

MODULE DESCRIPTOR

Module Title

Data Journalism And Storytelling

Reference	CB3101	Version	2
Created	February 2024	SCQF Level	SCQF 9
Approved	January 2024	SCQF Points	15
Amended	April 2024	ECTS Points	7.5

Aims of Module

The module is designed to help the student find, prepare, analyse data and communicate appropriately with those data to a broad media audience. It will cover both using data to support a story as well as finding stories within data.

Learning Outcomes for Module

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

- 1 Evaluate data from multiple sources.
- 2 Analyse data for use.
- 3 Communicate data in the context of a journalistic story.
- 4 Demonstrate awareness of the dynamics, whether cultural, economic, ethical, legal, political, social or affective, which shape the interpretation of data.
- 5 Demonstrate practical ability to find a story within data.

Indicative Module Content

Topics covered include, but are not limited to, the following: Data Understanding; Identifying and Evaluating Data Sources; Data Preparation; Using Data to Support a Story; Finding Stories in Data; Data Storytelling; Basic Statistics; Data Visualisation; Data Ethics; Data Platforms for Journalism. The module engages students with UNESCO's Education for Sustainable Development Normative, Strategic, and Collaborative competencies in terms of recognising and understanding the ethics and principles that underly the use of data in journalism as well as the needs and perspective of others in developing appropriate and sustainable strategies to address the challenges for proper data journalism.

Module Delivery

The module is delivered via lectures, online exercises, workshops, industry speakers, case studies and lab tutorials.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	36	N/A
Non-Contact Hours	114	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:	100%	Outcomes Assessed:	1, 2, 3, 4, 5
Description:	Individual Portfolio Assessment				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

The calculation of the overall grade for this module is based on 100% weighting of C1. An overall minimum grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	The student needs to achieve an A in C1.
B	The student needs to achieve a B in C1.
C	The student needs to achieve a C in C1.
D	The student needs to achieve a D in C1.
E	The student needs to achieve an E in C1.
F	The student needs to achieve an F in C1.
NS	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 BOUNEGRU, L. and GRAY, J., 2021. The Data Journalism Handbook: Towards a Critical Data Practice. Amsterdam University Press
- 2 CAIRO, A., 2019. How charts lie: Getting smarter about visual information. WW Norton & Company.
- 3 DYKES, B., 2019. Effective data storytelling: how to drive change with data, narrative and visuals. John Wiley & Sons.
- 4 RICHE, N.H., HURTER, C., DIAKOPOULOS, N. and CARPENDALE, S. eds., 2018. Data-driven storytelling. CRC Press.
- 5 ROGERS, S., 2013. Facts are Sacred: Text only ebook. Faber & Faber.
- 6 WONG, D.M., 2013. The Wall Street Journal guide to information graphics: The dos and don'ts of presenting data, facts, and figures. WW Norton & Company.