



UNIVERSITY  
OF WOLLONGONG  
IN DUBAI

# **FACULTY OF ENGINEERING AND INFORMATION SCIENCES**

2019 -2020

**UOWD - Your Australian University in Dubai**

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“  
We are considered  
a benchmark  
for educational  
establishments in the  
region: dynamic, agile,  
innovative and praised for  
the quality of our teaching  
and research ”

**Prof Mohamed-Vall M. Salem Zein**  
President  
University of Wollongong in Dubai

## Dean's Message



**Professor Khalid Hussain**  
Dean  
Faculty of Engineering and  
Information Sciences

A warm welcome to the Faculty of Engineering and Information Sciences!

Engineering and Information Sciences is about creating innovative and smart technologies or products that can make a difference in our everyday lives. This is why the world needs unique talents and skills. At UOWD we lead the way in graduating future generations of innovators and highly skilled engineers and computer scientists.

The Faculty of Engineering and Information Sciences trains hundreds of Engineers and IT specialists each year.

Our specialised labs for security engineering, game development, and databases not only provide support for our forward-thinking and skill based curricula but it provides a venue for students to conduct research and build their skills in an advanced professional environment.

UOW Australia is a member of the Group of Eight (Go8) Deans of Engineering and Associates, in recognition of it being among the top Australian engineering faculties. This achievement is a direct result of our world class reputation in teaching and research.

All our programs are skill based, practice-oriented and reflect the latest trends and technologies that meet the needs of the regional and global market, making our graduates highly competitive.

Our academics are top-of-their-class and representing several nationalities from around the globe, they have extensive teaching and industry experiences. They are active researchers and focussed on producing outstanding research with outcomes that will benefit the community on a regional and international level.

Our strong connections with the industry will provide you with additional opportunities to participate in real-life challenges, enabling you to step into the world with confidence.

Our aim is to provide you with a unique learning experience and to develop our future industry leaders.

I hope to personally welcome you at the Faculty in the near future!



# About University of Wollongong in Dubai

The University of Wollongong in Dubai (UOWD) is one of the region's oldest, most prestigious and forward-thinking tertiary institutions. Our curriculum and teaching practices reflect those of UOW Australia, which consistently ranks among the top 2%\* of universities worldwide, and are nationally and internationally recognised (\*QS World University rankings 2019).

Our continuous efforts in providing an education of world-class standards, are evident in our longstanding ranking in graduate employability and also the reason why our graduates are highly sought-after by employers.

