

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