Common First Year

Stage One: 48 credit points
- Course advice is required for enrolment in stage one – enrolment plan depends on the need for foundation units. Students attend a course information session upon enrolment which provides advice on how to enrol
- Level 2 electives available in first year may be undertaken following successful completion of 24 credit points
- Students undertake a common first year and nominate their chosen specialisation through the ‘branch selection’ process.

Core Units (30 credit points) – all students complete:
- ENG1060 Computing for engineers
- ENG1091 Mathematics for engineering
- ENG1001 Engineering design: lighter, faster, stronger
- ENG1002 Engineering design: cleaner, safer, smarter
- ENG1003 Engineering mobile apps

Foundation units (0, 6 or 12 credit points)
- Students who have not completed VCE units 3&4 of Chemistry, Physics and/or Specialist Mathematics must complete one or two units from:
  - ENG1070 Foundation Chemistry
  - ENG1090 Foundation Mathematics
  - PHS1080 Foundation physics

Elective units (6, 12 or 18 credit points)
- Select one elective if two foundation units are required (6 credit points).
- Select two electives if one foundation unit is required (12 credit points).
- Select three electives if no foundation units are required (18 credit points).

First year enrolment:

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<th>Sem</th>
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Notes:
- Unless specified, all units are worth 6 credit points
- Bachelor of Engineering 32 units x 6cp = Total of 192 credit points
- All pre-requisite and co-requisite requirements must be undertaken in order to be able to enrol into a specific unit
- Duration of degree 4 years full-time, 8 years part-time
- Time limit Time limit = 8 years. Students have eight years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the eight years
- First year: Faculty Course Adviser – Faculty Office, 14 Alliance Lane (building72), Clayton
- Monash University handbook Students should follow the course structure for the year the course was commenced [http://monash.edu/pubs/2015handbooks/courses/index-byfaculty-eng.html](http://monash.edu/pubs/2015handbooks/courses/index-byfaculty-eng.html)

All information correct at publication but may be subject to change – 14 January 2015
Faculty of Engineering, Monash University
CRICOS code 00172B