



<b>Course Code</b> ENVM-496	<b>Course Title</b> Individual Research Project	<b>ECTS Credits</b> 6
<b>Department</b> Life and Health Sciences	<b>Semester</b> Spring	<b>Prerequisites</b> None
<b>Type of Course</b> Major Requirement	<b>Field</b> Environmental and Energy Management	<b>Language of Instruction</b> English
<b>Level of Course</b> 1 <sup>st</sup> Cycle	<b>Year of Study</b> 4 <sup>th</sup>	<b>Lecturer(s)</b> Dr Marios Valiantis
<b>Mode of Delivery</b> face-to-face	<b>Work Placement</b> N/A	<b>Co-requisites</b> None

## **Objectives of the Course:**

To enable students to:

- carry out an extended, in-depth study of a research topic
- develop skills in initiating, organising and executing a major project-based assignment
- use investigative skills and develop new research skills
- develop logical, reasoned argument and critical thinking
- further develop clear communication in written, oral and visual form
- practice a range of Graduate Skills, including discipline specific skills, at a depth appropriate to Year 4.

## **Learning Outcomes:**

Upon completion of this course, students will:

- a) design and carry out a research project
- b) carry out secondary research, using published and other sources
- c) prepare a research proposal
- d) prepare and deliver a short oral presentation in a style and quality appropriate to a research seminar
- e) present the findings of the project in a style and quality appropriate to a research project
- f) structure their research work to meet deadlines, involving effective time management with the support of their supervisor

- g) undertake and present a bibliographic review of current published material on their research topic
- h) research information (literature, field data, laboratory data, interview/questionnaire responses, etc.)
- i) analyse information collected in order to address the hypotheses/questions/problems/issues associated with the aim(s) and objectives of the project
- j) interpret and draw conclusions from the collected information (and at higher levels; within the context of existing, published material)
- k) propose possible avenues for future study

**Course Content:**

The Individual Research Project represents an important component in your undergraduate studies. It allows students to carry out an in-depth independent research-based investigation, guided by a supervisor, on one topic area. In addition to the specialist research skills that are developed, there are valuable graduate skills that will be practised.

**Teaching Methods:**

Lectures, In-class exercises, In-class discussions and homework

**Assessment Methods:**

Assignments, mid-term exam, final exam

**Required Textbooks:**

<b>Authors</b>	<b>Title</b>	<b>Publisher</b>	<b>Year</b>	<b>ISBN</b>
Bell, J.	<i>Doing your research project: a guide for first-time researchers in Education, Health and Social Science. (4th ed.)</i>	Open University Press	2005	
Jones, A.	<i>Practical skills in environmental science.</i>	Prentice Hall.	2000	
Murray, N & Hughes, G.	<i>Writing up your university assignments and research projects: a practical handbook.</i>	McGraw-Hill Open University Press	2008	