

| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Module Title: | Research Methods 3 |
| Language of Instruction: | English |
| Credits: | 5 |
| NFQ Level: | 8 |
| Module Delivered In | No Programmes |
| Teaching & Learning Strategies: | This module will be delivered over 15 weeks consisting of 2 theory lectures of 1 hour duration and 2 practical classes of 1 hour duration. Practical classes will be taught in a computer lab with SPSS and will include project planning, scientific writing and reading development tasks. The theory classes will include lectures, Q&A and group discussion. |
| Module Aim: | To teach the student the necessary research skills to undertake a research project and dissertation. |
| Learning Outcomes | |
| <i>On successful completion of this module the learner should be able to:</i> | |
| LO1 | Formulate a research project with due consideration for the necessities of sound study design |
| LO2 | Complete a research proposal |
| LO3 | Select, perform and interpret appropriate statistical analyses on research data. |
| LO4 | Critique peer reviewed research, interpret and synthesise research findings. |
| Pre-requisite learning | |
| Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i> | |
| No recommendations listed | |
| Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i> | |
| No incompatible modules listed | |
| Co-requisite Modules | |
| No Co-requisite modules listed | |
| Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i> | |
| Successful completion of year 2/3 or equivalent | |

Module Content & Assessment

| |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Indicative Content |
| Basic research concepts n/a |
| How to present the research problem n/a |
| Formulating the method n/a |
| Ethical issues in research n/a |
| Statistical Concepts and Analysis n/a |
| Research variables n/a |
| Descriptive research n/a |
| Writing the research report Development of scientific writing and active reading. |
| Ways of reporting research n/a |
| Practical The students will have practical classes where they will learn data entry into SPSS, perform parametric and non-parametric analysis using SPSS and interpret statistical analysis outputs from SPSS |

| | |
|----------------------------------|----------|
| Assessment Breakdown | % |
| Continuous Assessment | 10.00% |
| Project | 50.00% |
| End of Module Formal Examination | 40.00% |

| |
|--------------------------------------------------------------------------------------------|
| Special Regulation |
| Students must achieve a minimum grade (35%) in both the practical/CA and final examination |

| | | | | |
|------------------------------|-------------------------------|--------------------------|-------------------|------------------------|
| Continuous Assessment | | | | |
| <i>Assessment Type</i> | <i>Assessment Description</i> | <i>Outcome addressed</i> | <i>% of total</i> | <i>Assessment Date</i> |
| Examination | SPSS exam | 3 | 10.00 | n/a |

| | | | | |
|------------------------|-----------------------------------|--------------------------|-------------------|------------------------|
| Project | | | | |
| <i>Assessment Type</i> | <i>Assessment Description</i> | <i>Outcome addressed</i> | <i>% of total</i> | <i>Assessment Date</i> |
| Project | Project Proposal and Study Design | 1,2,3,4 | 50.00 | Sem 1 End |

| |
|--------------|
| No Practical |
|--------------|

| | | | | |
|-----------------------------------------|-------------------------------|--------------------------|-------------------|------------------------|
| End of Module Formal Examination | | | | |
| <i>Assessment Type</i> | <i>Assessment Description</i> | <i>Outcome addressed</i> | <i>% of total</i> | <i>Assessment Date</i> |
| Formal Exam | 2 hour exam | 1,3,4 | 40.00 | End-of-Semester |

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

| Workload: Full Time | | |
|----------------------------|-----------------------|------------------------------------------------|
| <i>Workload Type</i> | <i>Frequency</i> | <i>Average Weekly Learner Workload</i> |
| Lecture | 30 Weeks per Stage | 1.00 |
| Laboratory | 30 Weeks per Stage | 1.00 |
| Estimated Learner Hours | 30 Weeks per Stage | 1.33 |
| Total Hours | | 100.00 |

