

FACULTY OF SCIENCE

MATHEMATICS AND STATISTICS

MATHEMATICS AND STATISTICS (NAU)

Bachelor of Science with Honours in Mathematics and Statistics (NAU)

These regulations are to be read in conjunction with [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level.](#)

Mode of study

1. The programme is available as full-time study only.

Place of study

2. Students will study years 1-3 at Nanjing Agricultural University (NAU). One third of each year (1-3) will be taught by University of Strathclyde staff at NAU. Year 4 will be taught at the University of Strathclyde.

Curriculum

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

Year 1

Compulsory Modules

Module Code	Module Title	Level	Credits
MM1XX	Essential Statistics	1	10
MM1XX	Data Analysis and Presentation	1	10
MM1XX	Probability and Statistical Inference	1	20
MM1XX	NAU Mathematics and Statistics 1	1	80

Year 2

Compulsory Modules

Module Code	Module Title	Level	Credits
MM2XX	Mathematical and Statistical Computing	2	20
MM2XX	Regression Modelling	2	20
MM2XX	NAU Mathematics and Statistics 2	2	80

Year 3

Compulsory Modules

Module Code	Module Title	Level	Credits
MM3XX	Statistical Inference	3	10

MM3XX	Experimental Design	3	10
MM3XX	Stochastic Processes	3	10
MM3XX	Survey Analysis and Design	3	10
MM3XX	NAU Mathematics and Statistics 3	3	80

Year 4

Compulsory Modules

Module Code	Module Title	Level	Credits
MM4XX	Multivariate Analysis	4	10
MM4XX	Time Series	4	10
MM4XX	Bayesian Risk Analysis	4	20
MM415	Medical Statistics	4	20
MM401	Individual Project	4	20

Optional Modules (40 credits)

Module Code	Module Title	Level	Credits
MM402	Modelling and Simulation with Applications to Financial Derivatives	4	20
MM408	Mathematical Biology and Marine Population Modelling	4	20
MM409	Mathematical Introduction to Networks	4	20

Progress

- In order to progress to the 2nd year of the programme, the [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#) shall apply.
- In order to progress to the 3rd year of the programme, the [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#) shall apply.
- In order to progress to the 4th year of the programme, the [General Academic Regulations – Undergraduate, Integrated Master and Professional Graduate Degree Programme Level](#) shall apply.

Final Honours Classification

- The final Honours classification will normally be based on the first assessed attempt at compulsory and, where appropriate, specified optional modules which are taken in fourth year of the programme.

Award

- Degree of BSc with Honours:** In order to qualify for the degree of BSc with Honours in Mathematics and Statistics, the [General Academic Regulations – Undergraduate, Integrated](#)

Master and Professional Graduate Degree Programme Level shall apply.