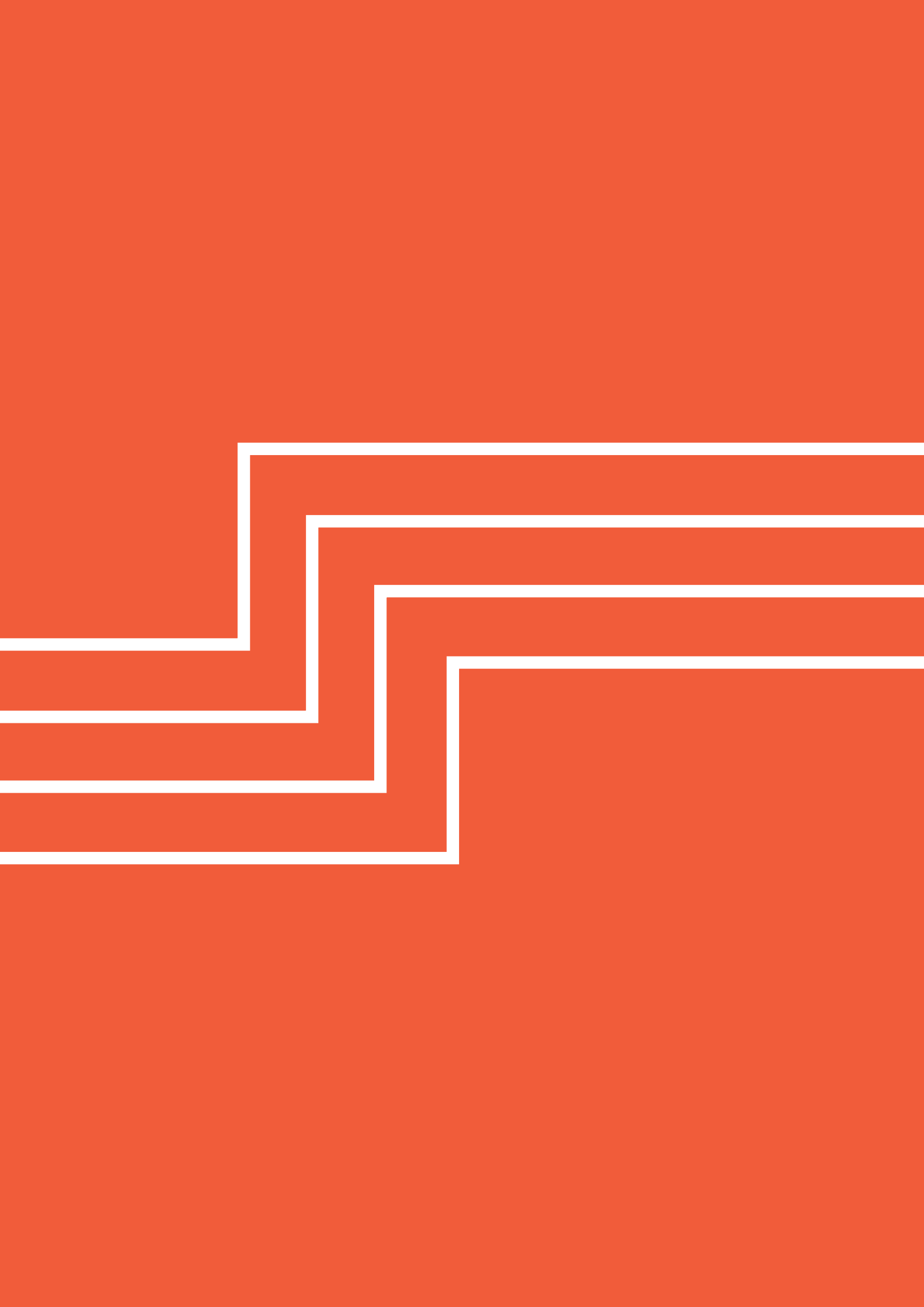




MASTERS





WELCOME



It gives me great pleasure to welcome you to Muscat University.

