UWA offers programs for asset management and reliability professionals who want to take the next step forward in their careers. The UWA Master and Graduate Diploma degree programs in Business and Engineering Asset Management and units in Reliability are appropriate for experienced managers and engineers working in asset management roles in all sectors, oil and gas, mining, infrastructure, defence and local government.

The program has a strong practical focus and the engineering units require you to demonstrate how you would deploy the concepts in your work environment. We developed the program through two years of consultation with the Australian asset owning community and with international and national institutions. As a result, participants learn about asset management and reliability approaches from a range of sectors and can be confident that their work aligns with sector and national guidelines.

Questions to Consider
If you are unsure whether the program is relevant, please ask yourself the following questions:

- Do you need to demonstrate competence in asset management, asset risk and reliability for professional development and accreditation purposes?
- Are you involved in developing asset management plans and strategies?
- Do you wish to further develop your skills in risk and reliability engineering?

Entry Requirements
Graduate Diploma:
(a) a Bachelor of Engineering degree or Bachelor degree in a relevant discipline from an approved institution and five years professional experience, or
(b) a high level of professional experience in asset management that would permit satisfactory completion of the course.

Master degree:
a Bachelor of Engineering degree and five years professional experience or successful completion of the Graduate Diploma with an average mark of 65% or better, or equivalent as recognised by the Faculty.

The programs are available only to professionals in employment in asset management related roles, they are not available to International students. However 457 Visa holders may enrol in a single unit for professional development through UWA Extension via www.extension.uwa.edu.au

Single unit entry requirements vary, please refer to the website. Applicants must demonstrate satisfactory performance in a UWA-approved test of English. Details are at www.studyat.uwa.edu.au/undergraduate/admission/english

Fees
Information regarding fees can be found at www.unitcosts.uwa.edu.au/unitcosts
The fee for a single unit taken for Professional Development through UWA Extension in 2011 is $3,650.
Application

A program application form can be downloaded from: www.studyat.uwa.edu.au/postgraduate/apply/forms
Submit application form with all supporting documentation to the Postgraduate Student Centre at the UWA Business School.

An application form for a single unit through UWA Extension can be downloaded from:
www.extension.uwa.edu.au (under ACCESS UWA)

Graduate Diploma

- Organisational Behaviour
- Data Analysis & Decision Making
- Accounting or Managerial Finance
- Engineering Asset Management & Risk*
- Asset Management Plan*
- Reliability Engineering*

Participants who satisfactorily complete four units from the Masters Core units can exit with a Graduate Certificate.

Master of Business and Engineering Asset Management

Core units
- Organisational Behaviour
- Data Analysis & Decision Making
- Engineering Asset Management and Risk*
- Asset Management Plan*
- Reliability Engineering*
- System Reliability Modelling*

6 elective units
- Dissertation Part 1 or Parts 1 & 2, or Parts 1, 2 & 3
- Electives at Masters level

The Master degree program consists of 12 units. Units are coordinated by the Business School (shown in blue) and the Faculty of Engineering, Computing and Mathematics (shown in black).

The estimated time frame for the Master degree for a part-time student combining study and full-time work is 2-3 years; though this may be shortened depending on credit available for prior learning.

Units are scheduled to accommodate part-time study recognising the time constraints of working professionals. The Business School units are part of the MBA program and offered in the evenings (or on Saturdays for the Graduate Diploma). To increase access to the engineering units for professionals, especially those working FIFO in the resource and infrastructure industries, the following units are offered in block mode. These units are marked with an * in the tables above and are available for enrolment as single units through UWA Extension via www.extension.uwa.edu.au

Units for Professional Development

(provisional dates)
Asset Management Plan
12 Monday night workshops
6:00-9:00pm
- 23 January-16 April 2012

Engineering Asset Management & Risk
8 days of workshops
8:30am-4:30pm
- 4-6 June 2012
- 12, 19, 26 May 2012
- 22, 29 September 2012
- 6, 13, 20, 27 October 2012
- 3, 10 November 2012

Reliability Engineering
8 days of workshops
8:30am-4:30pm
- 4-6 June 2012
- 27-29 June 2012
- 19-20 July 2012
- 19-20 July 2012

System Reliability Modelling
Saturday workshops
9:00am-4:00pm
- 12, 19, 26 May 2012
- 2, 9, 16, 23, 30 June 2012
- 6, 13, 20, 27 October 2012
- 3, 10 November 2012

While the units use web-based technology this is not a distance-learning course as there is a strong emphasis on student engagement with the academics, their peers, and industry and academic guest speakers. The use of case studies and work-related assignments ensures relevance to the work environment.

Information in this publication was correct as 24 November 2011 but is subject to change from time to time. In particular, the University reserves the right to change the content and/or the method of presentation and/or the method of assessment of any unit of study, to withdraw any unit of study or program, which it offers, to impose limitations on enrolment in any unit, and/or to vary arrangements for any program.

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