



2018 MAJOR – Software Technology

(Qualifying Major for Bachelor of Advanced Science)

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 year program guide to support your enrolment. Please make your selection of units after reviewing the requirements of your award in the 2018 Handbook:

www.handbook.mq.edu.au/2018/DegreesDiplomas/Degree/Bachelor+of+Advanced+Science

Suggested First Year			
Session 1, 2018		Session 2, 2018	
Unit Code	Unit Name	Unit Code	Unit Name
COMP115	Introduction to Computer Programming	COMP125	Fundamentals of Computer Science
PHL137	Critical Thinking	DMTH137	Discrete Mathematics I
MKTG101 or ISYS104 or STAT170	Marketing Fundamentals Introduction to Business Information Systems Introductory Statistics	COMP188	Enrichment Topics in Computing
Elective	Choose a People or Planet unit	Elective	Choose a Planet or People 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 year 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.
- 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/2018/Majors.
- All students must complete one People unit and one Planet unit. Criteria and available units can be viewed at www.handbook.mq.edu.au/2018/Units/Planet and www.handbook.mq.edu.au/2018/Units/People.
- 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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Disclaimer: This publication is correct at the time of creation, August 2017. Macquarie University reserves the right to change program details at any time and change its fees without notice.
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