MODULE DESCRIPTOR

Module Title

Nutritional Epidemiology

Reference	PLM414	Version	1
Created	June 2022	SCQF Level	SCQF 11
Approved	August 2020	SCQF Points	15
Amended	August 2021	ECTS Points	7.5

Aims of Module

To enable students to critically evaluate the methods and findings of nutritional epidemiology relevant to the associations between diet and chronic disease, and the recommendations for the prevention of chronic disease that are based on nutritional epidemiology.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1	Critically explore the demographic statistics relating to chronic disease.
2	Critically discuss the epidemiological and experimental evidence for the involvement of diet, and other principal risk factors, in the aetiology and pathogenesis of chronic disease.
3	Synthesise findings from nutritional epidemiology to produce dietary recommendations for the prevention of chronic disease and improvement of human health.

Indicative Module Content

Role of epidemiology in nutrition research and critical evaluation of epidemiological data. Sources of routine health data collection such as disease registers and health surveys, and the development of guidelines. The role of nutrition in the aetiology and prevention of chronic diseases such as cardiovascular disease, cancer, obesity, diabetes, dental disease, osteoporosis, gastrointestinal diseases and dementia.

Module Delivery

Online learning comprising self-directed learning materials, such as videos and reading, supported by synchronous sessions with peers and academic staff.

Module Ref:		PLM414 v1

Indicative Student Workload	Full Time	Part Time
Contact Hours	10	10
Non-Contact Hours	140	140
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3
Description:	Report				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

Component 1 (CW1) comprises 100% of the module grade. A minimum of Module Grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Completion of PLM401, Introduction to Human Nutrition
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

1 BUTTRISS, J. et al., 2018. *Public health nutrition.* 2nd ed. Chichester: Wiley Blackwell.

2 LOVEGROVE, J.A. et al., eds., 2015. *Nutrition research methodologies.* Chichester: Wiley Blackwell.

3 SCOTTISH INTERCOLLEGIATE GUIDELINES NETWORK, 2017. *SIGN 149. Risk estimation and the prevention of cardiovascular disease: a national clinical guideline.* Edinburgh: SIGN.

4 SCOTTISH INTERCOLLEGIATE GUIDELINES NETWORK, 2015. *SIGN 142. Management of osteoporosis and the prevention of fragility fractures: a national clinical guideline.* Edinburgh: SIGN.

5 SCOTTISH INTERCOLLEGIATE GUIDELINES NETWORK, 2010. *SIGN 115. Management of obesity: a national clinical guideline.* Edinburgh: SIGN.

6 STRATTON, R.J. et al., 2013. *Clinical nutrition.* 2nd ed. Chichester: Wiley Blackwell.

7 WORLD CANCER RESEARCH FUND / AMERICAN INSTITUTE FOR CANCER RESEARCH, 2018. *Diet, nutrition, physical activity and cancer: a global perspective. Continuous Update Project Expert Report.* Available from: https://www.wcrf.org/dietandcancer