

Programme Specification

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

PFTZDADAURHM

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

BFTZDADANUDM

For students entering in 2022/23

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 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 Autumn term of the first academic year:

Students will study at Reading or Nanjing, including taught modules and an initial discussion regarding dissertation topic with their dissertation supervisors.

The Spring term of the first academic year:

Students will study at Nanjing including taught modules and meeting with their dissertation supervisors to finalise the dissertation topic/proposal.

The Summer term of the first academic year:

Students will take exams in Nanjing for the taught modules delivered in the Autumn and Spring terms.

The entire second academic year:

Students will complete their dissertation in stages.

Module information

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

Compulsory modules**Year 1 modules**

Students who come to Reading in term 1 will take the following compulsory modules

| Module | Name | Term | Credits | Level |
|-----------|--------------------------------------|--------|---------|-------|
| ECM001 | Introduction to Econometric Analysis | Autumn | 0 | M |
| ECM101 | Microeconomic Policy | Autumn | 20 | M |
| ECM604 | Econometrics 1 | Autumn | 20 | M |
| CSMDM21 | Data Analytics and Mining | Autumn | 20 | M |
| ECM102NU | Macroeconomic Policy | Spring | 20 | M |
| ECM605NU | Econometrics 2 | Spring | 20 | M |
| ECM103NU | Research Methodology | Spring | 10 | M |
| CSMDE21NU | Data Security and Ethics | Spring | 10 | M |

Students who remain in Nanjing for the whole programme will take the following compulsory modules

| Module | Name | Term | Credits | Level |
|-----------|--------------------------------------|--------|---------|-------|
| ECM001NU | Introduction to Econometric Analysis | Autumn | 0 | M |
| ECM101NU | Microeconomic Policy | Autumn | 20 | M |
| ECM604NU | Econometrics 1 | Autumn | 20 | M |
| CSMDM21NU | Data Analytics and Mining | Autumn | 20 | M |
| ECM102NU | Macroeconomic Policy | Spring | 20 | M |
| ECM605NU | Econometrics 2 | Spring | 20 | M |
| ECM103NU | Research Methodology | Spring | 10 | M |
| CSMDE21NU | Data Security and Ethics | Spring | 10 | M |

Year 2 modules

| Module | Name | Credits | Level |
|----------|--------------|---------|-------|
| ECM110NU | Dissertation | 60 | M |

*In addition to the UoR modules listed above, in line with Chinese MoE regulations, all students will be expected to study 2 Chinese Philosophy modules, delivered by NUIST. One of these modules will be delivered in Year 1 of the programme, the other module will be delivered in Year 2 of the programme.

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 2021.

Optional modules

No optional module is included in this programme.

Placement opportunities

N/A

Study abroad opportunities

N/A

Teaching and learning delivery

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

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.

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.

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11 April 2022

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