

**AR
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Architect's
Register
Admission
Examination

ARAE PROSPECTUS 2010

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1.0 What is the ARAE?

The Architects Register Admission Examination provides a route to the Register of Architects for people in architectural practice who have not attained the required academic and professional qualifications.

In three stages of assessments, over one calendar year, ARAE offers you an opportunity to demonstrate your competence and experience.

The ARAE Examination is intended for experienced individuals working in professional environments. A series of assessments is designed to be relevant to people who have gained knowledge and skill through experience and self-advancement, rather than formal and professional education.

The examination structure has been tailored to identify and test your ability to process and apply knowledge and to demonstrate your skill and ability.-

Successful completion of the ARAE Examination allows you to apply to the RIAI for admission to the Register of Architects. You should note that admission to the Register through this route requires the applicant to be at least 35 years of age, in accordance with Section 14 (2) (f) of the Building Control Act 2007.

2.0 Registration of Architects

2.1 The Register of Architects

From 1 May 2008, the Building Control Act 2007 introduced Registration of Title for architects in Ireland.

The term ‘architect’ is protected and cannot be used alone or in combination with any other words or letters or name, title or description implying that the person is registered. A person found guilty of misuse of title is liable to a fine or imprisonment or both. The Registration body for Ireland is the Royal Institute of the Architects of Ireland (RIAI).

The Act provides for admission to the Register through a number of routes, under the provisions of Section 14 (2) (f) of the Building Control Act 2007:

“Each of the following is eligible for registration in the register:”

(f) *a person who—*

(i) has at least 7 years’ practical experience of performing duties commensurate with those of an architect in the State,

(ii) is at least 35 years of age, and

(iii) has passed a prescribed register admission examination”

Building Control Act 2007

<http://www.irishstatutebook.ie/2007/en/act/pub/0021/index.html>

2.2 European Standards

The Qualifications Directive came into force in October 2007 and replaces the Architects Directive 85/384/EC.

Article 46 - ‘Training of Architects’ sets out the requirements for the knowledge and skills of an architect. This forms the basis for the framework of competences, which must be demonstrated in the ARAE Examination. The Competent Authority for Ireland under this Directive is the Royal Institute of the Architects of Ireland (RIAI).

Directive 2005/36/EU Recognition of Professional Qualifications

http://ec.europa.eu/internal_market/qualifications/future_en.htm

3.0 ARAE Stages of Assessments

3.1 Standards of Assessments

The ARAE Architect Register Admission Examination will provide a comprehensive and systematic testing of your abilities across the full range of required competences. The required competences are established by the EU Professional Qualifications Directive (2005/36/EU)– Article 46 ‘Training of Architects’, which forms the basis of the ‘RIAI Standard of Knowledge, Skill and Competences for Professional Practice as an Architect.’

3.2 Summary of Assessments

The ARAE Examination programme is in three stages:

- **Stage 1–Verification of Experience –Eligibility**
This stage requires you to quantify and substantiate your own professional experience under a series of designated headings and verification procedures, in order to be eligible for the ARAE Examination at Stages 2 & 3.
- **Stage 2–Assessment of Competence –Design**
This stage comprises four examinations and a Design Project assessment.
- **Stage 3–Assessment of Competence –Practice**
This stage comprises four examinations and a Practical Experience assessment.

3.3 Stage 1– Verification of Experience – Eligibility

Stage 1 is a documentary submission in a standard format, which you will submit by 18 January 2010. You are required to quantify and substantiate professional experience ‘*of at least 7 years performing duties commensurate with those of an architect in the state*’. This is in accordance with the requirements of the Building Control Act 2007 and the RIAI ‘Rules for Prescription of the Register Admission Examination’. You may subsequently be requested, by ARAE, to submit additional information or verifications, if your documentary submission does not adequately demonstrate your eligibility.

3.4 Stage 2– Assessment of Competence –Design

3.4.1 Stage 2 Summary

Stage 2 assessments will be in five parts: four examinations and a Design Project assessment. You are required to demonstrate knowledge, skill and ability in design and related fields in accordance with the ARAE Mapping of Assessments (Refer Appendix B).

