

## MODULE DESCRIPTOR

### Module Title

Introduction To Research

Reference	PL2009	Version	1
Created	May 2022	SCQF Level	SCQF 8
Approved	June 2022	SCQF Points	15
Amended	August 2021	ECTS Points	7.5

### Aims of Module

To develop skills and understanding of the research process and enable preparation for and confidence in undertaking and critically evaluating research.

### Learning Outcomes for Module

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

- 1 Demonstrate understanding of the research process, including research philosophy and governance.
- 2 Evaluate different research methodologies and analytical techniques.
- 3 Search and appraise published literature.

### Indicative Module Content

Principles of hypothesis generation, study design, sample selection, data management, statistical analysis and interpretation; compliance with research ethics and governance processes and policies; qualitative and quantitative research methodologies; systematic reviews; meta- and pooled-analyses; critical appraisal of the literature; grading of evidence; research protocols; information sheets; consent forms; ethics approval; construction of a research instrument; intellectual property issues.

### Module Delivery

Theoretical material is delivered by lectures. Workshops and tutorials will provide opportunities for practical application and development of skills.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	30	N/A
Non-Contact Hours	120	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**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 via virtual laboratory software

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

Component 1 (CW1) comprises 100% of the module grade. A minimum of a 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: None, in addition to SCQF level 8 entry requirements or equivalent.  
 Corequisites for module: None.  
 Precluded Modules: None.

**INDICATIVE BIBLIOGRAPHY**

- 1 CROMBIE, I. 1996. *The pocket guide to critical appraisal*. 1st edition. London: BMJ Publications.
- 2 PETRIE, A. and SABIN, C. 2009. *Medical statistics at a glance*. 3rd edition. Oxford: Wiley-Blackwell.
- 3 Lovegrove J (2015) *Nutrition Research Methodologies*. 1st edition. Nutrition Society. Chichester: Wiley Blackwell
- 4 Reeves S (2022) *The Study Skills Handbook for Nutritionists and Dietitians*. Open University Press: London, UK