The vision of Muscat University is to transform individuals through quality education that is research-informed and industry-engaged. This vision is underpinned by a commitment to ethical approaches in everything we do meaning that every student will be respected, nurtured and supported to help them achieve their best.

The University's programmes are delivered through our three Faculties of Business and Management, Engineering and Technology, and Transport and Logistics, together with the Foundation Programme which prepares students for their chosen Bachelor's degree.

Our Masters programmes are offered through a partnership with Cranfield University, and our Bachelors programmes are delivered in partnership with Aston University. Both Cranfield and Aston are leading UK universities and we are proud to have such strong partnerships characterised by internationally renowned, professionally accredited programmes delivered mainly by flying-faculty. The Foundation Programme is quality assured by Aston University and therefore students who pass this programme do not require any further English Language tests to join a Bachelor's Degree.

On successful completion of their programmes, students at Muscat University are awarded a degree from both Muscat University and from its relevant partner institution, either Cranfield University or Aston University.

Muscat University is further enhancing our student experience by heavily investing in the development of our students' entrepreneurial skills through activities that complement their classroom experiences such as industry placements and exchange programmes to fulfil our vision of developing career-ready graduates and global citizens. Whether you are an undergraduate or postgraduate student, by joining Muscat University we will provide you with an educational experience and a student journey that will not only enrich your life forever, but will also be relevant to employer needs and expectations of a 21st century graduate.

I look forward to personally welcoming you to Muscat University.

Professor Yusra Mouzugi

Vice-Chancellor

Muscat University

Introduction from Professor Sir Peter Gregson, Vice-Chancellor, Cranfield University

I am delighted that we are working in close partnership with Muscat University and Aston University in developing an innovative suite of programmes in Oman.

The postgraduate courses offered by Cranfield draw on our world-class expertise in technology and management and will address the growing need for industry-facing postgraduate skills in Oman. Cranfield University has an established business expertise in the Gulf Cooperation Council region and wider Middle East, supporting the research and education interests of the region's utilities, ports, aerospace and logistics businesses.

Much of our research and postgraduate educational offer has been delivered in partnership with educational and government institutions in the region. Our new relationship with Muscat University looks to the future with confidence and will deliver postgraduate education across energy futures, logistics, air transport management, entrepreneurship and finance.

I hope that you will want to take advantage of the opportunities that you will see in this prospectus. We look forward to hearing from you.

Professor Sir Peter Gregson FEng MRIA

Chief Executive and Vice-Chancellor
Cranfield University

WHY CHOOSE MUSCAT UNIVERSITY?

1) OBTAIN A DUAL DEGREE (FROM BOTH THE UK AND OMAN) AFTER SUCCESSFULLY COMPLETING OUR PROGRAMMES

You will be awarded a degree from a leading UK University (Aston University for our undergraduate Bachelors programmes or Cranfield University for our postgraduate Master's programmes) and from Muscat University. This ensures that your degree is recognised both in the Gulf Cooperation Council (GCC) region and worldwide.

2) EXPERIENCE OUR BRAND-NEW FACILITIES IN THE HEART OF MUSCAT

Our modern, purpose-built campus is located only a stone's throw away from Muscat's modern shopping malls and just 10 minutes from Muscat's pristine coast. The new campus is equipped with a cutting-edge resource centre, a 250-seat auditorium, private study areas, and outdoor communal spaces. We also provide onsite car parking, cafes, restaurants, and banking facilities and there is a range of student accommodation options located nearby.

3) LEARN WITH THE VERY BEST

All our academic staff have been selected to provide you with an exceptional learning experience. The faculty members at Muscat University have wide-ranging experience in global and local contexts and are experts in their respective fields. Depending on the programme, up to 90% of academics will be 'flying faculty' which means that academic staff will be flown in from the UK specifically for your course.

4) ENJOY A GLOBAL STUDENT EXPERIENCE

As a student at Muscat University, you become a member of a global community. The academic staff and your fellow students are a diverse international mix which increases your intercultural awareness, creates a global social network and gives you the opportunity to meet people from all over the world.