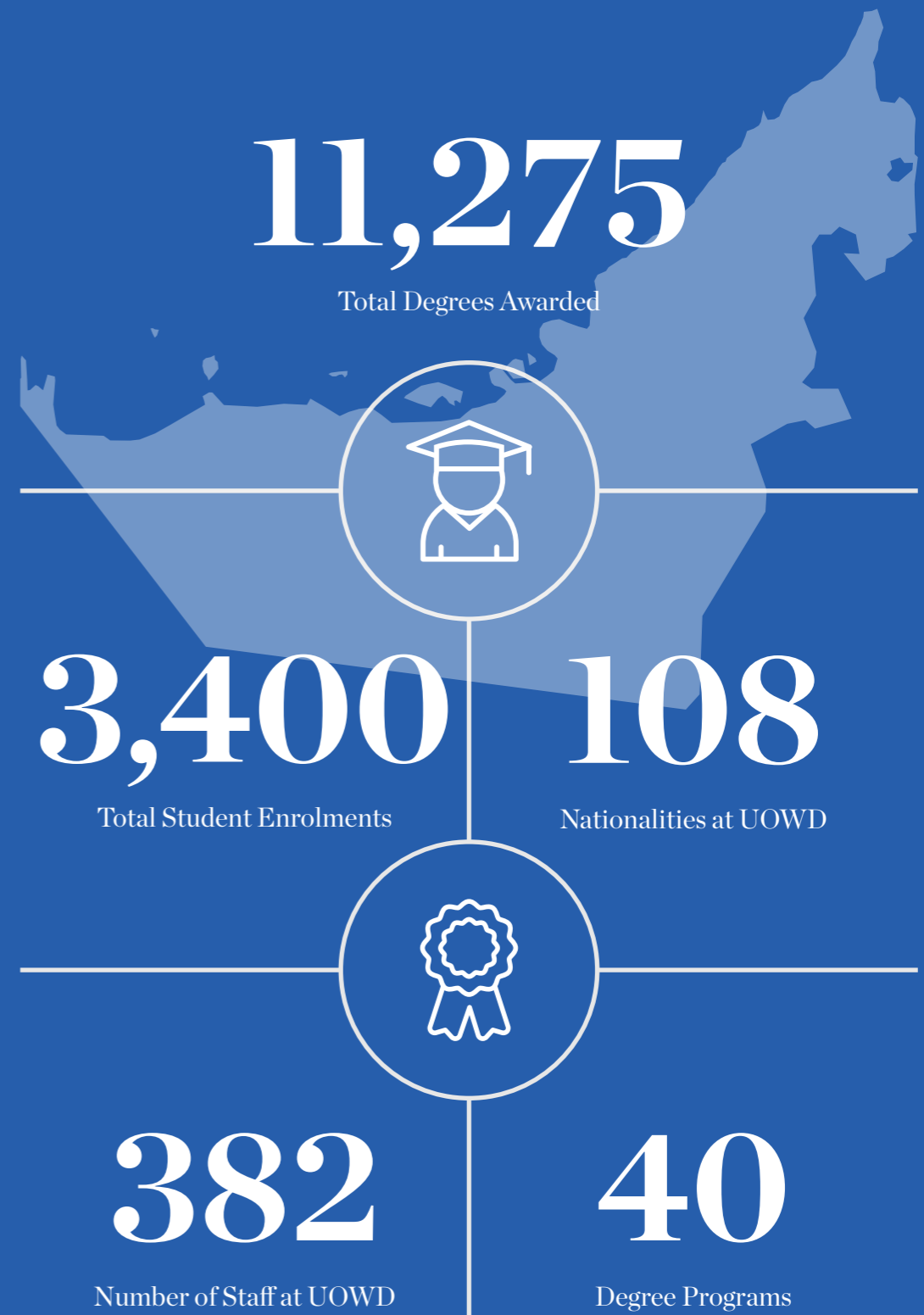
UOWD is truly a dynamic and diverse institution that offers a broad spectrum of programs in Business, Engineering, Information Sciences as well as Social Sciences and Education. Our aim is to develop graduates who are ethical, mobile, technologically literate and ready for multicultural workplaces. Our programs are relevant and industry related with a strong focus on encouraging creative and

critical thinking, problem-solving and the development of unique leadership skillsets.

UOWD's programs are aligned with national priorities yet tailored to meet the demands and needs of the global employment market. With the support of industry experts, it integrates real-world practices with theory ensuring our students are equipped to address complex business problems.

Our faculty consist of highly respected academics from across the globe who brings with them extensive teaching, research and industry experience. UOWD's faculty are active researchers and focussed on producing outstanding research with outcomes that will benefit the community on a regional and international level.

UOWD is located in the heart of Dubai, UAE's biggest and fastest growing business capital and studying at our University, will provide you with opportunities to broaden your international perspective and equip you with the skills to become global change-makers.







## Accreditation and Recognition

Our students and graduates can be assured that our degrees are recognised throughout the UAE and internationally. We are:

- Accredited by the UAE Ministry of Education – Higher Education Affairs through the Commission of Academic Accreditation (CAA).
- Quality assured by UOW Australia which is registered with TEQSA, the national regulator of higher education in Australia. Students can opt for a UOW Dubai or UOW Australia degree certificate upon graduation.

**5 - 6**  
Semesters

**6**  
Core Subjects

**2**  
Electives

**1**  
Capstone Project

### Key Skills

- ★★★★★ Skills Development
- ★★★★★ Project Management
- ★★★★★ Technical Management
- ★★★★★ IT Integration
- ★★★★★ Analytical Skills
- ★★★★★ Managing Teams
- ★★★★★ Decision Making
- ★★★★★ Business-Technology Decisions

### Master of Information Technology Management

# Master of Information Technology Management

The Master of Information Technology Management (MITM) program is for IT graduates and professionals who want to develop the skills needed to be part of an increasingly dynamic information technology industry. Throughout the duration of the program you will:

- Acquire the skills and knowledge to anticipate, manage and deliver technological advances in order to gain a competitive advantage in a commercial setting.
- Learn how to integrate IT with fundamental business concepts and functions, enabling you to make the best business-technology decisions.

## Industry Focussed

There is a rising demand across all business sectors for IT experts who can add value to organisational processes through the application of information and technological innovation. UOWD's MITM course has been designed in collaboration with key industry stakeholders, meaning that graduates develop the leadership skills they need throughout the program to progress to senior roles in information management and governance. Our compulsory professional practice and research project will allow you to investigate an industry issue, giving you a real-world experience and the opportunity to develop and apply the skills you have learnt throughout your postgraduate degree.

