



# 2019 MAJOR – Electronics

(Qualifying Major for Bachelor of Science)

The Electronics major develops an in-depth understanding of electronics technology. An underpinning of knowledge in basic circuits, signals, and systems is developed from the perspective of participating in the development and diagnostics of modern electronic systems.



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

If you have at least Band 4 in HSC Mathematics you should use the following table:

Suggested First Session	
Session 2, 2019	
Unit Code	Unit Name
ENGG100	Introduction to Engineering
MATH135*	Mathematics IA
PHYS140	Physics 1A
Elective	Choose an elective unit

If you do *not* have a Band 4 (or higher) in HSC Mathematics or have not completed MATH135 you should use the following table:


Suggested First Session	
Session 2, 2019	
Unit Code	Unit Name
ENGG100	Introduction to Engineering
MATH130	Mathematics IE
Elective	Choose two elective units

- 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.
- \* Advanced Mathematics: MATH133 is a suitable alternative for those with strong mathematics skills.

FIND OUT MORE  
CONTACT: STUDENT CONNECT  
LEVEL 2, MUSE C7A PHONE: 9850 6410  
Macquarie University NSW 2109 Australia  
[Handbook.mq.edu.au](http://Handbook.mq.edu.au)

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- The Electronics major suggestions include MATH135 which is a prerequisite to complete ENGG150. To enrol in MATH135 you need at least Band 4 in HSC Mathematics. If you do *not* have the prerequisites for entry into MATH135 will need to do MATH130 in your first session and MATH135 in your second session. If you have at least Band 4 in HSC Mathematics you meet this requirement.
- Bridging courses in mathematics are available and 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).
- 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.
- You must select a Professional and Community Engagement (PACE) unit as part of the elective component of your degree. It is important to plan ahead for this requirement and allocate elective space for your chosen PACE unit. A list of eligible units is available at [www.handbook.mq.edu.au/2019/Units/PACE](http://www.handbook.mq.edu.au/2019/Units/PACE).
- 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>.



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