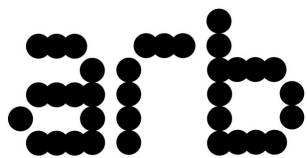


Prescription of qualifications

ARB Criteria at Part 2

Approved: January 2010
Effective From: 2011/2012



Architects
Registration
Board

Introduction

Under the Architects Act 1997, the Architects Registration Board (ARB) has the responsibility for prescribing the qualifications and practical experience required for entry onto the UK Register of Architects.

The General Criteria below describe the subject material that must be covered by students gaining qualifications that are prescribed by ARB at Part 1 and Part 2 levels. The same General Criteria are applied to those seeking to establish the equivalence of non-prescribed qualifications through ARB's Prescribed Examinations. The Professional Criteria at Part 3 set out the additional knowledge and skills that an individual is expected to have in order to register and practise in the UK.

ARB is the UK's competent authority for architects under the Mutual Recognition of Professional Qualifications Directive [2005/36/EC]. The Directive facilitates the recognition of qualifications across the European Union. These General Criteria are consistent with the requirements for qualifications for architects arising from the Directive.

Educational institutions should ensure that they are familiar with the relevant requirements of the Directive and the European Commission's related guidance when designing or changing any qualification in relation to which prescription may be sought. The Commission's guidance includes by way of example a requirement that qualifications must be 'principally' in architecture and guidance as to how to deal with the inclusion of specialisms within qualifications.

Further details can be obtained from ARB's Qualifications Department – QualificationsDepartment@arb.org.uk

The General Criteria at Part 1 and Part 2 levels are now explicitly linked to the 11 points that form a part of Article 46 of the Directive. Parts 1 and 2 are differentiated by Graduate Attributes, which reflect the level of learning which must be exhibited by students who achieve prescribed qualifications at Part 1 and Part 2. Using the Graduate Attributes, ARB will determine the general level of attainment of students and the methods of assessment and testing of students. The assessment and testing will be in the context of the course content and delivery, through which the General Criteria should be met.

The requirements for Part 3 are specific UK requirements for registration, and the five Professional Criteria at Part 3 are not fully derived from the Directive. However, elements of these criteria are included within the General Criteria with the effect that professional aspects leading to Part 3 should be contained within courses meeting the General Criteria.

This document should be read in conjunction with ARB's Procedures for the Prescription of Qualifications and, where appropriate, with ARB's Examination Procedures.

The General Criteria and Graduate Attributes at Part 1 and Part 2 levels are included within the QAA's Subject Benchmark Statement and are based upon their level indicators. The General Criteria and Graduate Attributes at Part 1 and Part 2 and the Professional Criteria at Part 3 are also used by the Royal Institute of British Architects and the Royal Incorporation of Architects in Scotland for the purposes of admission to membership.

Interpretation of Requirements at Parts 1 and 2

The Criteria comprise three sections as follows:

- The General Criteria at Parts 1 and 2;
- The Graduate Attributes for Part 1; and
- The Graduate Attributes for Part 2.

To interpret the document for Part 1 courses and assessments, the General Criteria at Parts 1 and 2 as a whole, including the numbered subsections, should be read along with the Graduate Attributes for Part 1.

Similarly, for Part 2, the General Criteria including subsections should be read along with the Graduate Attributes for Part 2. No weightings are given to the areas within the General Criteria with the exception of Design, which is to constitute at least half of assessed work at Part 1 and Part 2 levels.

The terms 'knowledge', 'understanding' and 'skills' are used in the General and Professional Criteria to indicate the nature of achievement required as the student progresses through qualifications at Parts 1 and 2.

The General Criteria at Part 1 and Part 2

GC1 Ability to create architectural designs that satisfy both aesthetic and technical requirements.

GC1 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;
- .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;
- .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.

GC2 Adequate knowledge of the histories and theories of architecture and the related arts, technologies and human sciences.

GC2 The graduate will have 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.

GC3 Knowledge of the fine arts as an influence on the quality of architectural design.

GC3 The graduate will have 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.

The General Criteria at Part 1 and Part 2

GC4 Adequate knowledge of urban design, planning and the skills involved in the planning process.

GC4 The graduate will have 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.

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.

GC5 The graduate will have an 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.

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.

GC6 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;
- .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.

The General Criteria at Part 1 and Part 2

GC7 Understanding of the methods of investigation and preparation of the brief for a design project.

GC7 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;
- .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.

GC8 Understanding of the structural design, constructional and engineering problems associated with building design.

GC8 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;
- .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.

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

GC9 The graduate will have knowledge of:

- .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.

The General Criteria at Part 1 and Part 2

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

GC10 The graduate will have the skills to:

- .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.

