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Land & Resources Professional Qualification Pathway - Core Competencies for Global Land Professionals

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TS06B: Professional Development Experiences and Pathways Commission: 2 Thursday, 25 April 11:00–12:30 ArcGIS ROOM (210a)





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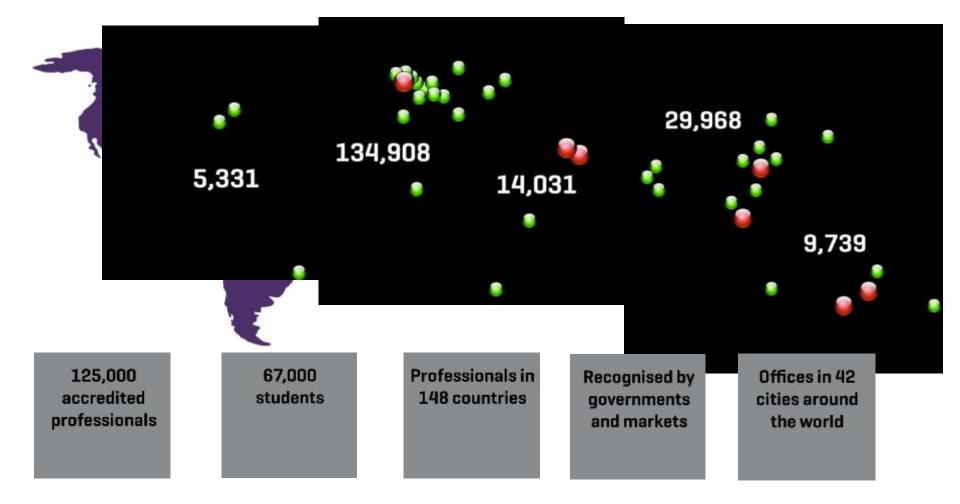


Introduction and background

- A very brief introduction to RICS and our history of global (Commonwealth) interaction
- RICS professional qualification pathways the chaos of complexity
- Drivers for change
- The Land & Resources APC/AssocRICS pathway
- Back to the future

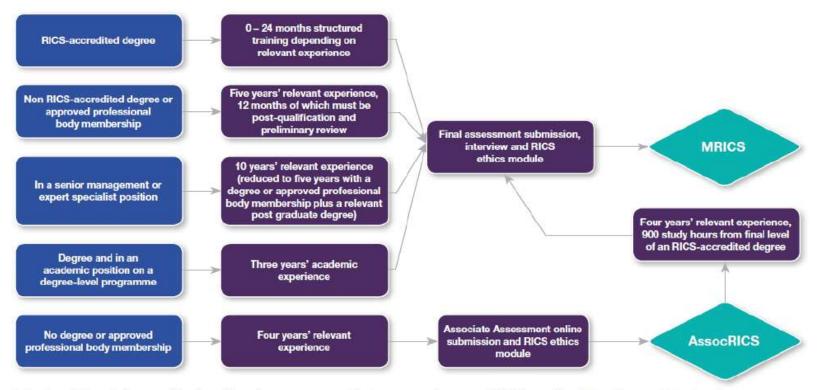


A very brief introduction to RICS





RICS professional qualification pathways – the chaos of complexity



Membership of other professional bodies may mean that you can become RICS qualified directly or without a degree.

Our senior professional assessment is available to those who have made a significant contribution to the profession, are industry leaders or are recognised experts in their field.

More information is available at rics.org/join

Drivers for change

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Cadastre and land administration

This competency deals with assessing documents relating to the demarcation, registration and transfer of land to define, on the ground, the extent of legal and/or registered title. It involves the preparation of expert reports for the legal profession and provision of opinions to the legal profession and property owners. It should also involve the integration of Fit for Purpose principles within the design of land administration, mapping, demarcation, fand valuation and taxation system and the understanding of how Fit for Purpose can be used in middle/low income countries. Issues around formalisation processes, different forms of tenure and unregistered land should also be understood (global).

Examples of likely knowledge, skills and experience at each level

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Level 1	Level 2	Level 3
Demonstrate knowledge and understanding of field and office procedures for boundary and/or cadastral surveys appropriate to your national and/or international location. Understand legal and physical boundaries and provide examples of these. Understand the principles of land management, administration, differing types of cadastra; systems, tenure types and Fit for Purpose principles (global).	Apply your knowledge of the principles of land registration, land management, administration and legislation related to rights in real estate internationally and nationally. Understand the relationship between the surveyor, client and legal profession and preparation of evidence for the legal process.	Provide evidence of reasoned advice, and fully understand the role and responsibility of an expert witness, on the resolution of disputes by litigation and alternative procedures.
Examples of knowledge comprised within this level are:	 Examples of activities and knowledge comprised within this level are: Adopting appropriate scales for measured surveys to be used in cadastre Choosing which documentation to rely upon Practising with complete independence from the client Requesting documents from the legal profession Obtaining documents from the Land Registries Using and interpreting of aerial photography and digital imagery Reporting relevant matters back to the legal profession Understanding of the national requirements for determining boundaries. 	 Examples of activities and knowledge comprised within this level are: Advising on the duty of an expert to the court Preparing expert reports for use in litigation Advising on the requirements of an expert witness within the civil procedure rules Advising on the requirements and role of an expert at a "meeting of experts" Advising on the role of an expert at a "conference with counsel" Preparing for trial Advising on the role of an expert during and after the trial Alternative dispute resolution options, particularly the differences and advantages/disadvantages when comparing mediation with arbitration.

