BACHELOR OF ENGINEERING (HONOURS) - E3001

FEBRUARY 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: <em>Bachelor of Civil Engineering (Honours)</em></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 enrol in if **WITHOUT** Foundation mathematics (ENG1090)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 1 2022 (Feb 2022)</td>
<td>ENG1011 Engineering methods</td>
<td></td>
<td></td>
<td>ENG1005 Engineering mathematics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sem 2 2022 (July 2022)</td>
<td>ENG1012 Engineering design</td>
<td></td>
<td></td>
<td>ENG1013 Engineering smart systems</td>
<td></td>
<td></td>
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</tbody>
</table>

**Sem 1 2022 intake elective unit (choose one only)**

- PHS1002
- ENG1811
- CHM1051
- FIT1047
- FIT1051
- ECE2071

**Semester 2 2022 elective unit (choose one only)**

- CHM1051
- ENG1811
- ENG1021
- ECE2072
- FIT1047
- FIT1051

**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 enrol in if **WITH** Foundation mathematics (ENG1090)

<table>
<thead>
<tr>
<th>Sem 1 2022 (Feb 2022)</th>
<th>ENG1012 Engineering design</th>
<th>ENG1013 Engineering smart systems</th>
<th>ENG1090 Foundation mathematics*</th>
<th>Elective unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 2 2022 (July 2022)</td>
<td>ENG1011 Engineering methods</td>
<td>ENG1005 Engineering mathematics</td>
<td>ENG1014 Engineering numerical analysis</td>
<td>ENG2801 Leadership and innovation</td>
</tr>
</tbody>
</table>

**Sem 1 2022 intake elective unit (choose one only)**
PHS1002 / ENG1811 / CHM1051 / FIT1047 / FIT1051 / ECE2071

(*) 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:**
✓ 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)
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 School of Engineering online chat or email info.soe@monash.edu.
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