

MODULE DESCRIPTOR

Module Title

Introduction To Research

| | | | |
|-----------|-------------|-------------|--------|
| Reference | AS2009 | Version | 2 |
| Created | August 2021 | SCQF Level | SCQF 8 |
| Approved | May 2019 | 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.

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

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|--------------------------|---|
| Prerequisites for Module | Successful completion of Stage 1 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 COGGON, D., ROSE, G. and BARKER, D.J.P., 1997. *Epidemiology for the Uninitiated*. 5th edition Publisher: BMJ Books
- 4 CAMPBELL, M.J. and SWINSCOW, T.D.V. 2009. *Statistics at square one*. 11th edition. Oxford: Wiley-Blackwell.