STAGE 2 ASSESSMENTS		
Examinations	1	History and Culture
	2	Technology and Structure
	3	Environment and Performance
	4	Critical Analysis
Design Project	5	Studio-based Design Project, associated Technical Study and Oral Presentation.

3.4.2 Stage 2– Assessments

Four examinations will provide you with an opportunity to demonstrate awareness, knowledge, understanding and ability in the subject areas listed above.

Each examination will consist of 2 no. two hour sessions during which you are given information (a document, a slide presentation, an information pack, a set of drawings). There will be time to digest and absorb the material, before you are asked to respond in a variety of ways (e.g. a long or short answers to questions, to select answers to multiple choice questions (MCQ), to make sketches). The material provided will be selected with reference to the relevant specific competences and your responses will require the practical application of knowledge and ability.

3.4.3 Stage 2– Design Project

The design project and associated technical assignment will allow you to demonstrate your ability to respond to a design brief and to identify, develop and communicate the key elements of a design project. The task will be structured over four consecutive days working in studio.

You will be given a design brief and programme of accommodation for a small to medium building of appropriate scale and organisational, functional and contextual complexity. Site information and planning requirements (development plan, site density, restrictions etc.) will form part of the information package.

The day-by-day/end-of-work outputs are defined. In addition to the overall design development, you will be prompted at intervals in the design process to consider and summarise your work under a range of headings. These exercises will require you to reflect on the context (historical, topographical, environmental, urban, and regulatory) in which the work is situated. The promptings may also include additional and expanded brief or contextual information.

Your main submission will be supplemented by an additional assignment (technical, regulatory, environmental, historical etc) to be completed within two weeks (in advance of the Oral Presentation) during which you can elaborate detail aspects of the design.

Following an initial review of all submitted materials (design, detail and technical assignment work) you will be assessed on the basis of an Oral Presentation of all of your work.

3.4.4 Stage 2– Design Project Programme

	Day 1 Studio	Day 2 Studio	Day 3 Studio	Day 4 Studio	Technical Assignment	Oral Examination
Site analysis and response	+					
Design development		+				
Design development			+			
Completed Proposal				+		
Technical/ Detail Design					+	
Daily Exercise	+	+	+	+		
Presentation of work						+

3.5 Stage 3 Assessment of Competence –Practice

3.5.1 Stage 3– Summary

Stage 3 assessments will be in five parts: four examinations and a Practical Experience assessment. You will be required to demonstrate knowledge, skill and ability in practice and related fields in accordance with the ARAE Mapping of Assessments (Refer Appendix B).

STAGE 3 ASSESSMENTS		
Examinations	1	Architectural Practice
	2	Construction Legislation
	3	Procurement & Contracts
	4	Case Study
Design Project	5	Practical Experience

3.5.2 Stage 3– Assessments

Four examinations will provide you with an opportunity to demonstrate awareness, knowledge, understanding and ability in the subject areas listed above.

Each examination will consist of 2 no. two hour sessions during which you are given information (a document, a slide presentation, an information pack, a set of drawings). There will be time to digest and absorb the material, before you are asked to respond in a variety of ways (e.g. a long or short answers to questions, to select answers to multiple choice questions (MCQ), to make sketches). The material provided will be selected with reference to the relevant specific competences and your responses will require the practical application of knowledge and ability.

3.5.3 Stage 3– Case Study

The Case Study examination will require you to propose a completed construction project for approval (in advance of Stage 3). You will prepare a briefing document as background information for the assessors. The briefing document (approx. 3,000 words in a standard format) will be required in advance of the examination but will not form part of the assessment. You will attend examinations in this subject during which you will be required to frame responses with reference to your particular Case Study project.

3.5.4 Stage 3– Practical Experience

The Practical Experience assessment (Oral Examination) will refer to the full range of experience of the candidate, which may include the Case Study project. The examination will comprise 2no. 20–30 minute Oral Examinations.

3.6 Resources

A range of resources is available to you during your preparation for the ARAE assessments.

3.6.1 ARAE Information & Advice Sessions

Information and advice sessions in advance of each stage of the assessment process.

3.6.2 ARAE website / ARAE e-Bulletins

ARAE website includes all current information in relation to the examination. In addition, you will receive a monthly ARAE e-Bulletin. This will include specific updates and guidance on the assessment process and answers to specific queries that arise from candidate emails.

