

MODULE SPECIFICATION

1. Overview

Academic Year (student cohort covered by specification)	2019-20			
Module Code	2055			
Module Title	Fundamental Public Health Nutrition			
Module Organiser(s)	Suzanne Filteau, Cecile Knai (maternity leave), Kerry Ann Brown			
Faculty	EPH			
FHEQ Level	7			
Credit Value	CATS	35	ECTS	17.5
HESA Cost Centre	tbc			
HECoS Code	tbc			
Term of Delivery	Term 1			
Mode of Delivery	Face to face			
Mode of Study	Full time			
Language of Study	English			
Pre-Requisites	None, although students without nutrition backgrounds are advised to check material suggested in their letter of acceptance			
Accreditation by Professional Statutory and Regulatory Body	Not currently accredited by any other body.			
Module Cap (Maximum number of students)	Numbers may be capped if > 40 due to limitations in facilities or staffing			
Target Audience	This module is compulsory for the MSc in Nutrition for Global Health. Partial Registration (partial participation) by LSHTM research degree students is allowed for this module.			
Module Description	Basic overview of public health nutrition from biology through to policy			
Duration	10 weeks at 1.5 days per week			
Timetabling slot	Term 1			
Last Revised (e.g. year changes approved)	Small revisions made annually but larger overhaul in 2016 when S Filteau and C Knai took over as module organisers			

2. Programme(s) that this module is part of

Programme <i>(Lead programme first)</i>	Status <i>(Compulsory/Recommended Option)</i>
Nutrition for Global Health	Compulsory

3. Module Aim and Intended Learning Outcomes

Overall aim of the module
<p>The overall module aim is to:</p> <ul style="list-style-type: none"> To introduce major principles of the science of nutrition and their applications focusing on nutritional needs, and the assessment of dietary and nutritional status of individuals and populations.

Module Intended Learning Outcomes
<p>By the end of this module, students should be able to understand, critically discuss and where appropriate, implement the following concepts and tools:</p> <ol style="list-style-type: none"> 1. The processes of ingestion, digestion, absorption, metabolism, and utilisation of nutrients and other food constituents by the body 2. The principles of setting, defining and meeting macro- and micro-nutrient requirements 3. The factors that influence dietary patterns and food choices, including social, cultural and economic determinants 4. The genetic and epigenetic determinants of nutritional needs 5. The available methods for the assessment of food availability, dietary intake, food quality and dietary patterns relevant to health and nutritional status 6. The available methods for the assessment of nutritional status 7. The processes involved in establishing nutrient recommendations and food based dietary guidelines for optimal health and nutrition of populations groups 8. Global trends in food supply and dietary patterns, and their impact on health and nutrition of populations 9. Food and nutrition policy processes and options

4. Indicative Syllabus

Session Content
<p>The module is expected to cover the following topics:</p> <ul style="list-style-type: none"> • Concepts, methods and principles of nutritional science relevant to public health • Dietary intake and energy expenditure methods • Food composition tables and food balance sheets • Nutritional assessment methods • Nutrition and infection • Nutrition transition, food quality and food security • Food and nutrition policy • Background information essential for more specific discussion of public health nutrition in Terms 2 and 3

5. Teaching and Learning

Notional Learning Hours		
Type of Learning Time	Number of Hours	Expressed as Percentage (%)
Contact time	87	25%
Directed self-study	123	35%
Self-directed learning	70	20%
Assessment, review and revision	70	20%
Total	350	100%

Teaching and Learning Strategy	
<p>The teaching and learning strategy is based on a combination of lectures followed by seminars/or practical sessions. In the seminars/practical sessions students have the opportunity to apply the concepts and methods covered in the lectures immediately following the lectures. Student-led seminars provide students with “hands on” experience in facilitation and peer to peer learning, with an important opportunity to consolidate their learning across the whole module.</p>	
<p>Indicative Breakdown of Contact Time</p>	
Type of delivery	Total (hours)
Lecture	69
Seminar	12
Tutorial	
Computer Practical	
Laboratory Practical	
Nutritional assessment methods practicals	6
Fieldwork	
Project Supervision	
Total	87

6. Assessment

Assessment Strategy

Formal assessment of this module is by written examination (Paper 1) in June.

Two optional formative assessments are provided during the module:

- Multiple choice test on material from the first half of the module which can be done during the November reading week
- Practice paper 1 questions from the previous year's exams, offered at the end of the module (December)

Summative assessment

Assessment Type	Assessment Length (i.e. Word Count, Length of presentation in minutes)	Weighting (%)	Intended Module Learning Outcomes Tested
Exam (Papers 1 & 2)	Paper 1	100%	all

Resitting assessment

Resits will accord with the LSHTM's [Resits Policy](#)

Resit/deferred/new attempts will take place during the summer term in early/mid June in the following academic year.

Assessment being replaced	Approved Alternative Assessment Type	Approved Alternative Assessment Length (i.e. Word Count, Length of presentation in minutes)
n/a	n/a	n/a

7. Resources

Indicative reading list (if applicable)

Information about each session and key references for the module available to all students on Moodle once registered to the module.

8. Teaching for Disabilities and Learning Differences

Apart from facilities available to all students such as recorded lectures via Panopto, the module provides additional support for students with disabilities as recommended by the student advisory service's Student Disability Handbook. Reasonable adjustments and support can be arranged, such as rest breaks and additional time for completing assignments, or any other necessary provisions discussed and agreed with the Student Advisor.