

Bachelor of Engineering in Mechanical Engineering / Bachelor of Laws

Year 1 24 Units

| | | | | |
|-------------------|---------------------------------------|----------------------|------------------------------|--------------------|
| Semester 1 | Intro to Mech Eng. (3) | Maths IMA or IA* (3) | Foundations of Law (3) | Law of Torts 1 (3) |
| Semester 2 | Design Graphics and Communication (3) | Maths IA or IB* (3) | Principles of Public Law (3) | Law of Torts 2 (3) |

* Students who have undertaken SACE Stage 2 Specialist Maths will be required to enrol in Maths IA followed by Maths IB. Students who have not taken SACE Stage 2 Specialist Maths will be required to enrol in Maths IM followed by Maths IA & Maths IB in summer semester to complete the requirements at Level I. Alternatively, Maths B may be taken in place of a Level II Course in the following year, as indicated.

Year 2 24 Units

| | | | | |
|-------------------|------------------------------------|------------------------------|------------------|--|
| Semester 1 | Elec & Enic Eng IA (3) | Eng. Mechanics – Statics (3) | Contracts (6) | |
| Semester 2 | Engineering Mechanics-Dynamics (3) | Materials I (3) | Property Law (6) | |

Year 3 24 Units

| | | | | |
|-------------------|-------------------------|--------------------------------|--------------------------|-----------------------------|
| Semester 1 | Engineering Maths I (3) | Design Practice (3) | Equity (3) | Aust Constitutional Law (3) |
| Semester 2 | Mechatronics IM (3) | Stress Analysis and Design (3) | Engineering Maths II (3) | Administrative Law (3) |

Year 4 24 Units

| | | | | |
|-------------------|-------------------------------|---|---|-------------------------------|
| Semester 1 | Materials & Manufacturing (3) | Thermo-Fluids I (3) | Structural Design & Solid Mechanics (3) | Manufacturing Engineering (3) |
| Semester 2 | Dynamics and Control I (3) | Eng Systems Design & Communications (3) | Corporate Law (6) | |

Year 5 24 Units

| | | | | |
|-------------------|--|--------------------------------------|--------------------------------|-----------------------|
| Semester 1 | Sustainability and the Environment (3) | Heat Transfer and Thermodynamics (3) | Criminal Law and Procedure (6) | |
| Semester 2 | Applied Aerodynamics (3) | Dynamics and Control II (3) | Mech Eng Elective (3) | Numerical Methods (3) |

Year 6 24 Units

| | | | | |
|-------------------|--|------------------|---|--|
| Semester 1 | Mechanical Honours Project or Mechanical Design Project Pt I (3) | Law Elective (3) | Dispute Resolution and Ethics (6) | |
| Semester 2 | Mechanical Honours Project or Mechanical Design Project Pt 2 (6) | | Evidence and Proof in Theory and Practice (6) | |

Year 7 12 Units

| | | | | |
|-------------------|--|--|--|--|
| Semester 1 | Law Electives (this can include the 6 units Law Rsch Diss.elective) (12) | | | |
|-------------------|--|--|--|--|

Note: Number in brackets denotes unit value.