**Liverpool** John Moores University

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|---|---|
| Title: | Environmental sciences |
| Status: | Definitive |
| Code: | **4001ENVCPH** (121589) |
| Version Start Date: | 01-08-2021 |
| Owning School/Faculty: | Public Health Institute |
| Teaching School/Faculty: | Public Health Institute |

| Team | Leader |
|---|---|
| Ivan Gee | Y |
| Graeme Mitchell | |

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| **Academic Level:** | FHEQ4 | **Credit Value:** | 20 | **Total Delivered Hours:** | 50 |
| **Total Learning Hours:** | 200 | **Private Study:** | 150 | | |

**Delivery Options**
Course typically offered: Semester 2

| Component | Contact Hours |
|---|---|
| Lecture | 44 |
| Off Site | 4 |

**Grading Basis:** 40 %

**Assessment Details**

| Category | Short Description | Description | Weighting (%) | Exam Duration |
|---|---|---|---|---|
| Exam | ASS1 | 2 hour unseen exam | 60 | 2 |
| Report | ASS2 | 2000 word report | 40 | |

**Aims**

*To provide students with an understanding of the range of stressors and their impact on the living and built environment*

**Learning Outcomes**

After completing the module the student should be able to:

1 Explain the structure and function of major systems within the human body and the disease process
2 Discuss biological processes in relation to the environment, and the basic principles of ecology, including the biosphere and its systems.

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

| | | |
|---|---|---|
| 2 hour unseen exam | 1 | 2 |
| 2000 word report | 2 | |

## Outline Syllabus

*The relationships between humans and their environment. Basic scientific terminology and exploration of key body systems and common related diseases. Fundamental principles of ecology, the biosphere and its processes, including, climate change and concepts of recycling and renewal. Natural resources and how they are used in society, sustainability and health.*

## Learning Activities

Interactive lectures and presentations, guided reading, student led discussions, field trip and Canvas.

## Notes

This module allows students to gain an insight into how environmental stressors impact on the human body and the living environment. There will also be a field trip to a sewage treatment plant, composting facility, restored landfill site or similar venue to explore the ecological processes employed.