401; ARCH403; ARCH404; ARCH520; ARCH522
GC2	Adequate knowledge of the histories and theories of architecture and the related arts, technologies and human sciences. The graduate will have knowledge of:												
	.1 The cultural, social and intellectual histories, theories and technologies that influence the design of buildings;	●	●	●	●			●	●	●	●	●	ARCH401; ARCH404; ARCH520; ARCH522
	.2 The influence of history and theory on the spatial, social, and technological aspects of architecture;	●	●	●	●			●	●	●	●	●	ARCH401; ARCH403; ARCH404; ARCH520; ARCH522
	.3 The application of appropriate theoretical concepts to studio design projects, demonstrating a reflective and critical approach.	●	●	●	●			●	●		●	●	ARCH401; ARCH403; ARCH520; ARCH522
GC3	Knowledge of the fine arts as an influence on the quality of architectural design. The graduate will have knowledge of:												
	.1 How the theories, practices and technologies of the arts influence architectural design;								●	●	●	●	ARCH522; ARCH524
	.2 The creative application of the fine arts and their relevance and impact on architecture;								●	●	●	●	ARCH522; ARCH524
	.3 The creative application of such work to studio design projects, in terms of their conceptualisation and representation.						●			●	●	●	ARCH522; ARCH524
GC4	Adequate knowledge of urban design, planning and the skills involved in the planning process The graduate will have knowledge of:												
	.1 Theories of urban design and the planning of communities;			●	●				●		●	●	ARCH403; ARCH404; ARCH520; ARCH522
	.2 The influence of the design and development of cities, past and present on the contemporary built environment;			●	●				●		●	●	ARCH403; ARCH404; ARCH520; ARCH522
	.3 Current planning policy and development control legislation, including social, environmental and economic aspects, and the relevance of these to design development.			●	●				●		●	●	ARCH403; ARCH404; ARCH520; ARCH522
GC5	Understanding of the relationship between people and buildings, and between buildings and their environment, and the need to relate buildings and the spaces between them to human needs and scale. The graduate will have an understanding of:												
	.1 The needs and aspirations of building users;	●	●	●	●		●		●		●	●	ARCH401; ARCH404; ARCH407; ARCH520; ARCH522
	.2 The impact of buildings on the environment, and the precepts of sustainable design;	●	●	●	●		●		●		●	●	ARCH401; ARCH404; ARCH407; ARCH520; ARCH522
	.3 The way in which buildings fit into their local context.	●	●	●	●		●		●		●	●	ARCH401; ARCH403; ARCH404; ARCH520; ARCH522
GC6	Understanding of the profession of architecture and the role of the architect in society, in particular in preparing briefs that take account of social factors. The graduate will have an 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;				●	●			●		●	●	ARCH405; ARCH520
	.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;				●	●	●		●		●	●	ARCH405; ARCH407
	.3 The potential impact of building projects on existing and proposed communities.				●	●			●		●	●	ARCH404; ARCH405; ARCH520
GC7	Understanding of the methods of investigation and preparation of the brief for a design project. The graduate will have an understanding of:												
	.1 The need to critically review precedents relevant to the function, organisation and technological strategy of design proposals;			●	●		●		●		●	●	ARCH407; ARCH520; ARCH522
	.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;			●	●		●		●		●	●	ARCH404; ARCH407; ARCH520; ARCH522
	.3 The contributions of architects and co-professionals to the formulation of the brief, and the methods of investigation used in its preparation.			●	●		●		●		●	●	ARCH404; ARCH407; ARCH520; ARCH522

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GC8	Understanding of the structural design, constructional and engineering problems associated with building design. The graduate will have an understanding of:												
	.1 The investigation, critical appraisal and selection of alternative structural, constructional and material systems relevant to architectural design;	●	●		●		●		●		●	●	ARCH401; ARCH402; ARCH404; ARCH407; ARCH520; ARCH522
	.2 Strategies for building construction, and ability to integrate knowledge of structural principles and construction techniques;	●	●		●		●		●		●	●	ARCH402; ARCH407; ARCH522
	.3 The physical properties and characteristics of building materials, components and systems, and the environmental impact of specification choices.	●	●		●		●		●		●	●	ARCH402; ARCH407; ARCH522
GC9	Adequate knowledge of physical problems and technologies and the function of buildings so as to provide them with internal conditions of comfort and protection against the climate. The graduate will have knowledge of:												
	.1 Principles associated with designing optimum visual, thermal and acoustic environments;	●	●		●		●		●		●	●	ARCH402; ARCH404; ARCH407
	.2 Systems for environmental comfort realised within relevant precepts of sustainable design;	●	●		●		●		●		●	●	ARCH402; ARCH404; ARCH407
	.3 Strategies for building services, and ability to integrate these in a design project.	●	●		●		●		●		●	●	ARCH402; ARCH404; ARCH407
GC10	The necessary design skills to meet building users' requirements within the constraints imposed by cost factors and building regulations. The graduate will have the 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;		●				●	●					ARCH402; ARCH405; ARCH407
	.2 Understand the cost control mechanisms which operate during the development of a project;		●				●	●					ARCH402; ARCH405; ARCH407
	.3 Prepare designs that will meet building users' requirements and comply with UK legislation, appropriate performance standards and health and safety requirements.		●				●						ARCH402; ARCH407
GC11	Adequate knowledge of the industries, organisations, regulations and procedures involved in translating design concepts into buildings and integrating plans into overall planning. The graduate will have knowledge 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;		●				●	●					ARCH402; ARCH405; ARCH407
	.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;		●				●	●					ARCH402; ARCH405; ARCH407
	.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.		●				●	●					ARCH402; ARCH405; ARCH407