## About the Program

There are two entry levels to the Master of Information Technology Management program. If you have completed a three year undergraduate degree program, or a four year program without a research component, you will enter the MITM at the foundation level. This will involve taking two subjects prior to starting out on the main program, to be decided in consultation with the Faculty. If you have completed a four year degree that included a research component, you will enter directly onto the main program and complete ten subjects.

## Program Structure

Level	Subject Name
<b>Core Subjects</b>	<ul style="list-style-type: none"> <li>Information Systems and Strategy</li> <li>Information Technology Governance</li> <li>Project and Change Management</li> <li>Security, Risk Management and Control in Electronic Commerce</li> <li>Managing People in Multinational Organisations</li> <li>Accounting for Managers</li> </ul>
	<ul style="list-style-type: none"> <li>Innovation and Design</li> <li>Enterprise Architecture Design</li> <li>Systems Integration</li> <li>Strategic Network Management</li> <li>Organisational Issues and Information Technology</li> <li>Digital Marketing</li> <li>Marketing for Strategic Decisions</li> <li>Operations Management</li> <li>Procurement and Inventory Management</li> <li>Quality in Management</li> <li>Any other subject approved by Faculty</li> </ul>
	<ul style="list-style-type: none"> <li>Professional Practice and Research Project</li> </ul>

\*Students are required to choose two electives from the approved list. Elective options are subject to availability.  
 \*\*Equivalent to two subjects

## Duration of the Program

The program will normally take you five or six semesters to complete (based on three semesters per year with summer as an optional semester and two subjects per semester). At this rate, the degree can be completed in two years or less. Classes are held from 6:00pm - 9:30pm, Sunday to Thursday, with occasional Saturday classes. Each subject requires one evening of attendance for 13 weeks.

## Admissions Requirements

Applicants must have completed a Bachelor degree in an IT related field (or equivalent) at an accredited institution of higher education and have achieved the minimum grades for entry to the program. All instruction at UOWD is carried out in English and you will need to demonstrate an adequate level of English language proficiency in order to enrol.

Students from a non-IT discipline may be required to take Graduate Foundation Courses at the beginning of the program. Please check [uowdubai.ac.ae/postgraduate-programs/admission-requirements](http://uowdubai.ac.ae/postgraduate-programs/admission-requirements) for complete admission requirements.

## Program Fees

The total cost for the MITM program is calculated on a per subject basis. Please check [uowdubai.ac.ae/postgraduate-programs/fees-and-payment-information](http://uowdubai.ac.ae/postgraduate-programs/fees-and-payment-information) for a breakdown of fees and further details.

## Program Leader



**Dr Hock Chuan Lim**  
 PhD, University of New South Wales, Australia



The MITM program is great for IT Executives looking to progress into management. It provides a great mix of technical and management knowledge to prepare students for the real world. The program is always relevant to the industry changes and is being updated to keep up with the changing technical environment. It provided me with the opportunity to connect with other industry peers and made it a more informative and a complete learning experience. I would recommend this program to students who are looking to obtain a management degree with a focus on technology and will enable them to move into a management role with ease.



**Mohammed Hamad**  
 Security Consultant,  
 Help AG

## Career Opportunities

There is a rising demand across all business sectors for IT experts who can automate organisational processes utilising the latest innovations in technology. Students and graduates of the MITM typically work in occupations such as:

- ✓ IS Managers
- ✓ Systems Analysts
- ✓ Senior Programmers
- ✓ Network Managers
- ✓ Project Managers
- ✓ Database Administrators
- ✓ Telecommunications Managers
- ✓ Internet Architects
- ✓ Data Centre Managers
- ✓ Web Developers
- ✓ Security Specialists





## Accreditation and Recognition

Our students and graduates can be assured that our degrees are recognised throughout the UAE and internationally. We are:

- Accredited by the UAE Ministry of Education – Higher Education Affairs through the Commission of Academic Accreditation (CAA).
- Quality assured by UOW Australia which is registered with TEQSA, the national regulator of higher education in Australia. Students can opt for a UOW Dubai or UOW Australia degree certificate upon graduation.

