

THE UNIVERSITY OF Western Australia

Achieve International Excellence

The Faculty of Engineering, Computing and Mathematics

A dynamic Faculty empowering people to change the world



CRICOS Provider Code: 00126G



Majors in the Faculty of Engineering, Computing and Mathematics

- Engineering Science
- Computer Science
- Applied Computing
- Mathematics and Statistics
- Quantitative Methods



You can take these as a degree specific-major or as a second major



Degree-specific majors

If you take any of these majors as a degree-specific major, you will need to take the required complementary units, where they exist.





Quantitative Methods

...what is Quantitative Methods?

- Quantitative methods are used in a variety of subject areas such as science, economics, marketing, engineering, medicine, public health, psychology, education and sport
- An increasing number of industries use quantitative reasoning for improving product and service quality, increasing efficiency in the workplace, and assessing their growth strategies
- This major provides you with practical, interdisciplinary research skills, based on sound disciplinary foundations, that you will find useful and relevant to your own interests



Mathematics and Statistics can be taken as a degree specific major in the:

- Bachelor of Science; OR
- Bachelor of Philosophy (Honours)



Quantitative Methods major

Course Study Plan: CSP004-QTMTD

Degree: <u>BP004 Bachelor of Science</u> Degree-specific major: MJD-QTMTD Quantitative Methods (two Level

Degree-specific major: <u>MJD-QTMTD Quantitative Methods</u> (two Level 1 units + two Level 2 units + four Level 3 units)

| YEAR 1 | Semester 1 | 1 <u>CITS1401</u> | A BROADENING | ELECTIVE | ELECTIVE |
|--|------------|-------------------|-------------------|----------|------------|
| | Semester 2 | 1 <u>STAT1400</u> | BROADENING | | ELECTIVE |
| YEAR 2 | Semester 1 | 1 <u>STAT2401</u> | | | ELECTIVE |
| | Semester 2 | 1 STAT2402 | BROADENING | | 1 ELECTIVE |
| YEAR 3 | Semester 1 | 1 <u>STAT3401</u> | 1 <u>STAT3402</u> | | |
| | Semester 2 | 1 <u>STAT3403</u> | 1 <u>STAT3404</u> | ELECTIVE | ELECTIVE |
| Key: 👖 Degree-specific major unit 🔊 Broadening unit: Category A or B 📀 Complementary unit 🎓 Elective | | | | | |

This study plan is an example of a full-time load of four units per semester.

The standard minimum completion time for a bachelor's degree is three years. The maximum completion time is 10 years.

For course advice find out which Student Office you are assigned to via studentConnect.



Quantitative Methods major

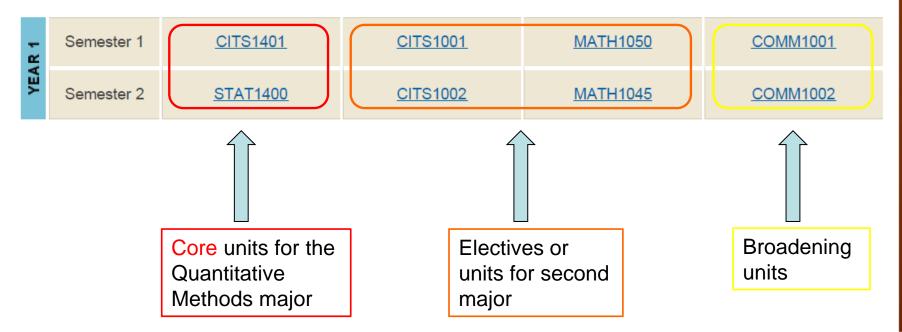
Example of a First Year Study Plan

First-year Study Plan: FSP004-25

Degree: BP004 Bachelor of Science

This plan leads to a choice of:

Degree-specific major: <u>Applied Computing</u>, <u>Computer Science</u>, <u>Quantitative Methods</u> Second major: <u>Applied Computing</u>, <u>Communication and Media Studies</u>, <u>Computer Science</u>, <u>Quantitative Methods</u> Broadening units: <u>COMM1001</u> (Cat. B), <u>COMM1002</u> (Cat. B)





Students with credit

If you have already completed some study at tertiary level and you are applying for (or have been granted) advanced standing, then please come and speak to us now to discuss your options. Or email enquiries-ecm@uwa.edu.au for further advice.

