

# 2019 Software Engineering

For Bachelor of Engineering (Honours)

Macquarie engineers will graduate with an international qualification with the capability for life-long learning. Study in software engineering develops an in-depth understanding of a specific aspect of engineering, with sufficient focus for employment in an initial role. An underpinning knowledge in algorithms and data structures, programming languages, networks, databases, and software engineering is developed into an in-depth understanding by research and industry engagement in software. Macquarie engineers will graduate with an international qualification with the capability for life-long learning.



**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+Engineering+\(Honours\)](http://www.handbook.mq.edu.au/2019/DegreesDiplomas/Degree/Bachelor+of+Engineering+(Honours))

## Suggested First Session

### Session 2, 2019

Unit Code	Unit Name
DMTH137	Discrete Mathematics I
ENGG100	Introduction to Engineering
ISYS114	Introduction to Database Design and Management
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.
- If you are starting your degree with recognition of prior learning, through alternative pathways, or through MUIC you should seek academic advice <http://www.goto.mq.edu.au/advice>.
- Students can receive specific program advice from the faculty at any stage in their degree by lodging a “Program Advice” enquiry via <http://ask.mq.edu.au>.

FIND OUT MORE  
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[Handbook.mq.edu.au](http://Handbook.mq.edu.au)

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