**5 - 6**  
Semesters

**6**  
Core Subjects

**2**  
Electives

**1**  
Capstone Project

### Key Skills

- \*\*\*\*\*  
Skills Development
- \*\*\*\*\*  
Project Management
- \*\*\*\*\*  
Technical Management
- \*\*\*\*\*  
Creative Skills
- \*\*\*\*\*  
Analytical Skills
- \*\*\*\*\*  
Managing Teams
- \*\*\*\*\*  
Decision Making
- \*\*\*\*\*  
Strategic Judgements

### Master of Engineering Management

## Master of Engineering Management

The Master of Engineering Management (MEM) program is for engineering graduates who are looking to develop their skills and competencies to manage large-scale engineering challenges. Throughout the duration of the program you will:

- Acquire the skills to successfully integrate technical and project management skills while optimising the use of personnel, resources, equipment and information to deliver successful engineering projects.
- Learn how to develop and demonstrate creative, analytical and conceptual skills to analyse, diagnose and execute strategic judgements across all engineering functions.
- Learn how to manage teams effectively and to understand managers from other disciplines.
- Acquire the technical skills to support decision-making processes in complex business and industrial environments.

## Industry Focussed

There is a rising demand across the MENA region and beyond for engineering professionals who can combine both technical and management expertise. UOWD's MEM program has been designed in collaboration with key industry stakeholders, meaning that graduates develop the leadership skills they need. The compulsory dissertation subject will also allow you to solve a specific practical engineering problem, giving you a real-world experience and the opportunity to develop and apply the skills you have learnt throughout your postgraduate degree.

## Project Management Professional (PMP) Qualification

The Project Management Professional (PMP) is the most important industry-recognised certification for project management. By choosing to enrol for UOWD's MEM program and taking the Engineering Project Management core subject, you will be satisfying one of the key application criteria for the qualification as you are able to use this subject as evidence of your 35 hours of project management education.

## About the Program

There are two entry levels to the Master of Engineering Management (MEM) program. If you have completed a three year undergraduate degree program or a four year program without a research component, you will enter the MEM program at the foundation level. You will need to complete two additional subjects, to be decided in consultation with the Faculty, prior to starting the main program. If you have completed a four year degree which included a research component, you will enter the main program directly and complete ten (10) subjects.

## Program Structure

Level	Subject Name
<b>Core Subjects</b>	<ul style="list-style-type: none"> <li>Managing People in Multinational Companies</li> <li>Innovation and Design</li> <li>Engineering Project Management</li> <li>Modelling of Engineering Management Systems</li> <li>Strategic Management for Engineers and Technologists</li> <li>Financial Management for Engineered Assets</li> </ul>
<b>Electives*</b>	<ul style="list-style-type: none"> <li>Special Topics in Engineering Management</li> <li>Engineering Logistics</li> <li>Project Implementation and Outsourcing</li> <li>Life Cycle and Risk Management</li> <li>Maintenance Requirement Analysis</li> <li>Systems Reliability Engineering</li> <li>Management of Change</li> <li>Organisational Analysis</li> <li>Cross-Cultural Management</li> <li>Marketing for Strategic Decisions</li> <li>Economics for Modern Business</li> <li>Quality in Management</li> <li>Implementing Quality Systems</li> <li>Management of Service Quality</li> <li>Logistics System</li> <li>Operations Management</li> <li>Procurement and Inventory Management</li> <li>Engineering Economics</li> </ul>
<b>Capstone Project</b>	<ul style="list-style-type: none"> <li>Dissertation** or Engineering Research Methods plus an additional approved elective</li> </ul>

\*Students are required to choose two electives from the approved list. Elective options are subject to availability.  
 \*\*Equivalent to two subjects.

## Duration of the Program

The program will normally take you five or six semesters to complete (based on three semesters per year with summer as an optional semester and two subjects per semester). At this rate, the degree can be completed in two years or less. Classes are held from 6:00pm - 9:30pm, Sunday to Thursday, with occasional Saturday classes. Each subject requires one evening of attendance for 13 weeks.

## Admissions Requirements

Applicants must have completed a Bachelor degree in Engineering (or equivalent) at an accredited institution of higher education and have achieved the minimum grades for entry to the program. All instruction at UOWD is carried out in English and you will need to demonstrate an adequate level of English language proficiency in order to enrol. Please check [uowdubai.ac.ae/postgraduate-programs/admission-requirements](http://uowdubai.ac.ae/postgraduate-programs/admission-requirements) for complete admission requirements.

## Program Fees

The total cost for the MEM program is calculated on a per subject basis. Please check [uowdubai.ac.ae/postgraduate-programs/fees-and-payment-information](http://uowdubai.ac.ae/postgraduate-programs/fees-and-payment-information) for a breakdown of fees and further details.

