



Faculty of Engineering, Computing and Mathematics
2009 Admission Requirements for Postgraduate Courses (updated 28 July 2008)

UWA Degree Name	Master of Oil and Gas Engineering (60550) MOGE
Entry Period	Semester 1 & 2
AQF level required for entry	Honours Bachelor or 4-year BE or GradDipOGE
UWA WAM required for entry	65% Applicants with Bachelors pass (50%) <i>and</i> demonstrated 5 years' industry experience refer to School of Mechanical Engineering. See Attachment C for translations to Indian WAMs.
Pre-requisites	Engineering , Physics, Chemistry, Maths or Geology background
Other requirements	Work Experience Preferred but not required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	2 Years F/T (96 Points)
Fee Waiver Scholarship	Available for International students: grades equivalent to a UWA average of 70-79%, award 10% scholarship; 80% and above, award 20% scholarship.

UWA Degree Name	Graduate Diploma in Oil and Gas Engineering (60340) GradDipOGE
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor or some level of education <i>and</i> professional experience (refer back to School of Mechanical Engineering for this assessment)
UWA WAM required for entry	55% for bachelor entry. See Attachment C for translations to Indian WAMs.
Pre-requisites	Engineering , Physics, Chemistry, Maths or Geology background
Other requirements	Work Experience Preferred but not required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	1 Year F/T (48 Points)
Fee Waiver Scholarship	Available for all International students with: grades equivalent to a UWA average of 70-79%, award 10% scholarship; 80% and above, award 20% scholarship.

UWA Degree Name	Graduate Certificate in Oil and Gas Engineering (60250) GradCertOGE
Entry Period	Not available for new student enrolments.



UWA Degree Name	Master of Energy Systems Engineering (61560) MESE- ONLINE ONLY
Entry Period	Not available for new student enrolments in 2009.
AQF level required for entry	Honours Bachelor or 4-year BE or GradDipESE
UWA WAM required for entry	65% Applicants with Bachelors pass (50%) <i>and</i> demonstrated 5 years' industry experience refer to School of Mechanical Engineering. See Attachment C for translations to Indian WAMs.
Pre-requisites	Engineering , Physics, Chemistry, Maths or Geology background
Other requirements	Work Experience Preferred but not required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	2 Years F/T (96 Points)

UWA Degree Name	Graduate Diploma in Energy Systems Engineering (61360) GradDipESE - ONLINE ONLY
Entry Period	26 th January, 2009 18 th May, 2009 31 st August, 2009
AQF level required for entry	Bachelor or GradCertESE
UWA WAM required for entry	55% for bachelor entry or a pass in the GradCertESE See Attachment C for translations to Indian WAMs.
Pre-requisites	Engineering , Physics, Chemistry, Maths or Geology background
Other requirements	Work Experience Preferred but not required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	1 Year F/T (48 Points)

UWA Degree Name	Graduate Certificate in Energy Systems Engineering (61260) GradCertESE - ONLINE ONLY
Entry Period	26 th January, 2009 18 th May, 2009 31 st August, 2009
AQF level required for entry	Bachelor or some level of education <i>and</i> professional experience (refer back to School of Mechanical Engineering for this assessment)
UWA WAM required for entry	50 % See Attachment C for translations to Indian WAMs.
Pre-requisites	Engineering , Physics, Chemistry, Maths or Geology background
Other requirements	Work Experience Preferred but not required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	6 Months F/T (24 Points)



UWA Degree Name	Master of Computer Science (60600) MCompSc
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor in Computer Science, Software Engineering or Information Technology or GradDipCompSc. Refer back to School of CSSE for related courses. <i>Note: courses in Information Systems, Information Management, Multimedia, etc are not normally sufficient, and should be directed to the Master of IT.</i> Note that a 3-year or 4-year degree is sufficient.
UWA WAM required for entry	60% See Attachment B for translations to Indian WAMs.
Pre-requisites	See below.
Other requirements	At least one third of units completed (equiv 48 UWA points) must be <u>core</u> computer science units, with minimal fails in these units, including: 1. An object-oriented programming language, for example Java, C++, C#, Ada (or a procedural language such as C, Fortran or Pascal with additional professional qualification or work experience that includes development in an object oriented language). 2. At least one unit on data structures, computer structures, or algorithms. 3. Evidence of significant computing practical/laboratory/project work. 4. A selection of other units (they are not expected to have all) that show computing competence such as: - Additional computer languages (Java, C, C++, C#, Ada, Fortran, Haskell, Prolog, Lisp, Perl, Ruby, Python, etc) - Foundational computing units, discrete maths or computing maths, object oriented programming, operating systems, databases, networks, security, web/internet technologies, artificial intelligence, graphics, software engineering, system design, modelling. Students with weaker academic backgrounds should be directed to the MIT.
ELC	UWA general standard
Course Length	2 Years F/T (96 Points)
Fee Waiver Scholarship	Available to students from countries on the World Bank list of Low and Middle Income Economies (Attachment A). Grades equivalent to UWA WAM 60-69%, award 10% scholarship; 70-74%, award 20% scholarship; 75% and above, award 25% scholarship. Equivalent marks for Indian student scholarships are listed in Attachment B.



