





## Study for PhDs at UQ with CSC scholarships (国家建设高水平大学公派研究生项目)


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### University Snapshot

- **Founded** in 1910
- **Staff** 6,816 full-time equivalent
- **Students**  
Undergraduate - ~37,630  
Postgraduate - ~13,120  
Total - ~ 50,750
- **International students**  
> 11,500 from 140 countries
- **Alumni** > 220,000
- **Chinese Students:** > 4000






<http://www.uq.edu.au/about/university-profile>



### A Top 100 University


Publications	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Academic Ranking of World Universities (China) (formerly) Shanghai Jiao Tong University rankings	102-1	101-1	101-1	101-1	101-1	101-1	101-1	101-1	101-1	86	90	85	77
QS World University Rankings (UK)	51	51	51	51	51	51	51	50					
The Times Higher Education World University Rankings (UK)	49	47	45	33	43	41	43	48	46	43	43		46
Performance Ranking of Scientific Papers for World Universities (Taiwan)	49	47	45	33	43	41	81	74	65	63			65
US News Best Global Universities Rankings					113	101	100	95	76	72	67		56
													47



### Faculties

**Six multi-disciplinary faculties**, comprising 32 schools and a large number of research centres, with broad and deep research and teaching strengths


- Business, Economics and Law
- **Engineering, Architecture and Information Technology**
- Health and Behavioural Sciences
- Humanities and Social Sciences
- Medicine and Biomedical Sciences
- Science



### Research Institutes

UQ's existing research strengths developed through its six faculties have gained scale and focus with the establishment of **nine research institutes**.

- Australian Institute for Bioengineering and Nanotechnology (AIBN)
- Diamantina Institute (UQDI)
- Mater Research (UQMR)
- Global Change Institute
- Institute for Molecular Bioscience (IMB)
- Institute for Social Science Research
- Queensland Alliance for Agricultural and Food Innovation
- Queensland Brain Institute (QBI)
- Sustainable Minerals Institute (SMI)



### UQ Engineering: Global Rankings


**QS 2014/2015**  
54 Engineering and Technology

**QS 2015**  
23 Chemical Engineering  
49 Computer Science and Information Systems  
51-100 Civil and Structural  
51-100 Electrical  
51-100 Mechanical, Aeronautical & Manufacturing





**Times 2015**  
39 Engineering & Technology

**Academic Ranking of World Universities 2014**  
76 Engineering



**Research Strength of Chemical Engineering** 


Australia's Top Chem.Eng. school

 Materials & Chemical Product Engineering	 Environmental Engineering
 Biological & Biomedical Engineering	 Metallurgical Engineering

**Major Research Areas**

- Climate change
- Renewable energy supply and distribution
- Water Management
- Food supply and security
- Processing and transforming minerals and other natural resources
- Biological systems
- Advanced materials

Potential supervisors of Chemical Engineering: <http://www.chemeng.uq.edu.au/our-people#academic>


**Research Strength of ITEE** 

**RESEARCH STRENGTHS:**

- Biomedical Engineering
- Sleep and Respiratory Systems
- Cognitive Systems Engineering
- Microwave, Photonics and Communications
- Power and Energy Systems
- Robotics

Complex and Intelligent Systems  
Security and Surveillance  
Systems and Software Engineering  
Interaction Design  
Ubiquitous Computing  
Data and Knowledge Engineering  
eResearch


Potential supervisors of ITEE: <http://www.itee.uq.edu.au/contacts/#ou0>

**Research Strength of Civil Engineering** 

**RESEARCH STRENGTHS:**

- Coastal and Ocean Engineering
- Geotechnical Engineering
- Hydraulic Engineering

Potential PhD projects of Civil Eng: <http://www.civil.uq.edu.au/projects>

**Research Strength of Architecture** 


UQ Architectural research has been ranked top nationally in 2010 ERA ranking.

**RESEARCH PROGRAMS:**

- Aboriginal Environments
- Architectural Design
- Architecture Theory Criticism History
- Sustainable Design

Contact email: [ugrdarc@uq.edu.au](mailto:ugrdarc@uq.edu.au)

Potential supervisors of Architecture: <http://www.architecture.uq.edu.au/academic-staff>

**Research Strength of AWMC** 

The **Advanced Water Management Centre (AWMC)** at UQ is an internationally recognised centre of excellence in innovative water technology and management.