3.6.3 ArchInfo (UCD Richview) Architecture Library

You will be provided with one-year membership of Arch-Info at UCD Richview Library. This will allow you to use the Library facilities to browse, borrow books and avail of the services and support of the library staff.

3.6.4 Library Orientation

You will be offered a group library orientation session after Stage 1. This will be delivered to ARAE candidates independently by the Richview Library staff. The session will include an introduction to the Library facilities and services available.

3.6.5 Exam Skills and Preparation Workshop

After Stage 1, you will be offered a group preparation workshop. This will be delivered independently and will include techniques for preparing and presenting written work and developing examination skills.

3.6.6 Meeting Room

A room will be made available to you at intervals, on request, for group meetings and informal review sessions.

3.6.7 ARAE Programme

The ARAE Examination has been programmed to allow you time to prepare for each stage. (Refer to Appendix A).

The UCD Architecture Professional Practice Lecture series, as preparation for Stage 3, is generally held on one day per week from September to December. Attendance at the lecture series is available at a reduced rate to certain applicants preparing for RIAI membership. (In 2009 the fee was €1,350). In order to attend, you will be required to make an application to UCD in May/ June 2010.

The programme of the ARAE examination will enable you to attend lectures before the Stage 3 examinations in December 2010.

3.6.8 Disability Support Services

Candidates with disabilities, long-term medical conditions or specific learning disabilities (e.g. dyslexia) will be provided with appropriate examination supports by ARAE.

4.0 ARAE Route to Registration

4.1 Applications

Application Forms will be available on the ARAE website from Monday 9 November 2009. Applications will be accepted by post or by hand until 3pm on Friday 27 November 2009.

On receipt of applications, a maximum of 40 places will be offered on a first come, first served basis. Successful applicants will be required to make a documentary submission for Stage 1 by 3pm on Monday 18 January 2010.

If you are not offered a place your application and fee will be returned.

Incomplete applications or late applications will not be accepted.

4.2 Information Meeting

An Information Meeting will be held on Saturday 7 November 2009 at the School of Architecture, Landscape & Civil Engineering, UCD Richview, Clonskeagh, Dublin 14. A short presentation will be given at 12.00pm and staff will be available to answer questions until 2.30pm.

All are welcome to attend.

If you are unable to attend the Information Meeting, a list of Frequently Asked Questions (FAQs) will be available from the ARAE website from Wednesday 11 November 2009. In the interim, enquiries can be made in writing to info@arae.ie

4.3 Eligibility

Stage 1 applicants are required to quantify and substantiate professional experience '*of at least 7 years performing duties commensurate with those of an architect in the state*'. This is in accordance with the requirements of the Building Control Act 2007 and the RIAI Rules for Prescription of the Register Admission Examination.

Applicants who demonstrate their eligibility at Stage 1, will be accepted as examination candidates for Stages 2 and 3, in that year, subject to payment of the Examination Fee.

You do not need to fulfill any other eligibility criteria in relation to educational or professional qualification, prior experience, age, nationality or residency.

ARAE policy is that applicants are not granted exemption from any stages or individual assessments of the examination under Recognition of Prior Certified Learning (RPCL) or Recognition of Prior Experiential Learning (RPEL).

4.4 Fees

4.4.1 Application Fee

A non-refundable fee of €2,250 is payable with your application. This fee covers processing your application and verifying your eligibility at Stage 1.

4.4.2 Examination Fee

If you successfully demonstrate your eligibility, the Examination Fee of €9,250 will be payable in February 2010. This fee covers assessments at Stages 2 and 3 as well as Information and Advice Sessions, monthly ARAE e-bulletins, one-year 'Archinfo' membership at UCD Richview Architecture Library, Library Orientation and an Exam Skills and Preparation Workshop. Your examination fee includes for a repeat of up to 2no. examinations or one repeat of the Design Project within two years (or on the next occasion that the examination is offered).

4.5 Progression

Candidates who withdraw from an assessment (in Stages 2 or 3) of the examination will be permitted to continue with the remaining assessments of the examination in that year. Candidates who defer or withdraw due to extenuating circumstances may apply to the ARAE Examination Board for consideration in accordance with the ARAE Policy on Extenuating Circumstances.