## Program Leader



**Dr Mama Chacha**  
 Associate Professor  
 PhD, Université Aix-Marseille I, France



I really enjoyed the innovation course which encourages you to open your mind and to think out-of-the box as well as the simulation course which was extremely beneficial for my work. Using the ANOVA test helped me detect patterns of some issues at work which increased the work efficiency. Currently I am looking for an alternative career in the educational industry which will allow me to transfer my five years of experience at Dubai Aluminum (DUBAL) as Process Engineer in Fume Treatment Plants, enabling me to share my knowledge in a scientific approach with future generations.



**Budoor Jassim Ali**  
 MEM Graduate  
 (Top Emirati Graduate)

## Career Opportunities

The need for engineering talent is apparent in the rapid increase in large-scale construction projects underway throughout the region. There is a strong demand for engineering professionals and a wealth of opportunities for those who combine both technical and managerial expertise. Students and graduates of the MEM typically work across a range of engineering disciplines in roles such as:

- ✓ Engineering Managers
- ✓ Senior Engineers
- ✓ Plant Managers
- ✓ Engineering Supervisors
- ✓ System Engineers
- ✓ Project Managers
- ✓ Lead Field Engineers
- ✓ Process Engineers





## Accreditation and Recognition

Our students and graduates can be assured that our degrees are recognised throughout the UAE and internationally. We are:

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**5 - 6**  
Semesters

**6**  
Core Subjects

**2**  
Electives

**1**  
Capstone Project

### Key Skills

★★★★★

Skills Development

★★★★★

Asset Management

★★★★★

Evaluate Solutions

★★★★★

Cost-Effective Organisation

★★★★★

Productive Organisation

★★★★★

Managing Teams

★★★★★

Decision Making

★★★★★

Strategic Judgements

**Master of  
Engineering Asset  
Management**

## Master of

# Engineering Asset Management

The vast majority of engineers in the UAE and around the world, are involved in managing engineering assets. Every day decisions are made that affect the performance and life cycle cost of a company's high valued assets and there are increasing expectations to demonstrate competency and transparency in these decisions. This is the ideal program for an engineering professional working in a position that deals with acquisitions, operations, maintenance, replacement or retirement of assets and who would like to progress into senior management positions. Throughout the duration of the program you will:

- Obtain the knowledge and skills to create a more competitive, cost-efficient and productive organisation.
- Learn how to progressively address problems in the designing and managing of assets throughout their life cycles.
- Acquire the skills to evaluate potential solutions to real-life assets related challenges faced by organisations.

## Industry Focussed

As engineering projects in the MENA region are triggered by the need stage in their life cycle, there is a strong demand for engineering professionals who have a thorough knowledge of best practice in assets life cycle and risk management, which is the focus of this Engineering Asset Management program. This program has been designed by experts and draw on evolving international standards and practice. It will equip asset managers with the advanced skills necessary to manage property, infrastructure, facilities, physical equipment and other assets throughout their life cycle ensuring they are maintained properly, that new assets are integrated successfully into existing systems and that these assets continue to generate value throughout their life.

Our compulsory professional practice and research project will allow you to investigate an industry issue, which will provide you with a real-world experience and the opportunity to develop and apply the skills you have learnt throughout your postgraduate degree.

## About the Program

There are two entry levels to the MEAM program. If you have completed a three-year undergraduate degree program, or a four-year program without a research component, you will enter the MEAM at the foundation level. This will involve taking two subjects prior to starting out on the main program that will be agreed in discussion with the Faculty. If you have completed a four-year degree that included a research component, you will enter directly onto the main program.

## Program Structure

The Master of Engineering Asset Management (MEAM) program consists of 6 core subjects, 2 electives and a capstone project which may be a 2-semester dissertation or 1-semester Asset Management System Design project plus an additional subject selected from electives.

Level	Subject Name
<b>Core Subjects</b>	<ul style="list-style-type: none"> <li>Modelling of Engineering Management Systems</li> <li>Financial Management for Engineered Assets</li> <li>Project Implementation and Outsourcing</li> <li>Life Cycle and Risk Management</li> <li>Maintenance Requirement Analysis</li> <li>Systems Reliability Engineering</li> </ul>
<b>Electives*</b>	<ul style="list-style-type: none"> <li>Leading in Contemporary Organisations</li> <li>Engineering Project Management</li> <li>Strategic Management for Engineers and Technologists</li> <li>Any other subject approved by the Faculty</li> </ul>
<b>Capstone Project**</b>	<ul style="list-style-type: none"> <li>Dissertation</li> <li>Asset Management System Design and one additional subject selected from the electives</li> </ul>

\*Students are required to choose two electives from the approved list. Elective options are subject to availability.  
 \*\*Students are required to choose one capstone option.