UWA Degree Name	Graduate Diploma in Computer Science (60360) GradDipCompSc
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor in Computer Science, Software Engineering or Information Technology. Refer back to School of CSSE for related courses. <i>Note: courses in Information Systems, Information Management, Multimedia, etc are not normally sufficient, and should be directed to the GradDipIT.</i>
UWA WAM required for entry	55% See Attachment B for translations to Indian WAMs.
Pre-requisites	See Master of Computer Science
Other requirements	See Master of Computer Science
ELC	UWA general standard
Course Length	1 Year F/T (48 Points)
Fee Waiver Scholarship	Available to students from countries on the World Bank list of Low and Middle Income Economies (Attachment A). Grades equivalent to UWA WAM 60-69%, award 10% scholarship; 70-74%, award 20% scholarship; 75% and above, award 25% scholarship. Equivalent marks for Indian student scholarships are listed in Attachment B.

UWA Degree Name	Master of Information Technology (61520) MIT
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor in any discipline or GradDipIT
UWA WAM required for entry	60% See Attachment B for translations to Indian WAMs.
Pre-requisites	none
Other requirements	none
ELC	UWA general standard
Course Length	2 Years F/T (96 Points)
Fee Waiver Scholarship	Available to students from countries on the World Bank list of Low and Middle Income Economies (Attachment A). Grades equivalent to UWA WAM 60-69%, award 10% scholarship; 70-74%, award 20% scholarship; 75% and above, award 25% scholarship. Equivalent marks for Indian student scholarships are listed in Attachment B.



UWA Degree Name	Graduate Diploma in Information Technology (60320) GradDiplIT
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor in any discipline or GradCertIT
UWA WAM required for entry	55% for bachelor entry or pass in GradCertIT. See Attachment B for translations to Indian WAMs.
Pre-requisites	none
Other requirements	none
ELC	UWA general standard
Course Length	1 Year F/T (48 Points)
Fee Waiver Scholarship	Available to students from countries on the World Bank list of Low and Middle Income Economies (Attachment A). Grades equivalent to UWA WAM 60-69%, award 10% scholarship; 70-74%, award 20% scholarship; 75% and above, award 25% scholarship. Equivalent marks for Indian student scholarships are listed in Attachment B.

UWA Degree Name	Graduate Certificate in Information Technology (60220) GradCertIT
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor in any discipline or some level of education <i>and</i> professional experience (refer back to School of Computer Science and Software Engineering for this assessment)
UWA WAM required for entry	50% See Attachment B for translations to Indian WAMs.
Pre-requisites	none
Other requirements	none
ELC	UWA general standard
Course Length	6 Months F/T (24 Points)
Fee Waiver Scholarship	Available to students from countries on the World Bank list of Low and Middle Income Economies (Attachment A). Grades equivalent to UWA WAM 60-69%, award 10% scholarship; 70-74%, award 20% scholarship; 75% and above, award 25% scholarship. Equivalent marks for Indian student scholarships are listed in Attachment B.



UWA Degree Name	Master of Mathematical and Statistical Science (61510) MMathStatSc
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor with a major in mathematics or statistics or related subject area.
UWA WAM required for entry	60% in the Level 3 units for the major. See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	none
ELC	UWA general standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	2 Years F/T (96 Points)
Fee Waiver Scholarship	Available for Indian students: grades equivalent to a UWA average of 60-64%, award 10% scholarship; 65-69%(first class), award 20% scholarship; 70% or greater (first class with distinction), award 25% scholarship.