Candidates who do not successfully complete all stages of the examination in one calendar year will be exempted from repeating previously completed assessments or stages within the following two years (or on the next occasion that the examination is offered), subject to payment of the required repeat fees.

Candidates who fail to complete the examination within a three-year time period may re-apply to the ARAE Examination, but they will not be exempted from any previously completed assessments.

The examination fee includes for a repeat of up to 2no. examinations or one repeat of the Design Project. Candidates can repeat any assessment, subject to payment of a repeat examination fee (on the next occasion that the examination is offered).

The examination will be offered on an annual basis, subject to a minimum number of eligible examination candidates, in any given year, for any given stage or assessment. ARAE Ltd. reserves the right not to offer assessments in any year where there are insufficient eligible examination candidates.

4.6 Completion

ARAE will issue results to candidates in writing after each stage.

Candidates who successfully complete the ARAE Examination will receive (1) written confirmation of Examination results and (2) an ARAE recommendation in relation the verification of experience in Stage 1.

Candidates who successfully complete the ARAE Examination may apply to the RIAI for admission to the Register of Architects. Candidates should note that admission to the Register through this route requires the applicant to be at least 35 years of age, in accordance with Section 14 (2) (f) of the Building Control Act 2007.

The RIAI, as Competent Authority, may accept an ARAE recommendation in support an application for a derogation from the conditions for the training of architects under Article 47(2) of Directive 2005/ 36/ EC on the Recognition of Professional Qualifications in the case of candidates seeking automatic recognition in other member States in accordance with the Directive.

No award will be issued by ARAE Ltd. (the Examining body) or by University College Dublin (UCD).

4.7 Confidentiality

Information concerning applicants to the examination, candidates who are in the process of completing the examination and candidates who have completed the examination will not be issued to third parties. ARAE will only confirm results to a third party on written request from an individual candidate.

ARAE will compile general anonymous statistical information on candidate profiles (e.g. age range, general educational and professional experience, progression/ completion rates etc). This information will primarily be used to assist ARAE in developing the examination. It will also be reported periodically to the RIAI to facilitate the monitoring and operation of RIAI admissions and services.

ARAE will retain selected samples of work and examination records from each assessment in each year. These documents will be made available to Prescription and/or Validation Boards in order to demonstrate the modes of assessment and to establish that the examination meets the required standard. The work and examination records will be numbered and will not be identifiable to individual candidates.

ARAE will also seek anonymous evaluations and feedback from candidates for each assessment. These confidential evaluations will be collated annually and retained for audit and review purposes.

ARAE policy is to respond to all enquiries in writing.

ARAE Ltd. is not subject to the provisions of the Freedom of Information Act 1997

5.0 ARAE Structure

5.1 Accreditation / Prescription of the ARAE Examination.

ARAE Ltd. has formally applied to the RIAI for accreditation of the Register Admission Examination and a Visiting Board has been appointed.

'Provisional Approval' is awarded where an RIAI Visiting Board recommends that a proposal for an Examination meets RIAI requirements. The Visiting Board Report on the ARAE Ltd. Register Admission Examination will be submitted to the RIAI Council for decision at its Meeting on 30 October 2009.

Full 'Accreditation' is only awarded where the first cohort of applicants to successfully complete the Examination is assessed by an RIAI Visiting Board as meeting RIAI standards.

Royal Institute of the Architects of Ireland (RIAI)

<http://www.riai.ie/>

RIAI Admissions– Route F– Register Admission Examination

<http://www.riai.ie/index.html?id=7368>

5.2 ARAE Ltd.

ARAE Ltd. (Company Registration No. 474689) has been set up as a University College Dublin (UCD) campus company with the specific purpose of establishing the Architects Register Admission Examination and to support and endow educational and research activities with UCD's architecture programme. ARAE Ltd. was incorporated as a company limited by guarantee on 31 August 2009. The Directors of ARAE Ltd. are current and recent academic staff of UCD Architecture.

ARAE Ltd. operates the Architects Register Admission Examination independently of UCD and of the Registration body, The Royal Institute of the Architects of Ireland (RIAI).

