

## Programme Specification

MSc Data and Decision Analysis (in Nanjing) (full-time)

PFTZDADAURHM

For students entering in 2023/24

**This document sets out key information about your Programme and forms part of your Terms and Conditions with the University of Reading.**

Awarding Institution	University of Reading
Teaching Institution	University of Reading
Length of Programme	MSc Data and Decision Analysis (in Nanjing) (full-time) - 2 years
Accreditation	N/A
Programme Start Dates	

### Programme information and content

The programme provides a thorough postgraduate education in the analysis of Economics and Data Analytics. Students will learn the essentials of Economics including Microeconomics and Macroeconomics to obtain the theoretical understanding regarding how to approach economic problems. Students will then learn relevant Econometric and computational skills to enable them to process and analyse big data. The core modules also provide coverage of research methods and include a dissertation which give students the opportunity to undertake an independent research project based on their theoretical understanding of economic analysis and statistical/computational skills.

This programme is jointly run with NUIST for students recruited from all over China. The structure of the programme is outlined as follows:

#### **Before starting the programme:**

Students may need to attend the pre-session English courses to meet the minimum English language requirements if their IELTS results do not reach the entry requirements.

#### **The first academic year:**

Students who are enrolled onto the programme can choose between the following two options for the first academic year.

##### ***Option 1***

Students will study at Reading for the first academic year from September to June. Students will also complete relevant assessments such as coursework and exams at Reading.

##### ***Option 2***

Students will study at Nanjing and be taught by NUIST staff members. Students will also complete relevant assessments such as coursework and exams at NUIST.

**The second academic year:**

During the entire second academic year, all students will complete dissertation in stages supervised by a NUIST supervisor and a UoR supervisor.

**Module information**

The programme comprises of 180 credits, allocated across a range of compulsory modules.

**Compulsory modules****First Year****For those students who come to Reading**

Module	Name	Term	Credits	Level
ECM101	Microeconomic Policy	Autumn	20	M
ECM604	Econometrics 1	Autumn	20	M
CSMDM21	Data Analytics and Mining	Autumn	20	M
ECM103	Research Methodology	Spring	10	M
ECM102	Macroeconomic Policy	Spring	20	M
ECM605	Econometrics 2	Spring	20	M
CSMDE21	Data Security and Ethics	Spring	10	M

**For those students who remain in Nanjing**

Module	Name	Semester	Credits	Level
ECM101NU	Microeconomic Policy	1	20	M
ECM604NU	Econometrics 1	1	20	M
CSMDM21NU	Data Analytics and Mining	1	20	M
ECM103NU	Research Methodology	2	10	M
ECM102NU	Macroeconomic Policy	2	20	M
ECM605NU	Econometrics 2	2	20	M
CSMDE21NU	Data Security and Ethics	2	10	M

**Second Year****For all students**

In line with Chinese MoE regulations, all students will be expected to study two 0-credit Chinese Philosophy modules, delivered by NUIST in Year 2 of the programme.

**Year 2 modules**

Module	Name	Credits	Level
ECM110NU	Dissertation	60	M

**Part-time or flexible modular arrangements**

N/A

### **Additional costs of the programme**

Students will need to fund their travel costs to and from China and the UK.

Students will need to fund their accommodation cost in the UK and China.

At NUIST: There will be some additional costs if you require printing facilities at NUIST, there may also be additional costs if your programme involves a field trip whilst at NUIST. Details of costs can be found at the NUIST help desk.

At UoR: For textbooks and similar learning resources, we recommend that you budget up to £400 per year. This figure is approximate. Actual costs will vary depending on individual study technique, preferences, and requirements. Some books may be available second-hand, which will reduce costs. A range of resources to support your curriculum, including textbooks and electronic resources, are available through the library. Reading lists and module specific costs are listed on the individual module descriptions.

Printing and photocopying facilities are available on campus at a cost per A4 page of £0.05 (black and white) and £0.30 (colour). Essential costs in this area will be low as most coursework will be submitted electronically.

Costs are indicative and are subject to inflation and other price fluctuations.