5) CAREER READY AND CAREER ENHANCED GRADUATES

A Muscat University degree will give you the best possible chance to work in your chosen profession and make sure your profile stands out from the crowd. Our partner's statistics speak for themselves:

- Aston is ranked 12th in the UK by QS graduate employability rankings 2016.
- 94% of Cranfield alumni are in relevant employment or further study within 6 months of graduation.

All our courses will equip you with the essential knowledge and 21st century soft skills required in the workplace and this will be consolidated with opportunities to work with local industry during your studies. In addition, Muscat University's Career Centre will prepare you for the world of work through specialist careers advice and workshops throughout your programme. For those already working, our Master's degrees are offered on both a full-time and part-time basis, which will further enhance your skills and knowledge to enable you to progress in your profession.

6) EXPERIENCE A 21ST CENTURY APPROACH TO TEACHING AND LEARNING

All Muscat University academic staff utilize the latest teaching techniques and pedagogical approaches to give you a rich and rewarding student experience. The use of technology enhances your understanding of key concepts during your programme and our virtual learning platforms ensure you will always have access to the latest materials through our e-libraries.

7) BE ASSURED WITH FIRST CLASS SUPPORT SERVICES AND PASTORAL CARE

Muscat University ensures that you study in a supportive and caring environment and that your personal well-being is a number one priority. We have a commitment to providing full academic and personal counselling throughout your studies to support you during your programme.

8) STREAMLINED CUSTOMER SERVICE

Starting with your application and registration, until the day you graduate and beyond, you are supported throughout the administrative process at Muscat University with an integrated one-stop Student Service Centre where you can access all services you require during your student life at Muscat University.

9) TAKE ADVANTAGE OF FINANCIAL ASSISTANCE AND SCHOLARSHIPS

Muscat University is committed to providing scholarships and financial assistance on a case-by-case basis. Please contact us for more information on how we can help you.

MUSCAT UNIVERSITY 2018-2019 ACADEMIC CALENDAR*

	Start Date	End Date
Orientation	9 September 2018	
Term 1	16 September 2018	16 December 2018
Term 2	30 December 2018	21 March 2019
Term 3	14 April 2019	5 July 2019

*May be subject to change.

MSc LOGISTICS AND SUPPLY CHAIN MANAGEMENT

Duration	Study type	Hours	Assessment
1 year / 2 years	Full-time / part-time	200	Taught modules 60%, individual project 40%

PROGRAMME DETAILS

The MSc in Logistics and Supply Chain Management has been developed to fulfil a market demand for highly capable graduates in the field of Logistics and Supply Chain Management. The course further aims to offer personal and specialist skills development to students. This dual degree programme is one of a set of postgraduate programmes designed by Cranfield University and offered at Muscat University. Graduates will be awarded two degrees, one from Cranfield and one from Muscat.

PROGRAMME OBJECTIVES

The MSc in Logistics and Supply Chain Management aims to provide students with:

- An overall appreciation of logistics and supply chain management and its importance to modern business.
- Appropriate technical knowledge in the key areas of logistics and supply chain management.
- An understanding of the analytical and managerial skills that will enable them to apply this knowledge within a business environment.
- An understanding of the need to manage and plan supply chains within an overall business environment in an integrated and coordinated manner.

ADMISSION REQUIREMENTS

- A first or second-class Honours degree in a relevant subject area from a recognised university.
- Relevant work experience in combination with a degree below second class Honours.
- A minimum English language proficiency level equivalent to IELTS 6.5 overall and 6.5 on the written component.

Academic plan

Students will take 15 modules (120 credits) and submit an individual thesis project (80 credits).

MSc Logistics and Supply Chain Management modules			
Core Modules	Credits	Core Modules	Credits
Supply Chain Strategy and Sustainability	10	Retail Logistics	5
Principles of Strategic Procurement	10	Six Sigma	5
Accounting and Finance for Supply Chain Management	10	Sales and Operation Planning	5
Analytical Techniques for Supply Chain Management	10	Performance Measurement in the Supply Chain	5
Freight Transport	10	Research Methods	-
Inventory and Operations Management	10	Thesis	80
Information Systems and e-Business	10		
Project Management Introduction	10		
Physical Network Design	10	TOTAL	200
Warehousing	10		

Disclaimer: Keeping courses up-to-date and current requires constant innovation and change. The modules offered reflect the needs of business and industry and the research interests of staff and, as a result, may change or be withdrawn due to research developments, legislation changes or for a variety of other reasons. Changes may also be designed to improve the student learning experience or to respond to feedback from students, external examiners, accreditation bodies and industrial advisory panels.