ARAE Ltd. Architects Register Admission Examination

Registered Address– 34 Lower Leeson Street, Dublin 2.

Enquiries– info@arae.ie

www.arae.ie



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APPENDICES

APPENDIX A – ARAE PROGRAMME 2010

ARAE PROSPECTUS 2010

APPENDIX A – ARAE PROGRAMME 2010



Architect's
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ARAE	2009				2010												2011
	OCT	NOV	DEC	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	
	5 12 19 26	2 9 16 23 30	7 14 21 28	4 11 18 25	1 8 15 22	1 8 15 22 29	5 12 19 26	3 10 17 24 31	7 14 21 28	5 12 19 26	2 9 16 23 30	6 13 20 27	4 11 18 25	1 8 15 22 29	6 13 20 27	3 10 17 24 31	
2010 EXAMINATION																	
Applications																	
Announcement																	
Information Meeting																	
Applications																	
Response to Applications																	
Stage 1- Assessment of Experience																	
Preparation of Documentary Submission																	
Submission- Stage 1																	
Results- Stage 1																	
Examination Fee payment																	
Stage 2- Assessment of Competence -Design																	
Preparation for Stage 2																	
Assessments- 1,2,3 & 4																	
Assessment-5 Design Project																	
Results- Stage 2																	
Stage 3- Assessment of Competence -Practice																	
<i>OPTIONAL- Lecture Series, subject to separate registration in UCD</i>																	
Assessment- 6,7,8 & 9																	
Assessment-10 Practical Experience																	
Results- Stage 3																	



Architect's
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APPENDICES

APPENDIX B – ARAE MAPPING OF ASSESSMENTS 2010

ARAE PROSPECTUS 2010

APPENDIX B – MAPPING OF ASSESSMENTS

ARAE STAGE	STAGE 2 – DESIGN				
ARAE ASSESSMENT	ASSESSMENT OF COMPETENCE				
	1	2	3	4	5
EXAMINATIONS	History & Culture	Technology & Structure	Environment & Performance	Critical Analysis	Design Project
Recognition of Qualifications Directive – Article 46 Training of Architects (2005/36/EC)		o	o	o	o
(a) ability to create architectural designs that satisfy both aesthetic and technical requirements	o	o		o	o
(b) adequate knowledge of the history and theories of architecture and the related arts, technologies and human sciences.					
(c) knowledge of the fine arts as an influence on the quality of architectural design.	o			o	o
(d) adequate knowledge of urban design, planning and the skills involved in the planning process.	o	o	o	o	o
(e) 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.	o		o	o	o
(f) 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.	o		o	o	o
(g) understanding of the methods of investigation and preparation of the brief for a design project.				o	o
(h) understanding of the structural design, constructional and engineering problems associated with building design.	o	o	o	o	o
(i) 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			o		o
skills to meet building users' requirements within the constraints imposed by cost factors and building regulations.			o		o
(k) adequate knowledge of the industries, organisations, regulations and procedures involved in translating design concepts into buildings and	o	o	o		

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APPENDIX B – MAPPING OF ASSESSMENTS

ARAE STAGE	STAGE 3 – PRACTICE				
ARAE ASSESSMENT	ASSESSMENT OF COMPETENCE				
	1	2	3	4	5
EXAMINATIONS	Architectural Practice	Construction Legislation	Procurement & Contracts	Case Study	Practical Experience
Recognition of Qualifications Directive – Article 46 Training of Architects (2005/36/EC)					
(a) ability to create architectural designs that satisfy both aesthetic and technical requirements		o			o
(b) adequate knowledge of the history and theories of architecture and the related arts, technologies and human sciences.					
(c) knowledge of the fine arts as an influence on the quality of architectural design.					
(d) adequate knowledge of urban design, planning and the skills involved in the planning process.		o			
(e) 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.					
(f) 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.	o	o	o	o	o
(g) understanding of the methods of investigation and preparation of the brief for a design project.			o	o	
(h) understanding of the structural design, constructional and engineering problems associated with building design.					
(i) 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		o		o	o
skills to meet building users' requirements within the constraints imposed by cost factors and building regulations.		o	o	o	o
(k) adequate knowledge of the industries, organisations, regulations and procedures involved in translating design concepts into buildings and	o	o	o	o	o