

## MODULE DESCRIPTOR

### Module Title

Science Communication and Engagement

Reference	ASM504	Version	1
Created	May 2021	SCQF Level	SCQF 11
Approved	December 2021	SCQF Points	15
Amended		ECTS Points	7.5

### Aims of Module

Provide students with the ability to communicate and critically evaluate current advances in Biomedical Sciences.

### Learning Outcomes for Module

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

- 1 Evaluate the impact on society of advances in the Biomedical Sciences.
- 2 Demonstrate a critical awareness of the importance of science communication and engagement.
- 3 Demonstrate a critical awareness of current issues in one or more specialisms of interest in Biomedical Science.

### Indicative Module Content

This module is flexible and dependent on which Biomedical Science 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. Practices of Science Communication and Public Engagement. Education.

### Module Delivery

Online lectures, tutorials, student-led seminars and discussion forums.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	15	15
Non-Contact Hours	135	135
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
<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:	Students will be asked to create a wiki page critically evaluating a current advance in the Biomedical sciences. The wiki will require collation, presentation, and summation of evidence such that it can clearly and concisely communicate the impact of the chosen advance in Biomedical science on society.				

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

This module is assessed using the one component detailed in the Assessment Plan. To pass this module, candidates must achieve a Module Grade D or better.

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	A
<b>B</b>	B
<b>C</b>	C
<b>D</b>	D
<b>E</b>	E
<b>F</b>	F
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

1	HOLLIMAN, R., 2009. <i>Practising science communication in the information age: Theorising professional practices (Communicating science in the information age)</i> . 1st ed. New York: Oxford University Press.
2	GREGORY, J., 2000. <i>Science in public: Communication, culture and credibility</i> . 2nd ed. Cambridge: Basic Books
3	SCIENCE AND TECHNOLOGY COMMITTEE., 2017. <i>Science communication and engagement</i> . London: House of Commons
4	REDFERN J, ILLINGWORTH S AND VERRAN J. What does the UK public want from academic science communication? [version 1; referees: 3 approved] <i>F1000Research</i> 2016, 5:1261 (doi: 10.12688/f1000research.8815.1)