

Liverpool John Moores University

Title: THE LIVING AND BUILT ENVIRONMENT
Status: Definitive
Code: **4001ENVHEA** (116474)
Version Start Date: 01-08-2014

Owning School/Faculty: Centre for Public Health
Teaching School/Faculty: Centre for Public Health

Team	Leader
Ivan Gee	Y
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Academic Level: FHEQ4 **Credit Value:** 24.00 **Total Delivered Hours:** 46.00
Total Learning Hours: 240 **Private Study:** 194

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	36.000
Off Site	4.000
Seminar	4.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	exam		40.0	2.00
Report	report		30.0	
Presentation	presentati		30.0	

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:

- LO1 Explain the structure and function of major systems within the human body and the disease process
- LO2 Discuss biological processes in relation to the environment, and the basic principles of ecology, including the biosphere and its systems.
- LO3 Identify the methods of construction and common defects found in the built environment.

Learning Outcomes of Assessments

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

biology and ecology	LO 1	LO 2
environmental stressors	LO 2	
housing project	LO 3	

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. Housing construction methods, environmental noise associated with housing, common defects in housing construction.

Learning Activities

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

References

Course Material	Book
Author	Thibodeau, G.A. and Patton, K.T
Publishing Year	
Title	'The Human Body in Health and Disease.' 4th edition
Subtitle	
Edition	
Publisher	Elsevier (2005)

ISBN	
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Course Material	Book
Author	Memmler, R.L. and Janson Cohen, B.
Publishing Year	
Title	'The Human Body in Health and Disease.' 10th edition
Subtitle	
Edition	
Publisher	Lippincott, Williams and Wilkins (2005)
ISBN	

Course Material	Website
Author	D'Alessandro, M.P
Publishing Year	
Title	'Anatomy Atlases: A digital Library of Anatomy Information'
Subtitle	
Edition	
Publisher	http://www.anatomyatlases.org
ISBN	

Course Material	Website
Author	Intellimed
Publishing Year	
Title	'Human Anatomy Online'
Subtitle	
Edition	
Publisher	http://www.innerbody.com/htm/body.html
ISBN	

Course Material	Book
Author	Townsend, CR
Publishing Year	
Title	'Essentials of Ecology' 2nd edition
Subtitle	
Edition	
Publisher	Oxford: Blackwell (2003)
ISBN	

Course Material	Reports
Author	Building Research Establishment
Publishing Year	
Title	Surveyor's checklist for rehabilitation of traditional housing.
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Book
Author	Carr
Publishing Year	
Title	The housing act: a practical guide
Subtitle	
Edition	
Publisher	Jordan (2005)
ISBN	

Course Material	Book
Author	University of the West of England
Publishing Year	
Title	A brief history of housing.
Subtitle	
Edition	
Publisher	
ISBN	

Course Material	Book
Author	Landon, M
Publishing Year	
Title	Environmental Health and Sustainable Development
Subtitle	
Edition	
Publisher	Open University Press (2006)
ISBN	

Notes

This module allows students to gain an insight into how environmental stressors impact on the human body, the living environment and the built environment. It will also examine the relationship between health and the built environment, exploring common construction problems and the impacts on public health. 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.