

<b>Full Title</b>	Research Project		
<b>Status</b>	Uploaded to Banner	<b>Start Term</b>	2017
<b>NFQ Level</b>	08	<b>ECTS Credits</b>	10
<b>Module Code</b>	MGMT08061	<b>Duration</b>	Semester - (13 Weeks)
<b>Grading Mode</b>		<b>Department</b>	Physical & Life Sciences
<b>Module Author</b>	Seamus Lennon		

### Module Description

An independent project is completed by the learner. The project is normally based in an industrial setting under the joint supervision of an academic supervisor and a workplace supervisor. This module will help the learner to develop their project management skills, team-working and communication skills and enable them to progress their knowledge by developing the skills required to complete more advanced projects.

### Learning Outcomes

**On completion of this module the learner will/should be able to:**

1. Source scientific literature and access relevant information through the use of journals, books, abstracts, inter-library loans, the Internet and other electronic media.
2. Selectively abstract, synthesize and collate relevant information.
3. Develop a project plan and perform the necessary investigative work.
4. Select appropriate experimental or other methodologies, and present reasoned argument and draw appropriate conclusions from their research work.
5. Present a dissertation, and deliver an oral presentation on their project work.
6. Answer technical and other questions on the work conducted and the placement experience

### Indicative Syllabus

Completion of an industry-based project.  
 A major literature survey on the research topic/area of work experience.  
 Design and performance of laboratory or other research work, collation of information and preparation of a risk assessment of the work done, if applicable.  
 Preparation of a written dissertation on the work.  
 Delivery of an oral presentation on the project work.

### Teaching and Learning Strategy

Planning and execution of relevant project work.  
 Literature Review of research topic.  
 Self-directed learning.  
 Academic and industry supervisor assigned to each student.  
 Development of project management skills.  
 Development of numerous soft skills, e.g. communication, teamwork, organizational skills, time-management skills, risk assessment skills.

### Assessment Strategy

Workplace performance; maintenance of a Log Book / Laboratory Note Book; presentation of a written dissertation; oral presentation. The

industrial supervisor has a role in assessment. See the Project handbook for more details on the assessment strategy.

### Repeat Assessment Strategies

Arranged on an individual basis and at the discretion of the programme board.

Indicative Coursework and Continuous Assessment:		100 %		
<i>Form</i>	<i>Title</i>	<i>Percent</i>	<i>Week (Indicative)</i>	<i>Learning Outcomes</i>
Oral Exam	Oral Examination	40 %	Week 15	1,2,3,4,5,6
Assessment	Project work	10 %	OnGoing	1,2,3,4
Assessment	Presentation	20 %	Week 15	1,2,3,4,5,6
Written Report	Project written dissertation	30 %	Week 15	1,2,3,4,5,6

Part Time Delivery Mode Average Weekly Workload:			0.30 Hours		
<i>Type</i>	<i>Description</i>	<i>Location</i>	<i>Hours</i>	<i>Frequency</i>	<i>Weekly Avg</i>
Placement	Project	Not Specified	100	Once Per Semester	7.69
Supervision	Supervision hours	Not Specified	0.3	Weekly	0.30

### Literary Resources

Judith Bell 2014 Doing Your Research Project: A Guide For First-Time Researchers Open University Press. ISBN-10 0335264468 ISBN-13 9780335264469

Gary Thomas 2017 How to do your research project: A guide for students. Sage publications. ISBN-10 1473948877. ISBN-13 978-1473948877

John A Sharp 2002 The Management of a student research project. Routledge, 3rd edition, 2002. ISBN-10 0566084902. ISBN-13 978-0566084902

GMIT guidelines for thesis writing

Specific reading material as directed by project supervisors

Project handbook

### Programme Membership

GA\_SQUAG\_H08 201700 Bachelor of Science (Honours) in Quality For Industry

GA\_SQMDG\_N08 201700 Certificate in Quality for the Medical Device Industry