

Course Specification

Course Summary Information		
1	Course Title	MSc Project Management
2	BCU Course Code	PT0937
3	Awarding Institution	Birmingham City University
4	Teaching Institution(s) (if different from point 3)	
5	Professional Statutory or Regulatory Body (PSRB) accreditation (if applicable)	Association for Project Management (APM)

6	Course Description
	Our MSc Project Management course will help you gain technical and non-technical project management skills, to equip for your successful entry into the professional world of project management. Accredited by the Association of Project Management (APM), our course addresses the key concerns of project management, ensuring you graduate with the skills the industry demands. The skills that you gain will have an emphasis on engineering and industrial industries, but will also be transferrable across several different sectors to ensure that you become one of tomorrow's leading managers in variety of industrial sectors. As part of the course, you will develop these skills to an advanced level, which will make you a highly skilled and capable of managing complex industrial projects. There is a continued demand for competent, versatile postgraduates who can use industrial applications, develop and implement innovative solutions for the manufacturing and industrial sectors. What's covered in the course? This course will encourage your creative thinking, and the development of engineering and project management skills through teamwork, discussion and peer review. You will develop new skills to an advanced level, becoming a highly skilled manager capable of administering major projects within and across different engineering and industrial settings. The modules are tailored keeping in mind the modern world technological and environmental changes, to equip you for your area of interest and desired sector. In addition to further academic research opportunities, career prospects are expected to keep pace with the rapid advances in engineering and project management methods and intelligent based technologies, hence, there is expected to be continuing demand for competent, versatile postgraduates who can design and implement innovative solutions for industry.

7	Course Awards		
7a	Name of Final Award	Level	Credits Awarded
	Master of Science Project Management	7	180
	Master of Science Project Management with Professional Placement	7	240
7b	Exit Awards and Credits Awarded		
	Postgraduate Certificate Project Management	7	60
	Postgraduate Diploma Project Management	7	120

8	Variation from the University Regulations
	Not applicable

9	Delivery Patterns			
Mode(s) of Study		Location(s) of Study	Duration of Study	Code(s)
Full Time September		City Centre	12 months	PT0937
Full Time June		City Centre	12 months	PT0937
Part Time September		City Centre	24 months	PT0943
Part Time January		City Centre	28 months	PT0936
Full Time with Professional Placement		City Centre (and placement provider)	18 months	PT1329

10	Entry Requirements
	The admission requirements for this course are stated on the course page of the BCU website at https://www.bcu.ac.uk/ .

11	Course Learning Outcomes
Knowledge and Understanding	
1	Concepts, theories and principles of engineering and project management, and professional practice.
2	The skills of analysis, synthesis and decision making in the resolution of project challenges.
3	Project management methodologies, innovation and creativity in management across the extended enterprise and global arena.
4	The structure of industrial systems and how these systems may be used to meet the varying demands placed on companies.
5	Organisational configuration to achieve more rapid responsiveness to a changing global environment.
Cognitive and Intellectual Skills	
6	Argue rationally and draw independent conclusions based on a rigorous, analytical and critical approach developed on the basis of engineering and project management principles and practices, to support an argument.

7	Write fully researched and referenced engineering projects' reports which evaluate both technical and management issues.
8	Synthesise theory and practice systematically and creatively to specify, design and implement effective solutions.
9	Demonstrate, in an analysis of a specified engineering and/or project management problem, a high level of competence and understanding of the data manipulation, information presentation and delivery.
10	Apply new engineering and project management technologies and techniques to solve present and future industrial and commercial problems nationally and internationally.
Practical and Professional Skills	
11	Access information from a variety of sources and appraise its suitability for master's level research.
12	Apply the knowledge, skills and methodologies of project management and engineering techniques to analyse and provide solutions to complex problems.
13	Possess a defined body of knowledge, skills and understanding and analyse its relationships with conceptual frameworks and professional practice.
14	Reflect on personal attributes, both theoretical and practical, and modify approach to maximise learning opportunities.
15	Interpret and critically evaluate knowledge, concepts and ideas and/or forms of creative expression, to deliver a quality project, product or service.
Key Transferable Skills	
16	Manage learning and self-development, including time management and prioritising of work when tackling and solving complex problems.
17	Communicate effectively in writing, orally and in presentations to specialist and non-specialist audiences.
18	Make effective use of IT including word and data processing packages, internet and electronic information sources.
19	Systematically research a topic, synthesise and critically evaluate data and information from a variety of web-based and traditional sources.
20	In cooperation with others, plan and implement tasks at a professional level and contribute to team goals through making sound judgements.

