Module Specification

ABOUT THIS DOCUMENT

This module specification applies for the academic year 2018-19
Last revised 20 Sep 2017 by Craig Higgins
London School of Hygiene & Tropical Medicine, Keppel St., London WC1E 7HT.  www.lshtm.ac.uk

GENERAL INFORMATION

<table>
<thead>
<tr>
<th>Module name</th>
<th>Fundamental Public Health Nutrition</th>
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<tbody>
<tr>
<td>Module code</td>
<td>2055</td>
</tr>
<tr>
<td>Module Organiser</td>
<td>Cécile Knai, and Suzanne Filteau</td>
</tr>
<tr>
<td>Contact email</td>
<td><a href="mailto:Cecile.Knai@lshtm.ac.uk">Cecile.Knai@lshtm.ac.uk</a> or <a href="mailto:Suzanne.Filteau@lshtm.ac.uk">Suzanne.Filteau@lshtm.ac.uk</a></td>
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<tr>
<td>Home Faculty</td>
<td>Epidemiology &amp; Population Health</td>
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<tr>
<td>Level</td>
<td>Level 7 (postgraduate Masters 'M' level) of the QAA Framework for Higher Education Qualifications in England, Wales &amp; Northern Ireland (FHEQ).</td>
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<td>Credit</td>
<td>35 credits, within the larger 60-credit Term 1 super-module for each MSc programme. Credits are not awarded for this module individually, but only for successful completion of the Term 1 super-module.</td>
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<tr>
<td>Accreditation</td>
<td>Not currently accredited by any other body.</td>
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<tr>
<td>Keywords</td>
<td>Nutrition; food; measuring health status; globalization; quantitative methods; international/global.</td>
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AIMS, OBJECTIVES AND AUDIENCE

<table>
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<tr>
<th>Overall aim</th>
<th>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.</th>
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</table>
| Intended learning outcomes | By the end of this module, students should be able to understand, critically discuss and where appropriate, implement the following concepts and tools:  
  - The processes of ingestion, digestion, absorption, metabolism, and utilisation of nutrients and other food constituents by the body  
  - The principles of setting, defining and meeting macro- and micro-nutrient requirements  
  - The factors that influence dietary patterns and food choices, including social, cultural and economic determinants  
  - The genetic and epigenetic determinants of nutritional needs  
  - The available methods for the assessment of food availability, dietary intake, food quality and dietary patterns relevant to health and nutritional status  
  - The available methods for the assessment of nutritional status |
- The processes involved in establishing nutrient recommendations and food based dietary guidelines for optimal health and nutrition of populations groups
- Global trends in food supply and dietary patterns, and their impact on health and nutrition of populations
- Food and nutrition policy processes and options

**Target audience**
This module is compulsory for the MSc in Nutrition for Global Health.

**CONTENT**

**Session content**
The module is expected to include sessions addressing the following topics:
- 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

**TEACHING, LEARNING AND ASSESSMENT**

**Study resources provided or required**
Information about each session and key references for the module available on Moodle.

**Teaching and learning methods**
Teaching consists of 30 half day sessions. Teaching methods include lectures, group participation, practicals, discussions with invited experts.

**Assessment details**
Formal assessment of this module is by written examination.

**Assessment dates**
Written examinations will take place during the summer term in early/mid June.
Resit/deferred/new attempts will take place during the summer term in late early/mid June in the following academic year.

**Language of study and assessment**
English (please see 'English language requirements' below regarding the standard required for entry).

**TIMING AND MODE OF STUDY**

**Duration**
10 weeks at 1.5 days per week

**Dates**
Mondays (all day) and Wednesday morning

**Timetable slot**
Term 1

**Mode of Study**
The module is taught face-to-face in London. Both full-time and part-time students follow the same schedule.

**Learning time**
The notional learning time for the module totals 350 hours, consisting of:
- Contact time ≈ 110 hours
- Directed self-study ≈ 110 hours
- Self-directed learning ≈ 60 hours
- Assessment, review and revision ≈ 70 hours

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<tr>
<th>APPLICATION AND ADMISSION</th>
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<tr>
<td><strong>Pre-requisites</strong></td>
<td>None, although students without nutrition backgrounds are advised to check material suggested in their letter of acceptance</td>
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<td><strong>English language requirements</strong></td>
<td>A strong command of the English language is necessary to benefit from studying the module. Applicants whose first language is not English or whose prior university studies have not been conducted wholly in English must fulfil LSHTM’s <a href="#">English language requirements</a>.</td>
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<tr>
<td><strong>Student numbers</strong></td>
<td>20-40 (numbers may be capped due to limitations in facilities or staffing)</td>
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<td><strong>Student selection</strong></td>
<td>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. Preference will be given to LSHTM MSc students and LSHTM research degree students. Other applicants meeting the entry criteria will usually be offered a place in the order applications are received, until any cap on numbers is reached. Applicants may be placed on a waiting list and given priority the next time the module is run.</td>
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