## Duration of the Program

The program will normally take you five or six semesters to complete (based on three semesters per year with summer as an optional semester and two subjects per semester). At this rate, the degree can be completed in two years or less. Classes are held from 6:00pm - 9:30pm, Sunday to Thursday, with occasional Saturday classes. Each subject requires one evening of attendance for 13 weeks.

## Admissions Requirements

Applicants must have completed a Bachelor degree in Engineering (or equivalent) at an accredited institution of higher education and have achieved the minimum grades for entry to the program. All instruction at UOWD is carried out in English and you will need to demonstrate an adequate level of English language proficiency in order to enrol. Please check [uowdubai.ac.ae/postgraduate-programs/admission-requirements](http://uowdubai.ac.ae/postgraduate-programs/admission-requirements) for complete admission requirements.

## Program Fees

The total cost for the MEAM program is calculated on a per subject basis. Please check [uowdubai.ac.ae/postgraduate-programs/fees-and-payment-information](http://uowdubai.ac.ae/postgraduate-programs/fees-and-payment-information) for a breakdown of fees and further details.

## Program Leader



**Dr Mama Chacha**

Associate Professor  
 PhD, Université Aix-Marseille I, France



Since I am currently working in the oil & gas industry which consists of physical and non-physical assets, I decided to study this program because of its relevance to my career. This program is very unique and useful for enhancing your administration and management skills. Many subjects will be covered in this program such as Reliability, Maintenance Requirement Analysis, Asset Life Cycle and Risk Management all of which will add more value to our careers.



**Mohammed Almarzooqi**

Plant Operations Engineer,  
 ADNOC

## Career Opportunities

As engineering projects in the MENA region reach the next stage in their life cycle, there is a strong demand for engineering professionals who have a thorough knowledge of asset management best practice. Graduates of the MEAM program typically work in roles such as:

- ✓ Business Management
- ✓ Risk and Safety Management
- ✓ Quality Management
- ✓ Management Consultants
- ✓ Asset Management
- ✓ Systems Engineering
- ✓ Project Management
- ✓ Design Management
- ✓ Plant and Operations
- ✓ Maintenance Management
- ✓ Procurement Management
- ✓ Reliability Engineer



# Graduate Certificate and Certificate of Proficiency

At the University of Wollongong in Dubai (UOWD) we offer a number of options for postgraduate professionals seeking the specialised knowledge and skills that will allow them to move forward in today's competitive world in the shortest possible timeframe, but who aren't necessarily looking to enrol for a Masters level program yet.

## Graduate Certificate

Graduate Certificates provide students with a solid foundation and are designed for those who are seeking to progress their career in a particular area, or those currently working in the industry who wish to gain a relevant postgraduate qualification to update their skills and knowledge. Consisting of four subjects, a Graduate Certificate can usually be completed in two semesters or less.

## Program Highlights

<b>Advanced Your Skills in a Short Time</b>	<ul style="list-style-type: none"> <li>Since a Graduate Certificate requires less time to complete, you can advance your skills in a shorter time period and still earn a qualification, strengthening your professional portfolio.</li> </ul>
<b>Progress to a Full Master's Program</b>	<ul style="list-style-type: none"> <li>Obtaining a Graduate Certificate will enable you to progress to the Masters level program and you will be able to apply for Credit for Prior Learning.</li> </ul>
<b>Globally Accredited. Locally Relevant</b>	<ul style="list-style-type: none"> <li>These programs are accredited by the UAE Ministry of Education - Higher Education Affairs, and quality assured by UOW Australia and therefore recognised throughout the UAE and internationally. Upon graduation, students can choose either a degree certificate from UOWD or a degree certificate from UOW Australia.</li> </ul>

## Certificate of Proficiency

UOWD's Certificate of Proficiency is ideal for professionals who are looking to develop skills in a specific technical or practical discipline over a short time scale. Delivered over a period of just 13 weeks, students can study a range of subjects that are offered by our Faculty of Engineering and Information Sciences.