Annual Tuition Fees: OMR 8,200

MSc AIR TRANSPORT MANAGEMENT (EXECUTIVE)

Duration	Study type	Credit Hours	Assessment
1 year / 2 years	Full-time / part-time	200	Taught modules 50% Group project 10% Individual project (thesis) 40%

PROGRAMME DETAILS

The Executive MSc in Air Transport Management is designed to deliver advanced and comprehensive knowledge in air transport management strategic issues. It combines air transport theoretical knowledge with an increased focus on leadership and personal development. This dual degree programme is one of a set of postgraduate programmes designed by Cranfield University and offered at Muscat University. Graduates will be awarded two degrees, one from Cranfield and one from Muscat.

PROGRAMME OBJECTIVES

The MSc in Air Transport Management aims to:

- Equip students with the skills required to pursue a successful career in various sectors of the air transport industry including airlines, airport companies and authorities, civil aviation departments, air transport consultancies and aerospace companies.
- Enhance students' skills in air transport management, offering a mode of study that enables them to combine study with work commitments.
- Assist students in meeting the management training needs of existing air transport companies, suppliers, aviation consultants and government regulators.

ADMISSION REQUIREMENTS

Applicants will typically need the following qualifications (or international equivalent) for admission to the programme:

- A first or upper second-class UK Honours degree in any relevant discipline.
- A recognised professional qualification plus a number of years' relevant working experience may be accepted as equivalent.
- An IELTS level of 7.0 or equivalent with no individual IELTS component below 6.0.

Academic plan

Students will take ten modules (100 credits), complete a group project (20 credits) and submit a thesis (80 credits).

MSc Air Transport Management modules			
Core Modules	Credits	Core Modules	Credits
The Airline Business	10	Airline Fleet Planning	10
The Airport Business	10	Airport Operations	10
Professional and Personal Development	10	Group Project	20
Air Transport Economics and Financial Management	10	Individual Research Project (thesis)	80
Research Methods	10		
Strategies for Success	10		
Air Transport Marketing	10	TOTAL	200
Air Transport Market Analysis and Forecasting	10		

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Annual Tuition fee: OMR 8,200

MSc ENERGY SYSTEMS AND THERMAL PROCESSES

Duration	Study type	Hours	Assessment
1 year / 2 years	Full-time/part-time	200	Taught modules 40% Group project 20% (dissertation for part time students) Individual project 40%

PROGRAMME DETAILS

MSc Energy Systems and Thermal Processes is designed to equip graduates and practicing engineers with an in-depth understanding of the fundamental issues of energy thrift and environmental consequences of irrational use of energy resources in the industrial and commercial sectors. This dual degree programme is one of a set of postgraduate programmes designed by Cranfield University and offered at Muscat University. Graduates will be awarded two degrees, one from Cranfield and one from Muscat.

PROGRAMME OBJECTIVES

The MSc in Energy Systems and Thermal Processes aims to:

- Furnish students with the up-to-date technical knowledge and skills required for achieving better management of energy.
- Enhance students' knowledge of designing of energy efficient systems and processes and the reduction and control of pollution cost-effectively.
- Prepare students for a successful career as energy professionals in a wide range of industries, consultancies, research organisations and local and central government departments.

ADMISSION REQUIREMENTS

- A UK second-class Honours degree or its equivalent. Applications from candidates with lesser qualifications but with considerable relevant working experience will be considered.
- A minimum English language proficiency level equivalent to IELTS 6.5. (with a minimum of 6.5 in the writing component).

Academic plan

Students will take eight core modules (80 credits), complete a group project (or dissertation for part-time students) (40 credits) and submit a thesis (80 credits).

