How to enrol in the Bachelor of Engineering (Honours) Monash College Pathway

Students who have completed the Monash College Diploma of Engineering Part 2
# Quick facts

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Bachelor of Engineering (Honours)</th>
</tr>
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<tbody>
<tr>
<td>Short title</td>
<td>BE(Hons)</td>
</tr>
<tr>
<td>Course code</td>
<td>E3001</td>
</tr>
<tr>
<td>Specialisations you can choose</td>
<td>Aerospace, Chemical, Civil, Electrical and Computer Systems, Environmental, Materials, Mechanical, Mechatronics (no mid year entry), Resources, Software Engineering</td>
</tr>
<tr>
<td>You’ll graduate with</td>
<td>The award title for your specialisation for example: Bachelor of Aerospace Engineering (Honours)</td>
</tr>
<tr>
<td>Credit points</td>
<td>32 units x 6 credit points = 192 credit points</td>
</tr>
<tr>
<td>Duration</td>
<td>4 years full time - domestic and international students 8 years part time - domestic students</td>
</tr>
<tr>
<td>Time limit</td>
<td>8 years</td>
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</table>
Now for the course structure

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
</table>
| Level 1 | **Common first year** — Completed as part of your MC Dip Pt 2  
Students commence engineering and acquire knowledge in core disciplines, design and teamwork |
| Level 2 | Builds basic theory and further design skills |
| Level 3 | Extends theory and design into more complex, professional scenarios |
| Level 4 | Provides specialised electives and an individual project |
Let’s enrol

• Your credit for Level 1 has been keyed
• Enrol in Level 2 of the program for the specialisation you have selected
• Your handbook entry and course map detail the units and other requirements you must meet to complete your degree
• You’ll need to enrol for semester 2 only
  • Full-time study (local and international students)
    o 4 units for the year 2019
  • Part-time study (local students only)
    o 2 units per semester
# BE(Hons) Let’s enrol

## All specialisations

<table>
<thead>
<tr>
<th>Sem 2 2019</th>
<th>Level 2 Specialisation core unit</th>
<th>Level 2 Specialisation core unit</th>
<th>Level 2 Specialisation core unit</th>
<th>Elective unit*</th>
</tr>
</thead>
</table>

**Tip!**

✓ Refer to the handbook course map for your specialisation core.

In October 2019 you will re-enrol in the following units for 2020

<table>
<thead>
<tr>
<th>Sem 1 2020</th>
<th>Level 2 Specialisation core unit</th>
<th>Level 2 Specialisation core unit</th>
<th>Level 2 Specialisation core unit</th>
<th>Elective unit*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 2 2020</td>
<td>Level 3 Specialisation core unit</td>
<td>Level 3 Specialisation core unit</td>
<td>Level 3 Specialisation core unit</td>
<td>Specialisation technical elective (must be taken from list in handbook)</td>
</tr>
</tbody>
</table>

### Level 2 elective units*

The two elective units are free electives that can be taken from anywhere across the university for from the engineering [Level 2 elective list](#).

- A language unit from the Arts faculty (ATSXXXX)
- Earth sciences (EAEXXXX), astronomy (ASP2011), astrophysics (ASP2062), physics (PHSXXXX), chemistry (CHMXXXX), maths (MTHXXXX)
- ATS2743 Build your career: Planning & strategies for employability (sem 2)
Level 2 electives

Examples of electives (Engineering elective list)

- **CHE2161** Mechanics of fluids
- **CHM1011** Chemistry I or **CHM1051** Chemistry I advanced
- **ECE2041** Telecommunications
- **ECE2072** Digital systems
- **ENE1621** Environmental engineering
- **ENG1021** Spatial communication in engineering
- **ENG1051** Materials for energy and sustainability
- **FIT2085** Introduction to computer science for engineers
- **MAE2405** Aircraft performance
- **MAT1830** Discrete mathematics for computer science*
- **MEC2404** Mechanics of fluids
- **PHS1002** Physics for engineering
- **RSE1010** Natural resources engineering
- **TRC2001** Introduction to systems engineering

**Tip!**

✓ ENE1621, ENG1021, ENG1051, PHS1002, CHM1011 & RSE1010 are good choices to complement any specialisation.
Engineering departments

Course advice and information:

- **Chemical** — Room 226D, 18 Alliance Lane
- **Civil** — Room 106, 23 College Walk
  (*Civil, Environmental, Resources*)
- **ECSE** — Room 129, 14 Alliance Lane
- **Materials** — Room 105, 22 Alliance Lane
- **Mechanical and Aerospace** — Room G01B, 17 College Walk
  (*Mechanical, Aerospace and Mechatronics*)
## What next?

### International students

<table>
<thead>
<tr>
<th>Enrol on WES</th>
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Don’t forget to go back to STEP 4 and order a NEW Student ID card, your Student ID card from Monash College is no longer valid

### international student checklist

Attend Orientation Week from **Monday 22 – Friday 26 July 2019** Further information will be provided closer to the date.
Orientation provides critical academic and social preparation for your study in engineering. Your attendance is required. See you in July!

Tip!
✓ We’ll send you a reminder email and further orientation details in early July. Be sure to monitor your student email account.