The estimates were calculated in 2022.

### **Optional modules**

ECM001	Introduction to Econometric Analysis	Autumn	0	M
ECM001NU	Introduction to Econometric Analysis	Autumn	0	M

### **Placement opportunities**

N/A

### **Study abroad opportunities**

N/A

### **Teaching and learning delivery**

Reading-based modules are delivered at Reading by academic staff from the University of Reading, while NUIST-based modules are delivered at NUIST by academic staff from NUIST. Students must undertake a dissertation project in the second year of this programme. Each dissertation project will be supervised by two supervisors: a supervisor from the University of Reading and a supervisor from NUIST. Detailed information about the teaching and learning delivery can be found in each specific module description.

Teaching is organised in modules. The delivery of material varies among the modules, especially in the proportion of time allocated to lectures, classes and seminars.

Total study hours for your programme will be 1800 hours. In terms of total contact hours, an average for a typical set of modules on this programme is around 180 hours. However, for the modules delivered at NUIST contact hours may vary. In addition to your scheduled contact hours, you will be expected to undertake guided independent study. Information about contact hours and the amount of independent study which a student is normally expected to undertake for a module is indicated in the relevant module description.

### **Accreditation details**

N/A

### **Assessment**

Students will be assessed in a variety of ways, depending on the modules selected. Assessment may include, but is not limited to, any of the following: formal written examination; essay, project, class test, oral presentation.

### **Progression**

There are no specific progression requirements that students need to meet before they can progress into the second year.

### **Classification**

The University's taught postgraduate marks classification is as follows:

#### **Mark Interpretation**

70 - 100% Distinction

60 - 69% Merit

50 - 59% Good standard (Pass)

#### **Failing categories:**

40 - 49% Work below threshold standard

0 - 39% Unsatisfactory Work

*For Master's Degree*

To qualify for **Distinction**, students must

- i. gain an overall average of 70 or more over 180 credits; and

- ii. mark of 60 or more for the dissertation; and
- iii. the total credit value of all modules marked below 50 must not exceed 55 credits; and
- iv. students must not have any mark below 40.

To qualify for **Merit**, students must

- i. gain an overall average of 60 or more over 180 credits; and
- ii. a mark of 50 or more for the dissertation; and
- iii. the total credit value of all modules marked below 50 must not exceed 55 credits; and
- iv. students must not have any mark below 40.

To qualify for **Passed**, students must

- i. gain an overall average of 50 or more over 180 credits; and
- ii. a mark of 50 or more for the dissertation; and
- iii. the total credit value of all modules marked below 50 must not exceed 55 credits; and
- iv. the total credit value of all modules marked below 40 must not exceed 30 credits.

*For PG Diploma*

To qualify for Distinction, students must

- i. gain an overall average of 70 or more over 120 credits; and
- ii. In addition, the total credit value of all modules marked below 50 must not exceed 55 credits; and
- iii. students must not have any mark below 40.

To qualify for Merit, students must

- i. gain an overall average of 60 or more over 120 credits; and
- ii. the total credit value of all modules marked below 50 must not exceed 55 credits; and
- iii. students must not have any mark below 40.

To qualify for Passed, students must

- i. gain an overall average of 50 or more over 120 credits; and
- ii. the total credit value of all modules marked below 50 must not exceed 55 credits; and
- iii. the total credit value of all modules marked below 40 must not exceed 30 credits.

*For PG Certificate*

To qualify for a Postgraduate Certificate, students must

- i. gain an overall average of 50 or more over 60 credits; and
- ii. the total credit value of all modules marked below 40 must not exceed 10 credits.

Successful completion of the Programme will lead to the award of degree by the University of Reading.

**For further information about your Programme please refer to the Programme Handbook and the relevant module descriptions, which are available at <http://www.reading.ac.uk/module/>. The Programme Handbook and the relevant module descriptions do not form part of your Terms and Conditions with the University of Reading.**

MSc Data and Decision Analysis (in Nanjing) (full-time) for students entering in session 2023/24

12 May 2023

© **The University of Reading 2023**