BACHELOR OF ENGINEERING (HONOURS) - E3001

OCTOBER 2022 INTAKE
# QUICK FACT

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Bachelor of Engineering (Honours)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Code</strong></td>
<td>E3001</td>
</tr>
<tr>
<td><strong>Specialisation/Discipline offered</strong></td>
<td>Chemical Engineering, Civil Engineering, Electrical and Computer Systems Engineering, Mechanical Engineering, Robotics and Mechatronics Engineering, Software Engineering</td>
</tr>
<tr>
<td><strong>You’ll graduate with</strong></td>
<td>The award title is based on your specialisation. For example: <strong>Bachelor of Civil Engineering (Honours)</strong></td>
</tr>
<tr>
<td><strong>Credit points</strong></td>
<td>32 units x 6 credit point = 192 credit points</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>4 years</td>
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<tr>
<td><strong>Time limit</strong></td>
<td>8 years (International students are advised to complete 4 years due to student pass requirement)</td>
</tr>
<tr>
<td><strong>Meritorious honours</strong></td>
<td>Based on academic achievement, no additional time required</td>
</tr>
</tbody>
</table>
Let’s enrol
Here’s what to enroll in if **NO foundation units** are required

<table>
<thead>
<tr>
<th>OCT 2022</th>
<th>ENG1011 Engineering methods</th>
<th>ENG1005 Engineering mathematics</th>
<th>ENG1014 Engineering numerical analysis</th>
<th>Elective unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 1 2023 (Feb 2023)</td>
<td>ENG1012 Engineering design</td>
<td>ENG1013 Engineering smart systems</td>
<td>ENG2801 Leadership and innovation</td>
<td>Elective unit</td>
</tr>
</tbody>
</table>

**OCT 2022 intake elective unit (choose one only)**
- PHS1002 / CHM1051 / FIT1047 / FIT1051 / MAT1830

**Semester 1 2023 elective unit (choose one only)**
- PHS1002 / CHM1051 / ENG1811 / FIT1051 / MAT1830 / MEC2811

**IMPORTANT NOTE:**
✔ Students are not permitted to enroll in other units unless it is granted by the Head of Common Engineering, Ir Dr Lau Ee Von (email: lau.ee.von@monash.edu)
Let’s enrol

Here’s what to enroll in if **WITH** Foundation mathematics (ENG1090)

<table>
<thead>
<tr>
<th>OCT 2022</th>
<th>ENG1011 Engineering methods</th>
<th>ENG1013 Engineering smart systems</th>
<th>ENG1090 Foundation mathematics*</th>
<th>Elective unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 1 2023 (Feb 2023)</td>
<td>ENG1012 Engineering design</td>
<td>ENG1005 Engineering mathematics</td>
<td>ENG1014 Engineering numerical analysis</td>
<td>ENG2801 Leadership and innovation</td>
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</table>

**OCT 2022 intake elective unit (choose one only)**

PHS1002 / CHM1051 / FIT1047 / FIT1051 / MAT1830

(*) Any student from a one-year pre-U programme, who did not do advanced mathematics or did not score above 80% in basic mathematics, needs to enroll in ENG1090

**IMPORTANT NOTE:**

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ENG1090 Foundation mathematics

Take note:
Maths is a language of engineering, so if you are not confident with maths and calculus in particular, we recommend ENG1090 to strengthen your maths foundation

E3001 - Handbook

If you wish to refer to the handbook, please go to this link: https://handbook.monash.edu/2022/courses/E3001
How do I know whether my units enrolment is successful?

Once you have enrolled your units, you will receive a TRANSACTION NUMBER

If you have problems in enrolling your units, kindly visit Monash Malaysia Connect: https://www.monash.edu.my/student-services/connect
IMPORTANT MESSAGE

Students are required to read the below orientation webpage:

https://www.monash.edu.my/engineering/orientation-for-new-students

and click the “HERE” button to confirm that you have read of the FOUR sections below:

1) All about first year
2) Five W’s and One H of the first year engineering
3) Engineering essentials
4) Safety awareness
THANK YOU

&

WISH YOU ALL THE BEST