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The geomatics pathway

Pathway requirements

Mandatory	Core	Optional				
Level 3 Ethics, Rules of Conduct and professional practice Level 2 Olient care Communication and negotilation Health and safety Level 1 Accounting principles and procedures Business planning Conflict avoidance, management and dispute resolution procedures Data management Diversity, inclusion and tearnworking Inclusive environments Sustainability 	 Three to Level 3 Cadastre and land administration Conflict avoidance, management and dispute resolution procedures Engineering surveying Geodesy GIS Hydrographic surveying Legal/regulatory compliance Measurement Remote sensing and photogrammetry Surveying and mapping Surveying of land and sea Use of the marine environment Level 1 Measurement 	 One to Level 3 and two to Level 2, including any not already chosen from the core list Big data BiM management Construction technology and environmental services Consultancy services Data management Development/project briefs Environmental assessment Ground engineering and subsidence Management of the natural environment and landscape Planning and development management 	Plus, one to Level 2 from the full list of technical competencies, including any not already chose from the core or optional lists. To achieve the Chartered Engineering Surveyor designation candidates must select Engineering surveying to Level 3 To achieve the Chartered Hydrographic Surveyor designation candidates must select Hydrographic surveying to Level 3 To achieve the Chartered Land Surveyor designation candidates must select Surveying and mapping to Level 3.			

Geomatics changes to note – 'Surveying and mapping' is the core and is an amalgam of the old 'spatial data capture & advanced spatial data capture' competencies.



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Land & Resources pathway

The Land & Resources pathway is designed to be applicable across a wide-ranging group of land and resource related sectors. It combines the best from the Environment, Geomatics, Minerals and Waste Management, Planning and Development, and Rural Professional Groups to produce a well-rounded professional Chartered Surveyor.

Although there is a wide choice of competencies available in the pathway there are 12 competencies which we view as the primary skillset for a land professional. Candidates are encouraged to consider these in the first instance.

- Access and rights over land
 Cadastre and land administration
- Compulsory purchase and compensation GIS
- Inspection Landlord and tenant
- Legal / regulatory compliance Planning and development management
- Property management Surveying and mapping
- Sustainability





Land & Resources core competencies

Mandatory competencies	Optional competencies				
Level 3 Ethics, Rules of Conduct and professional practice 	Five to Level 3 and one to Level 2 Access and rights over land Acriculture	 Strategic real Surveying a Sustainabilit 			
Level 2 Client care	Cadastre and land administration Caent care	Plus, two to Lev			
Communication and negotiation Health and safety	Compulsory purchase and compensation Consultancy services	competencies, i from the optional			
Level 1	Contaminated land				
 Accounting crinciples and procedures Although there is a wide choice of competence available in the pathway there are 12 competence 					

available in the pathway there are 12 competencies which we view as the primary skillset for a land professional. Candidates are encouraged to consider these in the first instance.

- Access and rights over land ٠
- Cadastre and land administration ٠
- Compulsory purchase and compensation ٠
- GIS ٠
- Inspection ٠
- Landlord and tenant ٠
- Legal / regulatory compliance ٠
- Planning and development management ٠
- Property management ٠
- Surveying and mapping ٠
- Sustainability
- Valuation

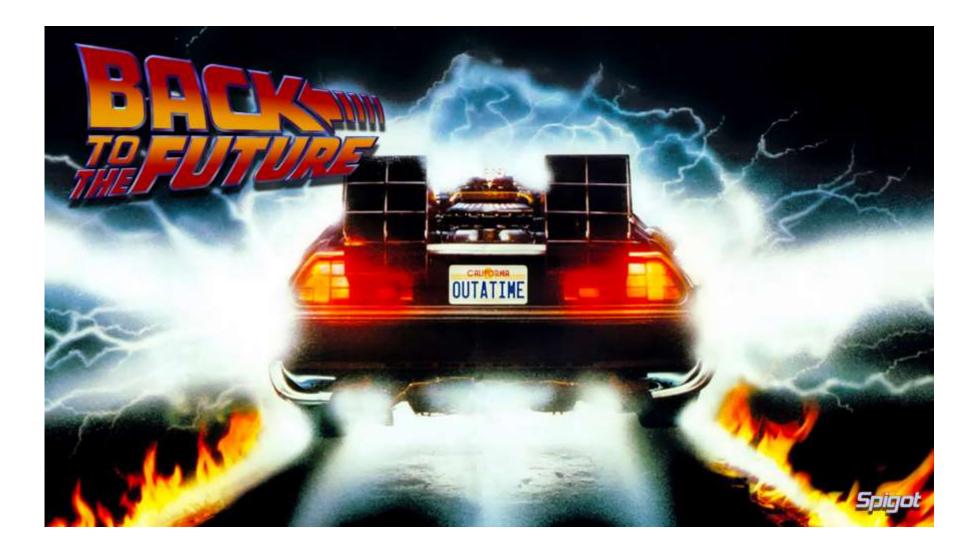
Environmental management Hydrographic surveying

- eal estate consultancy
- and mapping
- REY.)

vel 2 from the full list of technical including any not already chosen tal list

Engineering surveying Environmental management Geodesy	Competency	Chartered Alternative Designation			
GIS Hydrographic surveying Inspection Land use and diversification Landlord and tenant Legal/regulatory compliance Management of the natural envir landscape Measurement Minerals management Planning and development mana Property management Risk management Spatial planning policy and infras Smart cities and intelligent build	Engineering surveying	Chartered Engineering Surveyor			
	Environmental management	Chartered Environmental Surveyor			
	Hydrographic surveying	Chartered Hydrographic Surveyor			
	Minerals management or Waste management	Chartered Minerals Surveyor			
	Planning and development management	Chartered Planning and Development Surveyor			
	Surveying and mapping	Chartered Land Surveyor			

Conclusions







The new Land & Resources pathway can be downloaded @ https://www.rics.org/uk/join/pathway-guides/land-and-resources/

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