



Module Definition Form (MDF)

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| Module code: MOD002819 | Version: 11 Date Amended: 13/Oct/2025 |
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| 1. Module Title |
| Project Preparation |

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| 2a. Module Leader |
| James Edgar |

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| 2b. School |
| School of Life Sciences |

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| 2c. Faculty |
| Faculty of Science and Engineering |

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| 3a. Level |
| 5 |

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| 3b. Module Type |
| Standard (fine graded) |

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| 4a. Credits |
| 15 |

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| 4b. Study Hours |
| 150 |

| 5. Restrictions | | | |
|--|--|-------------|-----------|
| Type | Module Code | Module Name | Condition |
| Co-requisites: | None | | |
| Exclusions: | None | | |
| Courses to which this module is restricted: | Forensic Science and Crime and Investigative Studies | | |

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

The culmination of your degree is your final year project, where you perform research into an area of interest to you. To prepare you for this, you will be guided on the selection of a suitable project.

You will then be provided with the skills you need for your project, such as understanding research questions, hypothesis creation, identifying appropriate research methods, carrying out a literature review and project planning. You will be introduced to managing risk and understanding ethical issues. You will also become familiar with different research methods, data collection and the type of statistical analysis that can be performed. You will be allocated a project supervisor and you will also gain experience of projects by having the opportunity to listen to the project presentations by final year students. Your learning will mainly be self-managed as you develop your own research ideas and plan the project with reference to the literature. If you are interested in a career with any form of research capability, then your learning here is invaluable, regardless of your career path and industry.

6b. Outline Content

- Choosing an appropriate topic for a project - Using published literature - Writing a literature review and project plan - Gaining awareness of appropriate hazards and costs

6c. Key Texts/Literature

The reading list to support this module is available at: <https://readinglists.aru.ac.uk/>

6d. Specialist Learning Resources

None

7. Learning Outcomes (threshold standards)

| No. | Type | On successful completion of this module the student will be expected to be able to: |
|-----|---|---|
| 1 | Knowledge and Understanding | Critically review the scientific literature to develop a valid scientific question. |
| 2 | Intellectual, practical, affective and transferrable skills | Develop a programme of work incorporating appropriate and viable methods needed to address the scientific question. |
| 3 | Intellectual, practical, affective and transferrable skills | Apply appropriate project management skills in the design of the project, to be carried out in an ethical and safe manner, and within an appropriate timescale and budget |
| 4 | Intellectual, practical, affective and transferrable skills | Analyse, interpret and present data using the appropriate scientific conventions and methods. |

| 8a. Module Occurrence to which this MDF Refers | | | | |
|--|------------|---|----------|------------------|
| Year | Occurrence | Period | Location | Mode of Delivery |
| 2025/6 | ZZF | Template For Face To Face Learning Delivery | | Face to Face |

| 8b. Learning Activities for the above Module Occurrence | | | |
|---|-------|-------------------|--|
| Learning Activities | Hours | Learning Outcomes | Details of Duration, frequency and other comments |
| Lectures | 11 | 1-4 | 11 x 1 hr lecture |
| Other teacher managed learning | 25 | 1-4 | 1 x 2 hour tutorial 4 x 2 hour workshops 1 x 8 hour conference day Ethics Quiz (2 hours) 3 hours blended online learning Supervisor meetings (2 hours) |
| Student managed learning | 114 | 1-4 | Private studies |
| TOTAL: | 150 | | |

| 9. Assessment for the above Module Occurrence | | | | | |
|---|-------------------|-------------------|---------------|-------------------------|---------------------|
| Assessment No. | Assessment Method | Learning Outcomes | Weighting (%) | Fine Grade or Pass/Fail | Qualifying Mark (%) |
| 010 | Coursework | 1-4 | 0 (%) | Pass/Fail | 100 (%) |
| Risk Assessment quiz and Ethics Application quiz | | | | | |

| Assessment components for Element 010 | | | | |
|---------------------------------------|-------------------------|---|---------------|---|
| Component No. | Assessment Title | Submission Method | Weighting (%) | Components needed for Mark Calculation? |
| 010/1 | Risk Assessment Quiz | Scheduled Activity: Timetabled assessment task | 50 (%) | All |
| 010/2 | Ethics Application Quiz | Scheduled Activity: Timetabled assessment task | 50 (%) | |

| Assessment No. | Assessment Method | Learning Outcomes | Weighting (%) | Fine Grade or Pass/Fail | Qualifying Mark (%) |
|----------------|-------------------|-------------------|---------------|-------------------------|---------------------|
| 011 | Coursework | 1-4 | 100 (%) | Fine Grade | 30 (%) |

Project Proposal (2000 words) and In-Class Test (1000 words equivalent)

Assessment components for Element 011

| Component No. | Assessment Title | Submission Method | Weighting (%) | Components needed for Mark Calculation? |
|---------------|------------------|--|---------------|---|
| 011/1 | Project Proposal | Canvas | 70 (%) | All |
| 011/2 | In-Class-Test | Scheduled Activity: Timetabled assessment task | 30 (%) | |

In order to pass this module, students are required to achieve an overall mark of 40% (for modules at levels 3, 4, 5 and 6) or 50% (for modules at level 7*).

In addition, students are required to:

- (a) achieve the qualifying mark for each element of fine graded assessment as specified above**
- (b) pass any pass/fail elements**

[* the pass mark of 50% applies for all module occurrences from the academic year 2024/25 – see Section 3a of this MDF to check the level of the module and Section 8a of this MDF to check the academic year]