**RESEARCH PROGRAMS:**

- Anaerobic Technologies
- Bioelectrochemical
- Microbial Electrosynthesis
- Greenhouse Gas
- Microbial Ecology
- Sewer Corrosion and Odour
- Water Recycling

Potential supervisors of AWMC: [http://www.awmc.uq.edu.au/our-team#academic\\_staff](http://www.awmc.uq.edu.au/our-team#academic_staff)

**Background of the CSC PhD Program** 

- Based on the State Council's *National Outline for Medium and Long Term Science and Technology Development* (2006-2020), CSC initiated its first 5-year PhD program in 2007 – Finished in 2011
- Based on the State Council's *National Outline for Medium and Long Term Science and Technology Development* (2006-2020), *National Program for Medium and Long term Talent Development* (2010-2020), and *National Outline for Medium and Long Term Education Reform and Development* (2010-2020), CSC developed and launched its second 5-year Student program in 2012.
- CSC aims to send **1<sup>st</sup> Class students** to **1<sup>st</sup> Class global universities/ institutes** to carry out research projects with **1<sup>st</sup> Class supervisors**
- CSC expects returning students to possess *Globe vision, Creative and innovative, Understanding the international regulations, Ability to participate the international affairs*

<http://www.csc.edu.cn/Chuguo/b774c239d0fc449f9bed631cbbfcc5c1.shtml>

## CSC supported research fields



- Key fields
  - Energy, Water/mineral resources, Environmental, Agriculture, Manufacture, Transportation, Information, Population/health, City/urban planning, Safety, and Defence
- Frontier technologies
  - Life Science, Information, New materials, Advanced manufacture/energy technology, Ocean technologies, Laser technologies, and Space technologies
- Humanities and Social Sciences (Limitation applied)

## CSC eligibility to apply for PhD



- **PhD programs** (36 – 48 months, 3000 students in 2015):
    - Bachelor graduates
    - Masters students
    - First year PhD students
  - **Exchange PhD programs** (6 – 24 months, 5000 students in 2015):
    - UQ policy: Maximum stay of 12 months
- Note: EAIT has a strict rule on academics to take occupational trainees and you need to meet UQ's English requirement for international students

## UQ Admissions requirements



- **Meeting the prior research training requirement** - Minimum academic achievement, research experience and English proficiency requirements apply. Details can be found in the link below <http://www.uq.edu.au/grad-school/our-research-degrees>.
- **PhD program** - General Award Rules 4.4.4
  - Undergraduate degree Honours IIA or equivalent, which includes a relevant research component
  - Undergraduate degree plus a minimum of two years relevant research experience (documentary evidence required)
  - be enrolled in the MPhil program at the university and have their enrolment confirmed by the dean under GAR 4.7.
- **English Language Proficiency requirements** –
  - <https://ppl.app.uq.edu.au/content/3.40.14-english-language-proficiency-admission-and-concurrent-support>

## Financial support for PhD enrolled at UQ



- From CSC:
  - International Travel
  - Living stipend (A\$20,400 per year)
  - Overseas Student Health Insurance (be part of living stipend)
- From UQ
  - UQI tuition fee scholarship (up to 14 quarters).
  - Top-up scholarship might be available to match Australian Postgraduate Award (A\$26,288 per year - 2016 figure)

## Application process - 1



- Check UQ Researchers (<http://researchers.uq.edu.au>) or the academic staff website of enrolling school (listed above, e.g. <http://www.mechmining.uq.edu.au/academic-staff>)
- Preparing your CV based on UQ format: <http://www.uq.edu.au/grad-school/academic-CV>
- Email your potential supervisor to express your interest in studying for a PhD under his/her supervision; together with **your CV** and **academic transcript(s)**, and your obtained **degree certificate(s)**; also you should mention that you are applying for a CSC scholarship (some academics may not be aware of the CSC program)
- If your supervisor decides to support you to apply for the CSC scholarship, you can submit an application online <http://www.uq.edu.au/grad-school/apply-2>  
You also need to submit other requested documents, e.g. your CV, academic transcript(s) and degree certificate(s), and English certificate(s)

