

# FACULTY OF HUMANITIES AND SOCIAL SCIENCES

## DEPARTMENT OF GOVERNMENT AND PUBLIC POLICY

### DATA SCIENCE FOR POLITICS AND POLICYMAKING

Master of Science in Data Science for Politics and Policymaking  
Postgraduate Diploma in Data Science for Politics and Policymaking  
Postgraduate Certificate in Data Science for Politics and Policymaking

*These regulations are to be read in conjunction with [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).*

#### Admission

1. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

#### Duration of Study

2. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).

#### Mode of Study

3. The MSc programme is available by full-time and part time study.

#### Place of Study

4. The programmes are available on campus only.

#### Curriculum

5. All students shall undertake an approved curriculum as follows:

#### Compulsory Modules

Module Code	Module Title	Level	Credits
CS978	Legal, Ethical and Professional Issues for the Information Society	5	10
CS982	Big Data Technologies	5	20
CS990	Database Fundamentals	5	10
CS985	Machine Learning for Data Analytics	5	20
L2905	Quantitative Methods 1**	5	20

In exceptional circumstances, a compulsory module may be substituted for an equivalent module at the discretion of the Programme Leader.

\*\* Subject to approval by the programme leader, L2908 Quantitative Methods 2 or L2909 Qualitative Methods may be substituted, where a student's previous learning is demonstrated.

#### Optional Modules

40 credits from:

Module Code	Module Title	Level	Credits
L5501	Perspectives on Social Research	5	20
And			
L5976	Welfare Concepts and Ideas*	5	20
Or			
L2941	Principles of Research Design	5	20
And			
L2917	Policy Analysis*	5	20

Equivalent or alternative modules may be substituted with the agreement of the programme leader.

\* Departments within Humanities and Social Sciences or Strathclyde Business School may substitute another policy-oriented module to tailor the MSc programme to a specific policy area.

#### For the MSc:

Module Code	Module Title	Level	Credits
L2933	Dissertation	5	60
Or			
L2974	Placement Dissertation	5	60

Not all optional modules on this list will be available in each academic year.

#### Progress

6. See [General Academic Regulations - Postgraduate Taught Degree Programme Level](#).
7. The final award will be based on performance in the examinations, coursework and dissertation.

#### Award

8. **Degree of MSc:** In order to qualify for the award of the degree of MSc in Data Science for Politics and Policymaking, a candidate must have accumulated no fewer than 180 credits, of which 60 must have been awarded in respect of the Dissertation L2933 or Placement Dissertation L2974.
9. **Postgraduate Diploma:** In order to qualify for the award of the Postgraduate Diploma in Data Science for Politics and Policymaking, a candidate must have accumulated no fewer than 120 credits from the taught modules of the programme.
10. **Postgraduate Certificate:** In order to qualify for the award of the Postgraduate Certificate in Data Science for Politics and Policymaking, a candidate must have accumulated no fewer than 60 credits.