

## MODULE DESCRIPTOR

### Module Title

Bioscience And Society

Reference	AS3121	Version	2
Created	August 2021	SCQF Level	SCQF 9
Approved	February 2018	SCQF Points	15
Amended	August 2021	ECTS Points	7.5

### Aims of Module

To provide students with the ability to evaluate key issues relating to the impact of science on society.

### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Evaluate key elements of the impact of bioscience on society.
- 2 Discuss the importance of science communication and engagement.
- 3 Interpret and debate a contemporary, controversial research issue influencing bioscience in society.

### Indicative Module Content

This module is flexible and dependent on which bioscience issues have a contemporary interest. Science and Tradition. Government Policies and Policy-Making. Disclosure of Scientific Knowledge including Peer Review, Open Access, Protection of Intellectual Property. Formation of Scientific Controversy and Consensus. Science and Societal, Environmental and Economic Benefits. Science and Ethics. Science and the Media. Science and Animals. Practices of Science Communication and Public Engagement.

### Module Delivery

Lectures, tutorials and student-led seminars.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	18	N/A
Non-Contact Hours	132	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: 50% Outcomes Assessed: 1, 2  
 Description: Component 1 is an article on a topical issue in bioscience on society.

**Component 2**

Type: Coursework Weighting: 50% Outcomes Assessed: 3  
 Description: Component 2 is a debate on a topical issue in bioscience on society.

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

The first grade represents Component 1 (CW1) equally weighted with the second, Component 2 (CW2). A minimum of Module Grade D is required to pass the module, with compensation of grade E in Component 1 or Component 2 permitted. Non-submission of either component will result in an NS grade.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	AA, AB, BA
<b>B</b>	AC, AD, BB, BC, CA, CB, DA
<b>C</b>	AE, BD, BE, CC, CD, DB, DC, EA, EB
<b>D</b>	CE, DD, DE, EC, ED
<b>E</b>	AF, BF, CF, DF, EE, EF, FA, FB, FC, FD, FE
<b>F</b>	FF
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	Successful completion of Stage 2 of the course or equivalent.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 HOLLIMAN, R., *Practising science communication in the information age: Theorising professional practices (Communicating science in the information age)*. Current Edition. New York: Oxford University Press.
- 2 GREGORY, J., *Science in public: Communication, culture and credibility*. Current Edition. Cambridge: Basic Books.
- 3 SKLOOT, R., 2011. *The immortal life of Henrietta Lacks*. London: Pan Books.
- 4 SCIENCE AND TECHNOLOGY COMMITTEE., 2017. *Science communication and engagement*. London: House of Commons.