BACHELOR OF ENGINEERING (HONOURS) - E3001

FEBRUARY 2021 INTAKE
## QUICK FACT

<table>
<thead>
<tr>
<th><strong>Course Title</strong></th>
<th><strong>Bachelor of Engineering (Honours)</strong></th>
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<tbody>
<tr>
<td><strong>Course Code</strong></td>
<td>E3001</td>
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<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>
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<tr>
<td><strong>Credit points</strong></td>
<td>32 units x 6 credit point = 192 credit points</td>
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<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>
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<tr>
<td><strong>Meritorious honours</strong></td>
<td>Based on academic achievement, no additional time required</td>
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Let’s enrol

Here’s what to enrol in if WITHOUT Foundation mathematics (ENG1090)

<table>
<thead>
<tr>
<th>Semester 1 2021 (Feb 2021)</th>
<th>ENG1001 Engineering design: lighter, faster, stronger</th>
<th>ENG1005 Engineering mathematics</th>
<th>ENG1060 Computing for engineers</th>
<th>Elective unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester 2 2021</td>
<td>ENG1002 Engineering design: cleaner, safer, smarter</td>
<td>ENG1003 Engineering mobile apps</td>
<td>ENG2801 Leadership and innovation</td>
<td>Elective unit</td>
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</table>

Semester 1 2021 elective unit (choose one only)
PHS1002 / CHM1051 / FIT1047 / ENG1811

Semester 2 2021 elective unit (choose one only)
ECE2072 / MEC2404 / TRC2001 / FIT1051 / ENG1811 / ENG1021

IMPORTANT NOTE:

✓ Students are not permitted to enroll in other units unless it is granted by the First Year Coordinator

✓ For students who received credit exemption letter upon receiving the acceptance letter, you will need to email directly to Ms Mageswari at mageswari.vadarajoo@monash.edu prior to the semester commencement for your units enrolment.
Let’s enrol

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

<table>
<thead>
<tr>
<th>Sem 1 2021 (Feb 2021)</th>
<th>ENG1002 Engineering design: lighter, faster, stronger</th>
<th>ENG1003 Engineering mobile apps</th>
<th>ENG1090 Foundation mathematics (*)</th>
<th>Elective unit</th>
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<tr>
<td>Sem 2 2021</td>
<td>ENG1001 Engineering design: lighter, faster, stronger</td>
<td>ENG1005 Engineering mathematics</td>
<td>ENG1060 Computing for engineers</td>
<td>ENG2801 Leadership and innovation</td>
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**October intake Elective unit (choose one only)**
PHS1002 / CHM1051 / FIT1047/ ENG1811

(*) Any student from a one-year pre-U programme, who did not do advanced mathematics and 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 First Year Coordinator.
- For students who received credit exemption letter upon receiving the acceptance letter, you will need to email directly to Ms Mageswari at mageswari.vadarajoo@monash.edu prior to the semester commencement for your units enrolment.
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/2021/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 email Ms Mageswari at mageswari.vadarajoo@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