

Liverpool John Moores University

Title: UNDERSTANDING POPULATIONS
Status: Definitive
Code: **4002UGPUBH** (113057)
Version Start Date: 01-08-2014

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

Team	Leader
Graeme Mitchell	Y

Academic Level: FHEQ4 **Credit Value:** 15.00 **Total Delivered Hours:** 24.00
Total Learning Hours: 150 **Private Study:** 126

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	24.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Manipulation and presentation of basic data	50.0	
Essay	AS2	Group presentation: Case study of cemetery demography	50.0	

Aims

- 1. To introduce students to the basic principles of demography*
- 2. To enhance key skills in numeracy, interpreting and assessing quantitative data, and presenting technical information to an audience*

Learning Outcomes

After completing the module the student should be able to:

- 1 Describe the population approach to health
- 2 Explain how demographic variation occurs through changes to birth and death rates, and the effects of migration
- 3 Locate sources of demographic data
- 4 Present and review basic demographic data

Learning Outcomes of Assessments

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

Essay	1	3	4
Case Study	1	2	4

Outline Syllabus

Introduction to demographic methods and concepts
Numbers, rates, proportions and ratios
Sources of population data
Demographic counting and crude rates
The dynamics of population growth
effects of different age and sex structures on society

Learning Activities

Interactive lectures, guided reading and BlackBoard

References

Course Material	Book
Author	Rowland, D.T.
Publishing Year	2003
Title	Demographic methods and concepts
Subtitle	
Edition	
Publisher	Oxford University Press
ISBN	

Course Material	Book
Author	Weeks, J.R.
Publishing Year	2005
Title	Population: an introduction to concepts and issues
Subtitle	
Edition	
Publisher	Wadsworth Publishing

ISBN	
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Course Material	Book
Author	Office of National Statistics
Publishing Year	2006
Title	National Statistics Online
Subtitle	Home of Official UK Statistics
Edition	
Publisher	http://www.statistics.gov.uk
ISBN	

Course Material	Book
Author	Wilmoth, J.R. and Shkolnikov, V.
Publishing Year	1996
Title	The Human Mortality Database
Subtitle	
Edition	
Publisher	http://www.mortality.org
ISBN	

Course Material	Book
Author	North West Public Health Observatory web site
Publishing Year	0
Title	
Subtitle	
Edition	
Publisher	http://www.nwph.net/nwpho/default.aspx
ISBN	

Notes

This module focuses on the key measures and techniques used in studying populations, including their behaviour and how they change. It provides the basic analytical foundation for later modules.