## Program Highlights

<b>Advance Your Career</b>	<ul style="list-style-type: none"> <li>The Certificate of Proficiency will enable you to fast-track your career by developing your skills and knowledge in a certain field, therefore broadening your employment opportunities.</li> </ul>
<b>Progression to Future Postgraduate Programs</b>	<ul style="list-style-type: none"> <li>Upon completion of the chosen subject, students are awarded a Certificate of Proficiency and an official academic transcript. This transcript can then be used as credit towards future postgraduate programs.</li> </ul>
<b>Classes to Fit Around Your Commitments</b>	<ul style="list-style-type: none"> <li>All Certificates of Proficiency classes are held from 6:00pm - 9:30pm, Sunday to Thursday and are designed to fit around work commitments.</li> </ul>
<b>World-Class Faculty</b>	<ul style="list-style-type: none"> <li>UOWD's Faculty provide a wealth of academic and professional expertise from across the globe. All full-time professors hold a PhD degree and are active researchers in their specialist field.</li> <li>They also bring vast industry experience from years of practice in their respective disciplines, creating a learning environment that is both grounded in the latest academic theory and applicable to current professional practice.</li> </ul>

## Admissions Requirements

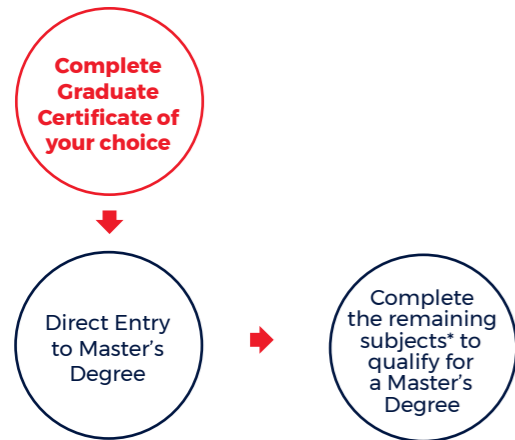
Applicants must have completed a Bachelor degree (or equivalent) at an accredited institution of higher education and have achieved the minimum grades for entry to both the Certificate of Proficiency and Graduate Certificates. All instruction at UOWD is carried out in English and you will need to demonstrate an adequate level of English language proficiency in order to enrol. Please check [uowdubai.ac.ac/postgraduate-programs/admission-requirements](http://uowdubai.ac.ac/postgraduate-programs/admission-requirements) for complete admission requirements.

## Program Fees

The total cost for UOWD programs are calculated on a per subject basis. Please check [uowdubai.ac.ac/postgraduate-programs/fees-and-payment-information](http://uowdubai.ac.ac/postgraduate-programs/fees-and-payment-information) for a breakdown of fees and further details.

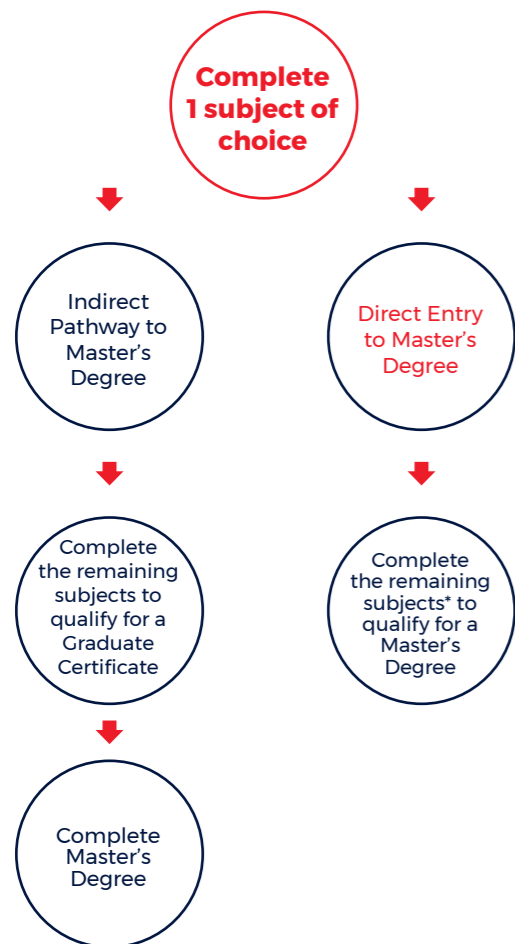


## Graduate Certificate



\* Number of subjects varies  
\* Credit for Prior Learning may apply

## Certificate of Proficiency



\* Number of subjects varies  
\* Credit for Prior Learning may apply  
\*The number of subjects for the graduate Certificate pathway depends on the COP subject you have taken

## Certificate of Proficiency

You have the option to choose from a selection of subjects, offered by the Faculty of Engineering and Information Sciences. Do note that not all subjects are available throughout the year. Please contact the Faculty Office to discuss your options.