Energy Systems and Thermal Processes modules			
Core Modules	Credits	Core Modules	Credits
Heat Transfer	10	Group Project (full time students only)	40 (full-time students)
Industrial Heating Systems	10	Dissertation (part-time students only)	40 (part-time students)
Power Generation System	10	Energy Individual Research Project (thesis)	80
Thermal Systems Operation and Design	10		
Renewable Energy Technologies: Systems	10		
Management for Technology	10		
Computational Fluid Dynamics for Industrial Processes	10	TOTAL	200
Process Measurements Systems	10		

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Annual Tuition Fees: OMR 9,000

MSc PROCESS SYSTEMS ENGINEERING

Duration	Study type	Hours	Assessment
1 year / 2 years	Full-time/part-time	200	Taught modules 40% Group project 20% (dissertation for part time students) Individual project 40%

PROGRAMME DETAILS

Process Systems Engineering is a contemporary engineering discipline that emerged with the main purpose to provide the methods, tools and human capacity that allow industry to meet its needs by tying science to engineering. The MSc programme provides engineering and applied science graduates with current theory and practice of the technical and managerial aspects of process systems. This dual degree programme is one of a set of postgraduate programmes designed by Cranfield University and offered at Muscat University. Graduates will be awarded two degrees, one from Cranfield and one from Muscat

PROGRAMME OBJECTIVES

The MSc in Process Systems Engineering aims to:

- Provide engineering and applied science graduates with current theory and practice of the technical and managerial aspects of process systems
- Equip students with adequate knowledge and experience to deal with the design, operation, optimisation and control of all kinds of chemical, physical, and biological processes through the use of systematic computer-aided approaches.
- Provide employable graduates in a vast range of industries, such as oil and gas, petrochemical, mineral processing, specialty chemicals, food, pharmaceutical, biotechnological, water and energy industries.

ADMISSION REQUIREMENTS

- Applicants will need a first or second-class UK Honours degree (or equivalent) in an engineering or applied science discipline.
- Recognised professional qualifications or several-years relevant industrial experience might be considered.
- an IELTS level of 6.5. or equivalent.

Academic plan

Students take eight core modules (80 credits), complete a group project (dissertation for part-time students) (40 credits) and submit an individual thesis project (80 credits).

Process Systems Engineering modules			
Core Modules	Credits	Core Modules	Credits
Process Plant Operations	10	Group Project (full time students only)	40
Risk and Reliability Engineering	10	Dissertation (part-time students only)	40
Thermal Systems Operation and Design	10	Individual Research Project (thesis)	80
Computational Fluid Dynamics for Industrial Processes	10		
Advanced Control Systems	10		
Process Design and Simulation	10		
Management for Technology	10	TOTAL	200
Process Measurements Systems	10		

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Annual Tuition fee: OMR 9,000

MSc FINANCE AND MANAGEMENT

Duration	Study type	Hours	Assessment
1 year / 2 years	Full-time / part-time	200	Taught modules 60% Individual research project 40%

PROGRAMME DETAILS

The MSc in Finance and Management provides a solid grounding in finance and management principles with rigorous training in relevant tools and techniques and how to apply them in the workplace. This dual degree programme is one of a set of postgraduate programmes designed by Cranfield University and offered at Muscat University. Graduates will be awarded two degrees, one from Cranfield and one from Muscat.

PROGRAMME OBJECTIVES

The MSc in Finance and Management aims to:

- Prepare students for a career in financial services.
- Provide students with a high level of financial skills.
- Give students a rounded view of business and its management.

ADMISSION REQUIREMENTS

Usually candidates must hold either:

- an English-medium undergraduate degree from a recognized university at second-class Honours level or above (or equivalent)
- or a professional qualification (e.g. CIMA, ACA, ACCA) with 5 years' relevant work experience.

Candidates must have:

- exposure to quantitative subjects (mathematics, statistics, engineering, economics etc.) from previous studies or work experience is essential for this course.
- a minimum English language proficiency level equivalent to IELTS 6.5 (with a minimum of 6.5 in the writing component).

