



# 2019 MAJOR – Software Technology

(Qualifying Major for Bachelor of Information Technology)

This major is for students wanting a career designing and delivering complex software. The emphasis is on concepts, insights and skills to use current technologies and also to evaluate and adapt to new technologies. The program emphasises extensive practical experience where significant problems are analysed, solutions designed, and software developed, both individually and in groups. Students undertake a range of core units that introduce the technologies of modern software development and the practices that result in successful software projects. Elective units supplement the core by considering important application areas in software and/or systems or domain-specific technologies.



**The table below is a suggested first session for students beginning in Session 2, 2019.** Please make your selection of units after reviewing the requirements of your award in the 2019 Handbook:

[www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Information+Technology](http://www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Information+Technology)

## Suggested First Session

### Session 2, 2019

Unit Code	Unit Name
DMTH137	Discrete Mathematics I
ISYS114	Introduction to Database Design and Management
COMP115	Introduction to Computer Programming
Elective	Choose an elective unit

- You must also meet the general requirements for the degree for which you will qualify.
- It may be possible to satisfy the requirements of your degree by taking a different selection of units in your first session from those suggested above.
- Consider what units you will want to study in second and third year. Prerequisite requirements for those units must be completed prior to enrolment in the higher-level unit.
- Bridging courses in Mathematics are available and strongly recommended for those without recent HSC study in Mathematics, or for those who took General mathematics: [www.tinyurl.com/bridgingmq/](http://www.tinyurl.com/bridgingmq/)
- For a double major complete required units for both majors where possible in the first year. If considering a double major consult the criteria found at [www.handbook.mq.edu.au/2019/Majors](http://www.handbook.mq.edu.au/2019/Majors).
- You can receive specific program advice from the faculty at any stage in your degree by lodging a “Program Advice” enquiry via <http://ask.mq.edu.au>.

FIND OUT MORE  
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