Bachelor of Engineering (Honours) / Bachelor of Science
Robotics and Mechatronics Major - BB-ENGSC

Recommended Sequence
Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, prerequisite requirements and the semester in which you commenced your course. Changes to this planner may extend the duration of your course.

Year One
Your First Semester
- ENG10001 Engineering, Design and Innovation +12.5
- ENG10002 Engineering Materials +12.5
- ENG10003 Concepts of Biology +12.5
- CHE10001 Introduction to Chemistry or CHE10004 Introduction to Chemistry or CHE10004 Introduction to Chemistry or CHE10004 Introduction to Chemistry or CHE10004 Introduction to Chemistry or +12.5

Your Second Semester
- ENG10004 Digital and Data Systems +12.5
- ENG10005 Energy and Power +12.5
- EEE10002 Electrical and Electronic Applications +12.5
- EME30001 Mechanics of Structures +12.5
- BIO10001 Management 1 +12.5
- ENG10007 Innovation, Engineering, Design and Scientists +12.5

Year Two
Semester One
- MTH10012 Mathematics 3B +12.5
- ENG10006 Concepts of Biology +12.5
- ENG10001 Digital Electronic Design +12.5
- SHE20004 Technical Software Development +12.5

Semester Two
- MTH20004 Machine Dynamics 1 +12.5
- ENG20004 Structural Mechanics +12.5
- EEE20001 Electrical Actuators and Systems +12.5
- EEE20003 Embedded Microcontrollers +12.5
- SHE30002 Computer Aided Engineering +12.5
- ENG20002 Professional Experience in Engineering +12.5

Year Three
Semester One
- ENG30001 Engineering Management 1 +12.5
- EME30002 Mechanisms and Machine Dynamics 1 +12.5
- SHE30003 Control and Automation +12.5
- MTH20014 Linear Algebra and Statistics +12.5
- EME30001 Mecha... System Design +12.5
- EEE30004 Digital Signal Processing +12.5
- ENG40001 Engineering Management 2 +12.5
- EEE30003 Embedded Microcontrollers +12.5
- Science Major Unit +12.5
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- Science Major Unit +12.5
- Science Major Unit +12.5

Year Five
Semester One
- ENG40001 Industrial Year Research Project 1 +12.5
- MTH20005 Communication for Scientists +12.5
- MTH40001 Engineering Management 2 +12.5
- SHE40003 Robot System Design +12.5

Semester Two
- ENG40002 Industrial Year Research Project 2 +12.5
- MTH40002 Research Skills in Mathematics +12.5
- MTH40003 Research Skills in Mathematics +12.5
- MTH40004 Research Skills in Mathematics +12.5
- MTH40005 Research Skills in Mathematics +12.5
- SHE40002 Advanced Control Systems +12.5
- Science Major Unit +12.5
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