Academic plan

Students will take ten core modules (100 credits) and four elective modules (20 credits) and submit a thesis (80 credits).

Finance and Management modules			
Core Modules	Credits	Core Modules	Credits
Accounting & Finance Preparatory course	-	Research Methods in Finance	10
Corporate Finance	10	Corporate Restructuring (elective)	5*
Statistical Analysis in Finance	10	Entrepreneurial Finance (elective)	5*
Accounting	10	Strategic Management Accounting & Control (elective)	5*
Economics for Financial Markets	10	Mergers and Acquisitions (elective)	5*
Organisational Management	10	Private Equity (elective)	5*
Strategic Management	10	Thesis	80
International Corporate Finance	10	TOTAL	200
Valuation & Financial Modelling			
Financial Markets, Regulations & Ethics		<i>*students choose 4 electives</i>	

Disclaimer: Keeping courses up-to-date and current requires constant innovation and change. The modules offered reflect the needs of business and industry and the research interests of staff and, as a result, may change or be withdrawn due to research developments, legislation changes or for a variety of other reasons. Changes may also be designed to improve the student learning experience or to respond to feedback from students, external examiners, accreditation bodies and industrial advisory panels.

Annual Tuition Fees: OMR 8,200

MSc MANAGEMENT AND ENTREPRENEURSHIP

Duration	Study type	Hours	Assessment
1 year / 2 years	Full-time/part-time	200	Taught modules 60%, individual project 40%

PROGRAMME DETAILS

The MSc in Management and Entrepreneurship adds value to applicants' first degrees by providing individuals with integrated and critical awareness of management and organisations, subsequently developing a specialised focus in entrepreneurship, and assisting them in pursuing an entrepreneurial career. This dual degree programme is one of a set of postgraduate programmes designed by Cranfield University and offered at Muscat University. Graduates will be awarded two degrees, one from Cranfield and one from Muscat.

PROGRAMME OBJECTIVES

The MSc in Management and Entrepreneurship aims to:

- Provide students with a comprehensive and advanced understanding of the impact of entrepreneurship and entrepreneurial processes at multi-levels.
- Create opportunities for students to develop critical perspectives on theories and to review and evaluate the appropriateness that underpin the constituent entrepreneurship and management subjects.
- Develop students' capabilities to critically analyse the current issues in the field of management and entrepreneurship.
- Enhance students' lifelong learning through the development of management and entrepreneurship knowledge.

ADMISSION REQUIREMENTS

- An English-medium undergraduate degree from a recognized university at second-class Honours level or above (or equivalent).
- Relevant work experience in combination with a degree below second-class Honours.
- A minimum English language proficiency level equivalent to IELTS 6.5. (with a minimum of 6.5 in the writing component)