UWA Degree Name	Graduate Diploma in Mathematical and Statistical Science (61310) GradDipMathStatSc
as for MMathStatSc above except for the entry below	
Course Length	1 Year F/T (48 Points)

UWA Degree Name	Master of Financial Mathematics (60590) MFinMath
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor or approved GradCertMathStatSc
UWA WAM required for entry	60% for bachelor entry or pass in GradCertMathStatSc. See Attachment C for translations to Indian WAMs.
Pre-requisites	Second year multivariable calculus and second year linear algebra and second year probability and statistics. If lacking in some prerequisites, entry may be possible via preparation course: Graduate Certificate in Mathematical and Statistical Science (refer to School of Mathematics and Statistics).
Other requirements	none
ELC	UWA general standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	1.5 Years F/T (72-76 Points)
Fee Waiver Scholarship	Available for Indian students: grades equivalent to a UWA average of 60-64%, award 10% scholarship; 65-69%(first class), award 20% scholarship; 70% or greater (first class with distinction), award 25% scholarship.

UWA Degree Name	Graduate Diploma in Financial Mathematics (60390) GradDipFinMath
as for MFinMath above except for the entry below	
Course Length	1 Year F/T (48 Points)



UWA Degree Name	Master of Engineering in Information and Communications Technology (60580) MEICT
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor of Engineering or a relevant Graduate Diploma in Engineering
UWA WAM required for entry	65% See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	No personal statement required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	2 Years F/T (96 Points)
Fee Waiver Scholarship	Available for Indian students (for NOOSR section 1 and (selected) 2): Indian WAM of 60-64%, award 10% scholarship; 65-69%, award 20% scholarship; 70% and above, award 25% scholarship.

UWA Degree Name	Graduate Diploma in Engineering in ICT (60380) GradDipEICT
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor of Engineering or equivalent or a relevant bachelor degree or GradCertEICT
UWA WAM required for entry	60% for bachelor entry or a pass in the GradCertEICT. See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	No personal statement required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	1 Year F/T (48 Points)

UWA Degree Name	Graduate Certificate in Engineering in ICT (60290) GradCertEICT
Entry Period	Semester 1 & 2
AQF level required for entry	a relevant bachelor degree
UWA WAM required for entry	60% See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	No personal statement required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	6 months F/T (24 Points)



UWA Degree Name	Master of Engineering in Microelectronics (61530) MEME
as for MEICT	

UWA Degree Name	Graduate Diploma in Engineering in Microelectronics (61330) GradDipEME
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor of Engineering or equivalent or a relevant bachelor degree or GradCertEME
UWA WAM required for entry	60% for bachelor entry or a pass in the GradCertEME. See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	No personal statement required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	1 Year F/T (48 Points)
as for GradDipEICT	

UWA Degree Name	Graduate Certificate in Engineering in Microelectronics (61230) GradCertEME
as for GradCertEICT	

UWA Degree Name	Master of Engineering (Power Systems) (60560) ME (PowerSys)
as for MEICT above	

UWA Degree Name	Graduate Diploma in Engineering in Power Systems (61300) GradDipEPowerSys
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor of Engineering or equivalent or a relevant bachelor degree or GradCertEPowerSys
UWA WAM required for entry	60% for bachelor entry or a pass in the GradCertEPowerSys. See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	No personal statement required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	1 Year F/T (48 Points)

UWA Degree Name	Graduate Certificate in Engineering in Power Systems (61200) GradCertEPowerSys
as for GradCertEICT above	



UWA Degree Name	Graduate Diploma in Engineering (60330) GradDipE
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor of Engineering or equivalent or a relevant bachelor degree
UWA WAM required for entry	55% or possible entry via a relevant Graduate Certificate in Engineering (refer to relevant school). See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	No personal statement required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	1 Year F/T (48 Points)
Fee Waiver Scholarship	For Graduate Diploma in Engineering(Mechanical) available for International students: grades equivalent to a UWA average of 70-79%, award 10% scholarship; 80% and above, award 20% scholarship.