12	Course Requirements																														
12a	Level 7: <i>In order to complete this course a student must successfully complete all the following CORE modules (totalling 180 credits):</i> <table><tr><th>Module Code</th><th>Module Name</th><th>Credit Value</th></tr><tr><td>ENG7142</td><td>Research Methods</td><td>20</td></tr><tr><td>ENG7226</td><td>Engineering Resource Planning</td><td>20</td></tr><tr><td>ENG7223</td><td>Project Procurement and Contracts</td><td>20</td></tr><tr><td>ENG7227</td><td>Operations Engineering and Logistics</td><td>20</td></tr><tr><td>ENG7224</td><td>Engineering Project Management</td><td>20</td></tr><tr><td>ENG7225</td><td>Product Development and Distribution</td><td>20</td></tr><tr><td>ENG7200</td><td>Individual Master's Project</td><td>60</td></tr></table> Level 6: In order to qualify for the award of MSc Project Management with Professional Placement, a student must successfully complete all of the Level 7 modules listed above as well as the following Level 6 module: <table><tr><th>Module Code</th><th>Module Name</th><th>Credit Value</th></tr><tr><td>PLA6004</td><td>Professional Placement</td><td>60</td></tr></table>	Module Code	Module Name	Credit Value	ENG7142	Research Methods	20	ENG7226	Engineering Resource Planning	20	ENG7223	Project Procurement and Contracts	20	ENG7227	Operations Engineering and Logistics	20	ENG7224	Engineering Project Management	20	ENG7225	Product Development and Distribution	20	ENG7200	Individual Master's Project	60	Module Code	Module Name	Credit Value	PLA6004	Professional Placement	60
Module Code	Module Name	Credit Value																													
ENG7142	Research Methods	20																													
ENG7226	Engineering Resource Planning	20																													
ENG7223	Project Procurement and Contracts	20																													
ENG7227	Operations Engineering and Logistics	20																													
ENG7224	Engineering Project Management	20																													
ENG7225	Product Development and Distribution	20																													
ENG7200	Individual Master's Project	60																													
Module Code	Module Name	Credit Value																													
PLA6004	Professional Placement	60																													

12b Structure Diagrams

Level 7

Full Time September

Year 1 1st Semester of study (Sept - Dec)	Operations Engineering and Logistics (20 credits)	Engineering Project Management (20 credits)	Product Development and Distribution (20 credits)
Year 1 2nd Semester of study (Jan – May)	Research Methods (20 credits)	Engineering Resource Planning (20 credits)	Project Procurement and Contracts (20 credits)
Year 1 3rd Semester of study (June – Aug)	Individual Project (60 credits)		

Full Time June

Year 1 1st Semester of study (June-Aug)	Research Methods (20 credits)	Engineering Resource Planning (20 credits)	Project Procurement and Contracts (20 credits)
Year 1 2nd Semester of study (Sept – Dec)	Operations Engineering and Logistics (20 credits)	Engineering Project Management (20 credits)	Product Development and Distribution (20 credits)
Year 1 3rd Semester of study (Jan - May)	Individual Project (60 credits)		

September Part-Time

Year 1 1st Semester (Sept – Dec)	Product Development and Distribution (20 credits)	Engineering Project Management (20 credits)
Year 1 2nd Semester (Jan – May)	Research Methods (20 credits)	Project Procurement and Contracts (20 credits)
Year 2 1st Semester (Sept – Dec)	Operations Engineering and Logistics (20 credits)	
Year 2 2nd Semester (Jan – May)	Engineering Resource Planning (20 credits)	Individual Master's Project (60 credits)
Year 2 3rd Semester (May – Aug)		

January Full-time

Year 1 1st Semester of study (Jan – May)	Operations Engineering and Logistics (20 credits)	Engineering Project Management (20 credits)	Product Development and Distribution (20 credits)
Year 1 2nd Semester of study (June- Aug)	Research Methods (20 credits)	Engineering Resource Planning (20 credits)	Project Procurement and Contracts (20 credits)
Year 1 3rd Semester of study (Sept - Dec)	Individual Project (60 credits)		

January Part-Time

Year 1 1st Semester (Jan – May)	Product Development and Distribution (20 credits)	Engineering Project Management (20 credits)
Year 1 2nd Semester (Sept – Dec)	Project Procurement and Contracts (20 credits)	Engineering Resource Planning (20 credits)

Year 2 1st Semester (Jan – May)	Research Methods (20 credits)	
Year 2 2nd Semester (Sept – Dec)	Operations Engineering and Logistics (20 credits)	Individual Master's Project (60 credits)
Year 3 1st Semester (Jan – May)		

With Professional Placement - Full-time

Year 1 1st Semester of study (Jan – May)	Operations Engineering and Logistics (20 credits)	Engineering Project Management (20 credits)	Product Development and Distribution (20 credits)
Year 1 2nd Semester of study (June – Aug)	Research Methods (20 credits)	Engineering Resource Planning (20 credits)	Project Procurement and Contracts (20 credits)
Year 1 3rd Semester of study (Sept – Dec)	Individual Project (60 credits)		
Year 2 1st semester of study (Jan – May)	Professional Placement (60 credits)		

13 Overall Student Workload and Balance of Assessment

Overall student *workload* consists of class contact hours, independent learning and assessment activity, with each credit taken equating to a total study time of around 10 hours. While actual contact hours may depend on the optional modules selected, the following information gives an indication of how much time students will need to allocate to different activities at each level of the course.

- *Scheduled Learning* includes lectures, practical classes and workshops, contact time specified in timetable
- *Directed Learning* includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning
- *Private Study* includes preparation for exams

The *balance of assessment* by mode of assessment (e.g. coursework, exam and in-person) depends to some extent on the optional modules chosen by students. The approximate percentage of the course assessed by coursework, exam and in-person is shown below.

Level 7

Workload

14% time spent in timetabled teaching and learning activity

Activity	Number of Hours
Scheduled Learning	252
Directed Learning	12
Private Study	1536
Total Hours	1800

Balance of Assessment

Assessment Mode	Percentage
Coursework	65%
Exam	14%
In-Person	21%