The subjects available are as follows:

- Asset Management System Design
- Engineering Project Management
- Engineering Research Methods
- Financial Management for Engineered Assets
- Information Systems and Strategy
- Information Technology Security and Risk Management
- Innovation and Design
- IT Governance
- Life Cycle and Risk Management
- Maintenance Requirement Analysis
- Modelling of Engineering Management Systems
- Organisational Issues & Information Technology
- Project and Change Management
- Project Implementation and Outsourcing
- Strategic Management for Engineers and Technologists
- Strategic Network Management
- Systems Reliability Engineering

## Graduate Certificate in Engineering Asset Management

### Who is the Program For?

This program has been designed by experts to draw on evolving International Standards and best practice and equip engineering professionals with the advanced skills necessary to manage property, infrastructure, facilities, physical equipment and other assets throughout their life cycle – ensuring they are maintained properly, that new assets are integrated successfully into existing systems and that these assets continue to generate value throughout their lives.

### What Will I Study?

Students will complete the following three subjects:

- Life Cycle and Risk Management
- Maintenance Requirement Analysis
- Systems Reliability Engineering

Plus, one of the following:

- Managing People in Organisations
- Engineering Project Management
- Financial Management for Engineered Assets

or

- Any other 6 credit point subject approved by the Faculty

### Progression to Masters Courses

Upon successful completion of the Graduate Certificate in Engineering Asset Management, students who enrol in the Master of Engineering Asset Management program will be granted credit for four subjects.





## Scholarships and Grants

UOWD provides a range of scholarships which offer financial support to new and existing students at the commencement of each semester (unless otherwise stated). Whilst it does not cover living and other study-related expenses, it reduces the financial pressure ensuring you enjoy a less stressful student experience.

### Tuition Grants

UOWD offers a number of grants that provide discounted rates on program fees ranging from 5% to 20% of annual tuition costs\*. Available tuition grants are:

- Family Tuition Grants**  
 Immediate family members enrolling simultaneously at UOWD are eligible for tuition fee grants\*.
  - Alumni Tuition Grants**  
 New or returning students may qualify for one of the following Alumni Tuition Grants. **The Alumni Grant** will be awarded to students who have graduated from a UOWD undergraduate or postgraduate degree program and wish to enrol in a subsequent degree program at UOWD\*\*.
- The Family of Alumni Tuition Grant** is available on annual tuition fees for students who have at least one family member who has graduated from a degree program (undergraduate or postgraduate) from UOWD only. The Family of Alumni grant is available at the start of every semester and students must apply for the grant when they submit their Application for Admission form.

\*\* Not applicable to UOW Australia graduates

### Scholarships

- Academic Merit Scholarship**  
 This scholarship is awarded to applicants based on academic merit and who comply with the necessary requirements. It offers the recipients with a bursary ranging from 15% to 25% of their tuition fees for the duration of their studies\*.
- Sports Scholarships - Adam Gilchrist Sports Award**  
 This award, named after Australian cricketer and UOW Brand Ambassador, Mr Adam Gilchrist AM, is awarded to two recipients at either undergraduate or postgraduate level, in the Autumn semester (which begins in September). It offers the recipients a bursary of 50% of their tuition fees for the duration of their studies\*. Read more here: [uowdubai.ac.ae/postgraduate-programs/scholarships](http://uowdubai.ac.ae/postgraduate-programs/scholarships)

\*T&C's apply

# Step-by-Step Application Process

- Submit your completed application form online or in person**
  - Official academic transcripts of your Bachelor degree
  - Bachelor degree certificate of completion
  - Proof of your English language proficiency
  - A copy of your UAE ID card (if applying from within the UAE)
  - A copy of your passport (and Residence Visa, if resident of the UAE).

Additionally, if you are seeking advanced standing in your chosen program please submit to the University the below:

  - Certified copies of official academic transcripts showing all courses studied and grades obtained, syllabus details of the courses you successfully completed (including information on course content) and an explanation of the grading system.
- UOWD will notify you of the outcome of your application within two (2) working days**
- Clear your conditions as stipulated in your offer letter (if any)**
- Return your acceptance agreement and pay your tuition fee**
  - Return the formal acceptance of the offer (Refer to Attachment 'A' or 'B' of your offer letter)
- Attend enrolment & orientation day**
- Commence your studies!**





## Learn More

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