Sheffield Hallam University

MODULE DESCRIPTOR

TITLE	Epidemiology of Diet and Disease
MODULE CODE	44-6871-00L / 44-601471
LEVEL	6
CREDITS	20
FACULTY	Sheffield Business School
DEPARTMENT	Service Sector Management
SUBJECT GROUP	Food
MODULE LEADER	Jenny Paxman
DATE OF APPROVAL	2nd December 2015

MODULE AIM

Registered Nutritionists (AfN) need to have a good grasp of nutritional epidemiology. This module aims to outline the core principles of epidemiological enquiry relevant to nutrition, illustrating the complexities of nutritional epidemiology and its applicability to public health practice via relevant examples.

MODULE LEARNING OUTCOMES

LO	Learning Outcome
1	Identify the role and relevance of epidemiology in nutritional science.
2	Critically appraise nutritional research and appreciate the limitations of commonly used epidemiological tools.
3	Evaluate the epidemiological evidence linking diet to various aspects of health and disease.
4	Develop learning and communication skills, and formulate ideas and opinions about nutritional epidemiology, including those relevant to graduate employment.

INDICATIVE CONTENT

- The history of epidemiology
- The emergence and relevance of Nutritional epidemiology
- Commonly used epidemiological tools
- Study designs relevant to nutritional research
- Concepts central to the interpretation of epidemiological evidence, including how to apply epidemiological evidence in practice
- The epidemiological evidence for a range of health and disease states (e.g. circulatory diseases, skeletal diseases, cancer, GI diseases, oral health and diabetes)
- Exploration and debate of published nutritional research
- Academic reading skills, presenting oral communications and collecting, integrating and presenting knowledge from a variety of sources

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LEARNING, TEACHING AND ASSESSMENT STRATEGY AND METHODS

Students will be supported in their learning, to achieve the above outcomes, in the following ways:

Formal lectures and seminar sessions

This module will be delivered via a mix of lectures and seminars and supported by open learning (detailed below). Lectures will be utilised to deliver core content. Seminars will be a mixture of tutor-led and student-led and will explore both the core concepts central to nutritional epidemiology and particular diet-related health and disease states.

Supported open learning

Students are expected to participate in supported open learning throughout the module. Supported open learning includes the reading of key texts and additional paper-based materials.

Resources

The module will make use of a range of materials. Typically, students will have access to:

- A module "booklet" containing the module outline, details of the programme of study, directed readings and assessments;
- Relevant ICT applications;
- Appropriate academic literature;
- A module 'BlackBoard' site.

ASSESSMENT DESCRIPTION

Task 1: Students will complete a 15 minute oral presentation and submit supporting documentation

Task 2: Student will complete and exam

ASSESSMENT PATTERN - TASK INFORMATION (STANDARD ASSESSMENT MODEL)

Task No.*	Description of Assessment Task	Task Weighting %	Word Count or Exam Duration**	Sub-tasks Y/N+	IMR^ Y/N	Final Task Y/N
1	Oral Communication with supporting documentation	70	15 minutes	N	N	N
2	Exam	30	1 hours (+ 10 minutes reading time)	N	N	Y

ANY ADDITIONAL REQUIREMENTS FOR THIS MODULE

None

FEEDBACK TO STUDENTS

Students will receive feedback on their performance in the following ways:

- Formative feedback will be offered orally throughout the module, in particular during staff-led (student participatory) seminars;
- Feedback for assessed coursework will be provided to students within the standard timeframe agreed by the Faculty/ University. Staff will identify an overall percentage, and provide a highlighted marking grid identifying things that the student did well, as well as areas where they might improve;
- Exam marks will be available via My Student Record. If required, oral feedback on exam performance can be offered to students on a one-to-one basis by exceptional appointment.

LEARNING RESOURCES FOR THIS MODULE (INCLUDING READING LISTS)

The online resource list for this module is available at https://shu.rl.talis.com/lists/DD719BD1-A33D-9C61-D040-A0CD34AE5A1F.html?draft. This list is available on the module Blackboard site (Support resources section) or through the Library Gateway link to reading lists https://shu.rl.talis.com/ (search by name of the module or module code).

Recommended Texts

- Yarnell, J. & O'Reilly, D. (Eds.) (2013) *Epidemiology and Disease Prevention: a global approach (2nd ed.).* Oxford, Oxford University Press.

Supplementary and Alternative Texts

- Beaglehole, R., Bonita, R. & Kjellstrom, T. (1993). *Basic Epidemiology,* World Health Organisation, Geneva.
- Bhopal, R. (2008). *Concepts of Epidemiology (2nd Ed).* UK, Oxford University Press.
- Gibney, M.J., Elia, M., Ljungqvist O. & Dowsett, J. (Eds.). (2005). *Clinical Nutrition*, Nutrition Society Textbook, UK, Blackwell Publishing.
- *Gibney, M.J., Lanham-New, S., Cassidy, A. & Vorster, H.H. (Eds.). (2009). Introduction to Human Nutrition (2nd Ed.) Nutrition Society Textbook, UK, Blackwell Publishing.*
- Gibney, M.J., Margetts, B.M., Kearney, J.M. & Arab, L. (Eds.). (2004). *Public Health Nutrition.* Nutrition Society Textbook, UK, Blackwell Publishing.
- Greenhalgh, T. (2010). *How to Read a Paper (4th ed.).* West Sussex, John Wiley & Sons.
- Langseth, L. (1996). *Nutritional Epidemiology: possibilities and limitations* Published ILSI Press. Available online at: Http://europe.ilsi.org/file/Ilsiepid.pdf
- Margetts, B.M. & Nelson, M. (Eds.). (1997). *Design Concepts in Nutritional Epidemiology (2nd ed.).* Oxford, Oxford University Press.
- Porta, M. (2008) *A Dictionary of Epidemiology (5th Ed).* UK, Oxford University Press.
- Willett, W. (Ed.). (2013). *Nutritional Epidemiology (3rd Ed)*. New York, Oxford University Press.

Periodicals – The following journals are indicative only – you will find that the library subscribes to a wide range of journals, with many available online.

- British Medical Journal (BMJ)
- American Journal of Clinical Nutrition

- European Journal of Clinical Nutrition
- Journal of the American Medical Association (JAMA)
- Lancet
- British Journal of Nutrition

Internet sources –

http://www.associationfornutrition.org/
http://www.nutrition.org.uk/
http://www.sacn.gov.uk/
http://www.nutritionsociety.org/

RESEARCH MODULES ONLY:
DOES MODULE REQUIRE APPROVAL OF FACULTY RESEARCH ETHICS COMMITTEE? NO

MODULE STUDY HOURS (KEY INFORMATION SET)

Module Study Hours - Breakdown of Hours by Type		
Scheduled Learning and Teaching Activity type*	**Hours by type**	**KIS category**
Lecture	24	Scheduled L&T
Seminar	12	Scheduled L&T
Practical classes and workshops	6	Scheduled L&T
Scheduled Learning and Teaching Activities sub-total	**42**	
Guided Independent Study	158	Independent
Total Number of Study Hours (based on 10 hours per credit)	**200**	

REVISIONS

Date	**Reason**
09/01/2018	DB2SSM11-1718