

De Montfort University

Course Template

1. Basic information

- Course Name: Environmental Quality Management
- Course Code: SC097T
- Level (UG, PG): Postgraduate Taught
- Academic Period: 2015
- Faculty: HLS - Faculty of Health & Life Sciences
- Department: School of Allied Health Sciences
- PMB ALHE
- Offered at: DM - DMU Leicester
- Type (single, joint.): SI
- Highest Award : Master of Science
- All possible exit awards : Institutional Postgraduate Credit; Postgraduate Certificate; Postgraduate Diploma
- Award notes :

Professional Body Recognition

- Accreditation by Professional/Statutory body:

No

- Exemption by Professional/Statutory body:

No

- Details

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- Modes of attendance: Main MOA: Distance Learning
Other MOA:
- Mode Notes: The course commences three times a year, normally October, February & June.
- Course leader: Rachael Wimshurst

2. Entry Requirements and Profile

A minimum of a 2:1 Honours degree in Science, Technology or Environmental Health or a related subject, from a recognised university or similar institution

Professional membership, obtained by exam, of the Chartered Institution of Water and Environmental Management, the Institute of Waste Management, the Diploma in Environmental Protection of the Royal Society of Health, NE BOSH Environmental Diploma, or a recognised scientific society or engineering institution

You are expected to have access to the internet, a CD -ROM and printer

If you do not meet the entry criteria you are actively encouraged to apply for the Environmental Protection BSc (Hons)

If English is not your first language an IELTS score of 6.5 or equivalent when you start the course is essential. English language tuition, delivered by our British Council accredited Centre for English Language Learning, is available both before and during the course if you need it.

3. Course Description

Characteristics and Aims

The EQM programme aims to produce postgraduates who can recognise and respond to
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increasing environmental performance requirements within industry and regulatory authorities. Success students will be experienced in a breadth of subdiscipline, namely water, air, waste management, environmental management developed into an integrated pollution prevention control policy specifically oriented to the needs of industry and regulatory authorities.

The principal objectives of the overall course scheme are to:

provide a defined matrix of study areas from which students can choose individual, yet coherent, programmes of study,

assist in the achievement of personal objectives relating to academic and professional standing,

extend knowledge, understanding and skills in the fundamental principles, methodologies and implications of Environmental Quality Management .

Teaching, Learning and Assessment Strategies

Students will develop the capacity for self-directed study and independent learning and they will also improve their time management skills.

The programme will also develop students understanding and judgement, their problem solving skills, their ability to communicate, their ability to see relationships within what they have learned and to perceive their learning in a broader perspective.

These elements will produce environmental managers competent in their particular sphere who also have defined intellectual and imaginative powers.

4. Outcomes

Generic outcome headings	What a student should know and be able to do upon completion of the course
<ul style="list-style-type: none"> Knowledge & understanding 	<p>Define pollution and pollutants; obtain, analyse and comment critically on data on environmental quality; appreciate environmental cycles and circulation rates; explain distribution, dispersion, conversion and concentration mechanisms for pollutants within the environment,</p> <p>Discuss the concepts of pollution sources, targets, pathways and sinks; understand the legal framework for the management of the environment; to consider how the control of emissions in one domain may have implications for other domains of the environment; execute an environmental audit and specify methods for minimising emissions through process modifications,</p> <p>Explain the rationale for setting limit values for pollutants; recognise the health and safety implications associated with environmental pollution control;</p> <p>Appreciate the international and global implications of environmental pollution and the resultant control programmes required.</p>
<ul style="list-style-type: none"> Cognitive skills 	<p>Students will be expected to demonstrate the use of primary, secondary or tertiary sources, articulation of argument and a balance of</p>

	judgement. Emphasis will also be given to a professional standard of presentation.
• Subject specific skills	In each chosen discipline students will demonstrate a professional level of competence. They will have the fundamental underpinning knowledge and the ability to apply that knowledge to various scenarios.
• Key Skills	§ Use of IT for communication and knowledge acquisition § Communication skills, orally and written § Capacity for professional development § Ability to work individually and as a team § Ability to manage self, and others

5. Structure and Regulations

Relationship Details

<u>Module</u>	<u>Credits</u>	<u>Level</u>	<u>Take/Pass</u>	<u>Semester</u>	<u>Locations</u>	
CHEM5501	30.00	5	Must Pass	1, 2, X	DM	
CHEM5502	30.00	5	Must Pass	1, 2, X	DM	
CHEM5503	30.00	5	Must Pass	1, 2, X	DM	
CHEM5504	30.00	5	Must Pass	1, 2, X	DM	
CHEM5505	30.00	5	Must Pass	1, 2, X	DM	
CHEM5506	60.00	5	Must Pass	1, 2, X, SX, SY, SSY	DM	
CHEM5507	30.00	5	Must Pass	1, 2, X	DM	

Structure

Structure notes

1 Each taught double module is designed to be studied over 15 weeks. At the start of each module the students will be issued with the units and the assignments. The units and assignments are completed away from the University, giving the student the flexibility to arrange their studies to suit.

Course Specific Differences or Regulations

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Numbers at sites, including partner institutions

1

Relevant QAA Subject Benchmarking statement(s)

1

6. Quality Assurance Information

QA of Workbased Learning

N/A

Liaison with Collaborative Partners

N/A

Procedures for Maintaining Standards

As per DMU policies.

Course Handbook Descriptor