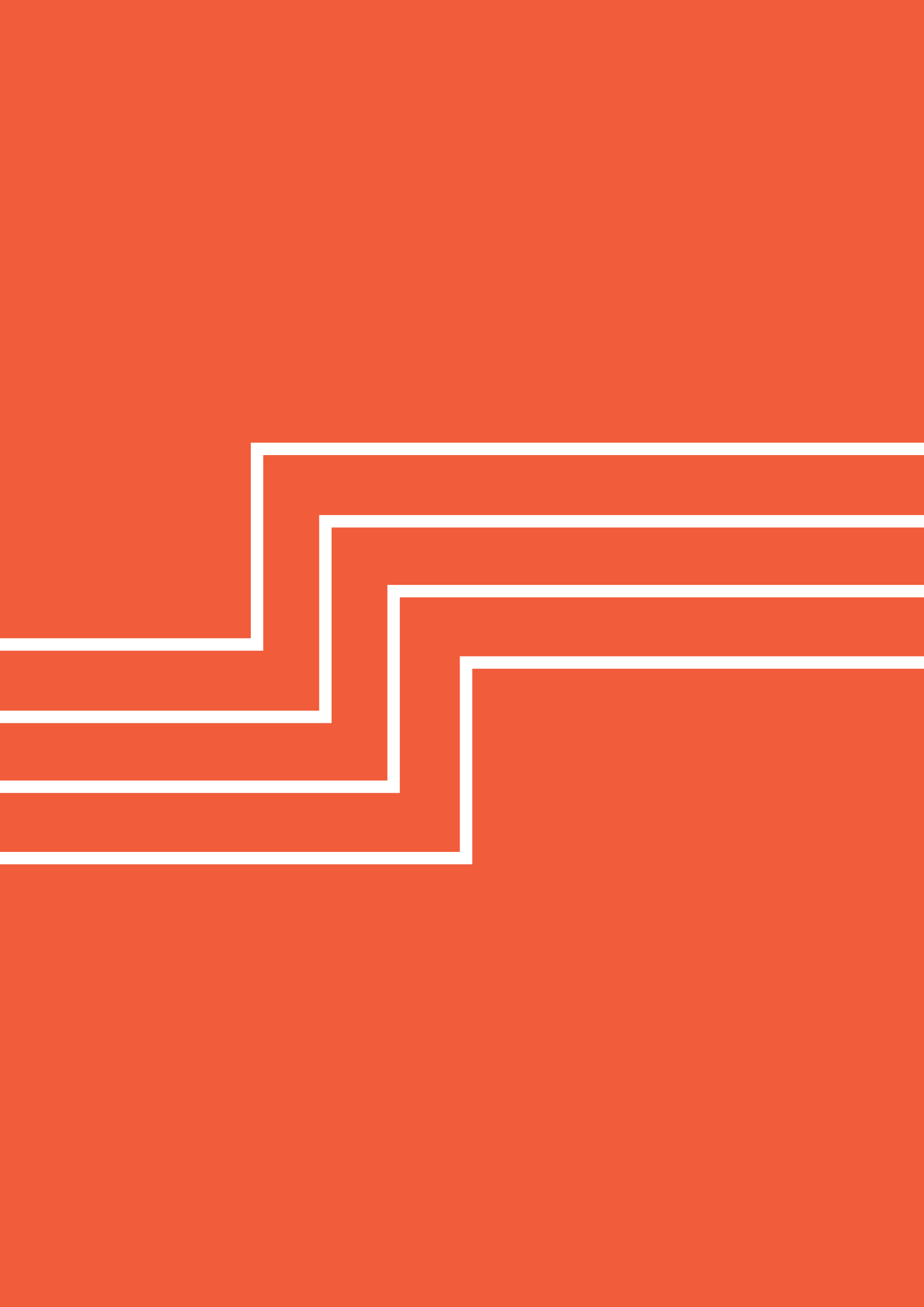
Academic plan

Students will take 12 modules (120 credits) and submit a thesis (80 credits).

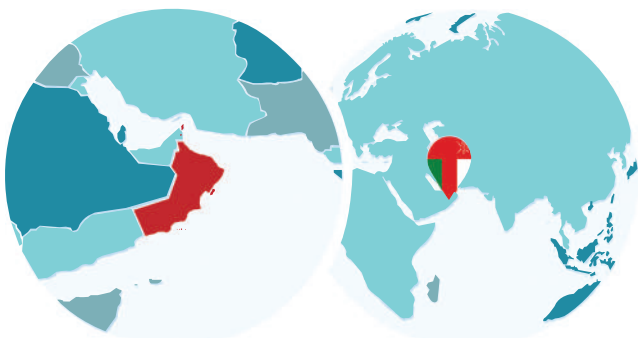
Management and Entrepreneurship modules			
Core Modules	Credits	Core Modules	Credits
Marketing Strategy	10	Managing Business Growth	10
Managing People & Organisations	10	Entrepreneurial Finance	10
Managing Profitability, Liquidity & Asset Utilisation	10	Corporate Entrepreneurship	10
Managing Operations	10	Social Enterprise & Intrapreneurism	10
Entrepreneurship	10	Research Methods & Statistics	-
Family Business Management	10	Thesis	80
Strategic Management	10	TOTAL	200
Disruptive Innovation	10		

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Annual Tuition fee: OMR 8,200



Muscat - Al Ghubrah



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