

Module code: MOD003455		Version: 7 Date Amended: 07/Apr/2025	
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1. Module Title	
Professional and Ethical Practice	

2a. Module Leader	
Grisha Pirianov	

2b. School	
School of Life Sciences	

2c. Faculty	
Faculty of Science and Engineering	

3a. Level	
7	

3b. Module Type	
Standard (fine graded)	

4a. Credits	
15	

4b. Study Hours	
150	

5. Restrictions			
Type	Module Code	Module Name	Condition
Pre-requisites:	None		
Co-requisites:	None		
Exclusions:	None		
Courses to which this module is restricted:	MSc Applied Bioscience		

LEARNING, TEACHING AND ASSESSMENT INFORMATION

6a. Module Description

This module is designed to develop the key employability skills necessary for a successful career in applied bioscience research or industry (or related fields). You will build on the essential communication skills required, both oral and written, such as presentations, posters, scientific articles. You will be expected to attend school research seminars, and actively contribute to group discussions at Masters level.

You will delve into ethical issues relevant to applied bioscience research or industry, especially within the context of medical diagnostics. These topics will be explored in depth through discussions and case studies. The module will be delivered by a variety of interactive taught sessions both in the classroom and through the Learning Management System (LMS) to ensure a dynamic and engaging learning experience.

6b. Outline Content

- Ethical issues associated with the application of biosciences in industry (with focus on the medical field e.g. stem cell therapy, genetic modification)
- Key research skills
- Plagiarism in science
- Safety in practice
- Employability skills

6c. Key Texts/Literature

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

6d. Specialist Learning Resources

Students will have access to the Anglia Ruskin library (including access to the digital library) and computer facilities.

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	Develop a comprehensive understanding of how to present scientific material in a professional manner.
2	Knowledge and Understanding	Demonstrate a thorough understanding of current ethical and legal issues relevant to the application of bioscience in industry.
3	Intellectual, practical, affective and transferrable skills	Be able to present a detailed case study on a relevant topic of applied bioscience in industry, based on a sound research base.
4	Intellectual, practical, affective and transferrable skills	Be able to contribute to a series of discussions and offer critical evaluation of material presented by peers.

8a. Module Occurrence to which this MDF Refers				
Year	Occurrence	Period	Location	Mode of Delivery
2026/7	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	22	1-4	11 x 2 hr/week
Other teacher managed learning	14	1-4	11 x 1 hr seminar + 3 hr revision
Student managed learning	114	1-4	Background reading, online activities, preparation for lectures and practicals, and completion of assessments
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	50 (%)	Fine Grade	40 (%)
Case study presentation (1500 word equivalent)					
Assessment No.	Assessment Method	Learning Outcomes	Weighting (%)	Fine Grade or Pass/Fail	Qualifying Mark (%)
011	Examination Cambridge	1-4	50 (%)	Fine Grade	40 (%)
Written formal examination: 1.5 hours					

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]