## Application process - 2



- Make sure you **meet** UQ English Language Proficiency requirement when you submit your admission package (English test results are valid for **2 years only**, and must still be valid upon commencement at UQ)  
IELTS minimum score: 6.5 overall, 6.0 in all sub-bands, or  
IBTOEFL minimum score: 87 overall, 21 in writing, 19 in other sub-bands
- Once the enrolling school has received your application, they will contact you for any further documentation (e.g. project proposal, referee reports)
- You should then work with your supervisor to develop the proposal
- You need to identify two academic referees to prepare recommendation letters and letters should be sent by your referees to your potential supervisor and the the postgraduate admin officer directly

### Application timelines



- **Early December 2015:** Admission application package should be lodged to the postgraduate admin officer of the enrolling school
- December 2015, all applications will be rigorously screened by the research committee of the enrolling school. Unsuccessful applications will be notified in January 2016 at the latest
- January 2016, the eligibility of all applications will be assessed by UQ Graduate School (it is very rare the applications to be turned down)
- Before the end of February 2016: UQ admission and tuition fee scholarship offers will be sent to successful candidates; and unsuccessful applications will also be notified
- From late March 2016: CSC application starts

### UQ documents needed for CSC applications



- **UQ Admission Offer Letter** (this can be conditional, but **English requirement must be met**) – Note that the *title of research project*, *name of advisory team*, and *contact details of advisory team* will NOT be shown in the offer letter and CSC accepts this.
- **UQ Tuition Fee Scholarship Offer Letter** (this is conditional on being awarded the CSC scholarship, you will need to provide a copy of CSC scholarship offer letter to UQ to receive the unconditional offer)
  - The UQ enrolment counts as quarters (3 months, success students will be offered for 12 quarters tuition fee waiving with possible of 2 quarters extension. However, students should apply for **48 months** financial support from CSC
- **Supervisor's CV**
- **Research Proposal signed by Your Supervisor** (both in English and Chinese)

### Exchange PhD Programs



- Research Study Abroad Program (application through UQ GS)
  - **Importantly, the research carried out at UQ must be part of the student's PhD thesis.**
  - **The CSC student will be enrolled at UQ Graduate School** as a formal program of study. Students will have the benefits of being a formal student and can receive an academic transcript at the end of their study.
  - Student must have enrolled for PhD program for > 1 year.
- Occupational Trainee Program (application through Faculty)
  - The CSC student aims to develop research experiences at UQ only, so that **the research carried out at UQ will not be part of the student's PhD thesis.**
  - The research carried out at UQ is NOT necessary being part of his/her PhD thesis.

### Exchange PhD Programs



- Research Study Abroad Program
  - Duration will be 2-4 quarters
- Occupational Trainee Program
  - Duration should be up to 1 year
- Research Study Abroad Program/Occupational Trainee Program
  - No top-up scholarship payable for UQ
  - Minimum English requirement for the UQ students must be met
  - Students should contact to potential supervisors to develop a research plan
  - The research plan should be approved by the head of enrolling unit

### Expected CSC selection timelines



- From March 2016: CSC application starts
- April/May 2016: CSC assessments
- May/June 2016: Successful candidates announced.  
Note: CSC will send a list of success CSC applicants to UQ for final confirmation, so that the announcement will be delayed for several days. (Remember: No news is a good news!)
- From June 2016: Finalize UQ enrolment and visa application.
- October 2016 onwards – Arriving in UQ (Note: UQ enrolments is the first two weeks of each quarter, say 1<sup>st</sup>-14<sup>th</sup> Jan, Apr, Jul, and Oct; and CSC requires the candidate leaves China before 31<sup>st</sup> March, 2017)

**Welcome to  
study for your  
PhD at UQ's  
Engineering !**

Please contact Professor Jin Zou ([j.zou@uq.edu.au](mailto:j.zou@uq.edu.au)) for further questions