

Awards:

MSc Engineering Management: The full curriculum (180 credits).

PgDip Engineering Management: Taught modules only (120 credits).

Postgraduate Certificate: Any 60 credits from the taught modules.

Support for Students and their Learning

13.1 The programme administration function is supervised locally by a Programme Manager who oversees the delivery of the modules assisted by a Course Administrator. The Programme Manager manages the course on a day to day basis, overseeing all planning and availability of staff with Heads of Subject Areas and Module Leaders.

13.2 Students are provided with access to IQRA's library (including electronic resources) and computer services centre located on campus. In addition, students can also utilise the resources centre at IQRA University and the computer laboratories in the University.

13.3 Teaching quality is reviewed through regular class visits and evaluation. Class representatives are invited to meetings and students are encouraged to communicate with the Programme Manager so as to identify specific needs. Regular student feedback is obtained using end of module questionnaires and informal meetings as well as formal meetings with the teaching team and student representatives.

13.4 Study skills training on specific topics is arranged regularly to motivate and support students in their learning.

Educational Aims of the Programme

In accordance with the National Qualifications Framework, the MSc Engineering Management programme aims to develop in students:

- a systematic understanding of knowledge, and a critical awareness of current problems and/or new insights, much of which is at, or informed by, the forefront of Engineering Management theory and practice
- a comprehensive understanding of techniques applicable to their own research or advanced scholarship
- originality in the application of knowledge, together with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in Engineering Management
- conceptual understanding that enables the student to evaluate critically current research and advanced scholarship in Engineering Management; and
- to evaluate methodologies and develop critiques of them and, where appropriate, to propose new hypotheses
- enhancement of lifelong learning skills and personal development so as to be able to work with self-direction and originality and to contribute to business and society at large.



Program Specification

For

MSc Engineering Management

at

Iqra University IU

IQRA University, Pakistan

Programme Structure and Requirements, Levels, Modules, Credits and Awards

Programme of Study Modules	Credits
ECM14EKM Lean Operations	15
ECM61EKM Product Development Process	15
ECM70EKM Engineering Strategic Management	15
ECM25EKM Supply Chain Management	15
ECM28EKM Project Management	15
ECM56EKM Entrepreneurship and Innovation	15
ECM68EKM Sustainability and Environmental Management Systems	15
ECM29EKM Quality Management and 6-Sigma	15
ECM95CS MSc Project (including Research Methods)	60

£ 3000 UK Sterling. Fee can be paid in installments

Criteria for Admission

An applicant to the programme will normally be expected to possess at least one of the following:

an honours degree in any subject with a minimum of lower second class honours

a Bachelors (4-year) degree with a minimum CGPA of 2.5 (max 4.0)

a Bachelors (3-year) degree with a minimum CGPA of 3.0 (max 4.0)

a relevant professional qualification of an equivalent level

a lower qualification plus at least five years relevant working experience at a professional level

Applicants whose first language is not English or whose previous qualification was not taught and assessed in English must provide evidence of attainment in English Language by achieving an IELTS score of at least 6.0 or an equivalent qualification.

Module code	Module Name	cw	KU			C S		PS			TS							
			1	2	3	1	2	1	2	3	1	2	3	4	5	6	7	
ECM14EKM	Lean Operations	100		X	X				X								X	X
ECM61EKM	Product Development Process	100		X		X			X		X	X	X	X			X	X
ECM70EKM	Engineering Strategic Management	100	X	X		X	X	X	X				X				X	X
ECM25EKM	Supply Chain Management	100		X	X												X	X
ECM28EKM	Project Management	100			X		X	X	X	X	X	X					X	X
ECM56EKM	Entrepreneurship and Innovation	100				X		X				X	X	X	X	X	X	X
ECM68EKM	Sustainability and Environmental Management Systems	100			X		X		X								X	X
ECM29EKM	Quality Management and 6-Sigma	100			X		X		X								X	X
ECM95CS	MSc Project	100				X	X	X	X	X	X	X	X	X			X	

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Intended Learning Outcomes for the Programme

QAA for Higher Education statement on Masters programmes

"Masters level

Much of the study undertaken at Masters level will have been at, or informed by, the forefront of an academic or professional discipline. Students will have shown originality in the application of knowledge, and they will understand how the boundaries of knowledge are advanced through research. They will be able to deal with complex issues both systematically and creatively, and they will show originality in tackling and solving problems.

They will have qualities needed for employment in circumstances requiring sound judgement, personal responsibility and initiative, in complex and unpredictable professional environments."

Extract from: The framework for higher education qualifications in England, Wales and Northern Ireland, January 2001

This programme satisfies the requirements of the Quality Assurance Agency for Higher Education as stated above and also complies with the University's Code of Practice for Academic and Professional Skills Development.