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

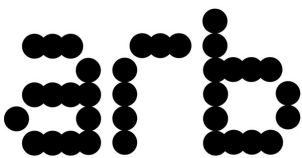
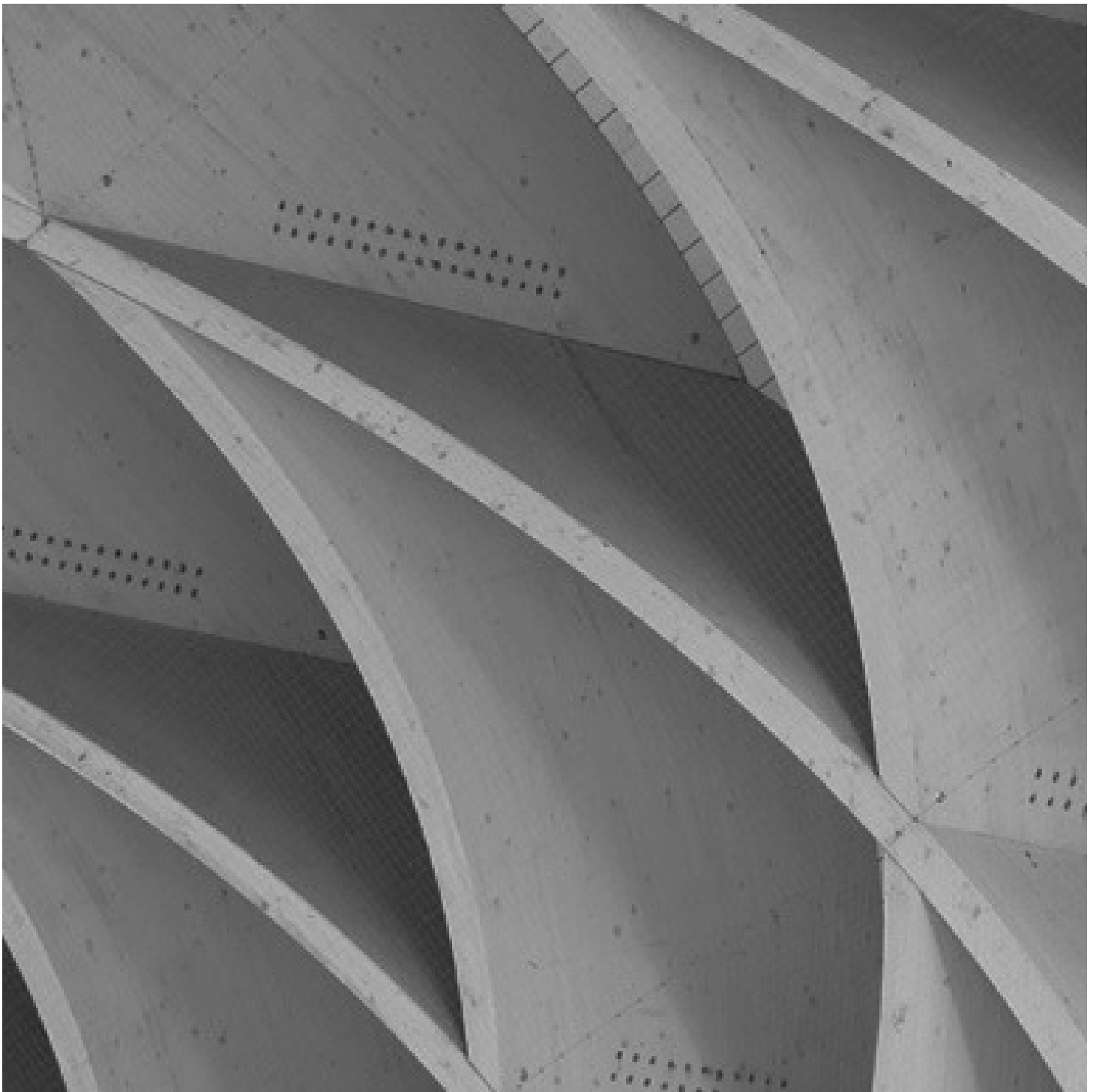
GC11 The graduate will have knowledge of:

- .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;
- .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.

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 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 ability to evaluate and apply a comprehensive range of visual, oral and written media to test, analyse, critically appraise and explain design proposals;
- .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 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 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 problem solving skills, professional judgment, and ability to take the initiative and make appropriate decisions in complex and unpredictable circumstances; and
- .7 ability to identify individual learning needs and understand the personal responsibility required to prepare for qualification as an architect.



Architects Registration Board

For more information please contact
the Architects Registration Board
5th floor, 70 Gray's Inn Road, London WC1X 8NH
Web: www.arb.org.uk
Email: info@arb.org.uk
Telephone: +44 (0) 20 7580 5861
Fax: +44 (0) 20 7436 5269