BACHELOR OF ENGINEERING (HONOURS) - E3001

OCTOBER 2023 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: Bachelor of Civil Engineering (Honours)</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>
</tr>
<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 2023</th>
<th>ENG1011 Engineering methods</th>
<th>ENG1013 Engineering smart systems</th>
<th>ENG1005 Engineering mathematics</th>
<th>ENG2801 Leadership and innovation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sem 1 2043</strong></td>
<td>ENG1012 Engineering design</td>
<td>ENG1014 Engineering numerical analysis</td>
<td>Elective unit</td>
<td>Elective unit</td>
</tr>
<tr>
<td><strong>(Feb 2024)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Semester 1 2024 elective unit (choose two)**
PHS1002 / ENG1811 / CHM1051 / FIT1051 / FIT1047/ 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 2023</th>
<th>ENG1011 Engineering methods</th>
<th>ENG1013 Engineering smart systems</th>
<th>ENG1090 Foundation mathematics*</th>
<th>ENG2801 Leadership and innovation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 1 2024 (Feb 2024)</td>
<td>ENG1012 Engineering design</td>
<td>ENG1014 Engineering numerical analysis</td>
<td>ENG1005 Engineering mathematics</td>
<td>Elective unit</td>
</tr>
</tbody>
</table>

**Sem 1 2024 elective unit (choose one only)**
- PHS1002
- ENG1811
- CHM1051
- FIT1051
- FIT1047
- MEC2811

(*) 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 and Course Map

If you wish to refer to the handbook and course map, please go to this link:

https://handbook.monash.edu/2023/courses/E3001?year=2023
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