UWA Degree Name	Graduate Certificate in Engineering (60260) GradCertE
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor or some level of education <i>and</i> professional experience (refer back to relevant School for assessment)
UWA WAM required for entry	50 % See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	No personal statement required
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	6 months F/T (24 Points)



UWA Degree Name	Master of Civil Engineering (61540) MCivIE
Entry Period	Semester 1 & 2
AQF level required for entry	Bachelor of Engineering (Civil Engineering) or entry via a relevant Graduate Diploma in Engineering
UWA WAM required for entry	65% See Attachment C for translations to Indian WAMs.
Pre-requisites	none
Other requirements	none
ELC	No additional requirement over standard, except for Indian students UWA IELTS minimum scores will be required.
Course Length	2 Years F/T (96 Points)
Fee Waiver Scholarship	Available for Indian students (for NOOSR section 1 and (selected) 2): Indian WAM of 60-64%, award 10% scholarship; 65-69%, award 20% scholarship; 70% and above, award 25% scholarship.

For all other courses refer applications back to the relevant School.

NOTE: Students with greater than 6 fails and WAM less than 55% are often rejected or offered Graduate Certificate courses by the Faculty, please refer these cases to the relevant School.



Attachment A: World Bank List of Low and Middle Income Economies

From:

<http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS/0,,contentMDK:20421402~pagePK:64133150~piPK:64133175~theSitePK:239419,00.html>

List as at 16th January, 2008.

Low-income economies (53)

Afghanistan	India	Rwanda
Bangladesh	Kenya	São Tomé and Príncipe
Benin	Korea, Dem Rep.	Senegal
Burkina Faso	Kyrgyz Republic	Sierra Leone
Burundi	Lao PDR	Solomon Islands
Cambodia	Liberia	Somalia
Central African Republic	Madagascar	Sudan
Chad	Malawi	Tajikistan
Comoros	Mali	Tanzania
Congo, Dem. Rep	Mauritania	Timor-Leste
Côte d'Ivoire	Mongolia	Togo
Eritrea	Mozambique	Uganda
Ethiopia	Myanmar	Uzbekistan
Gambia, The	Nepal	Vietnam
Ghana	Niger	Yemen, Rep.
Guinea	Nigeria	Zambia
Guinea-Bissau	Pakistan	Zimbabwe
Haiti	Papua New Guinea	

Lower-middle-income economies (55)

Albania	El Salvador	Namibia
Algeria	Fiji	Nicaragua
Angola	Georgia	Paraguay
Armenia	Guatemala	Peru
Azerbaijan	Guyana	Philippines
Belarus	Honduras	Samoa
Bhutan	Indonesia	Sri Lanka
Bolivia	Iran, Islamic Rep.	Suriname
Bosnia and Herzegovina	Iraq	Swaziland
Cameroon	Jamaica	Syrian Arab Republic
Cape Verde	Jordan	Thailand
China	Kiribati	Tonga
Colombia	Lesotho	Tunisia
Congo, Rep.	Macedonia, FYR	Turkmenistan
Cuba	Maldives	Ukraine
Djibouti	Marshall Islands	Vanuatu
Dominican Republic	Micronesia, Fed. Sts.	West Bank and Gaza
Ecuador	Moldova	
Egypt, Arab Rep.	Morocco	



Upper-middle-income economies (41)

American Samoa	Kazakhstan	Poland
Argentina	Latvia	Romania
Belize	Lebanon	Russian Federation
Botswana	Libya	Serbia
Brazil	Lithuania	Seychelles
Bulgaria	Malaysia	Slovak Republic
Chile	Mauritius	South Africa
Costa Rica	Mayotte	St. Kitts and Nevis
Croatia	Mexico	St. Lucia
Dominica	Montenegro	St. Vincent and the Grenadines
Equatorial Guinea	Northern Mariana Islands	Turkey
Gabon	Oman	Uruguay
Grenada	Palau	Venezuela, RB
Hungary	Panama	



Attachment B: Indian Scores for CSSE courses

Entrance	NOOSR Section 1 & 2	NOOSR Section 3
GradCertIT	N/A	N/A
GradDipIT	50%	55%
MIT	55%	60%
GradDipCS	50%	55%
MCS	55%	60%

Scholarships	NOOSR Section 1 & 2	NOOSR Section 3
10%	55%	60%
20%	60%	65%
25%	65%	70%



Attachment C: Indian Score translations for non-CSSE courses

UWA WAM	NOOSR Section 1	NOOSR Section 2	NOOSR Section 3
50%	50%	50%	55%
55%	50%	55%	60%
60%	55%	60%	65%
65%	60%	65%	70%
70%	65%	70%	75%
75%	70%	75%	80%
80%	75%	80%	85%