Course progression map for 2018 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each semester of study. It does not substitute for the list of required units as described in the course ‘Requirements’ section of the Handbook. Updated 3 June 2020

**E3009 Bachelor of Engineering (Honours) and Bachelor of Architectural Design**

**Engineering specialisation - Civil engineering**

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>ENG1002 Engineering design: Cleaner, safer, smarter or ENG1090 Foundation mathematics or PHS1001 Foundation physics (if needed)</th>
<th>ARC1301 Architecture communications 1</th>
<th>ARC1001 Foundation studio 1</th>
<th>OHS1000 Introduction to art and design health and safety (0 points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>YEAR 1</td>
<td>Semester 1</td>
<td>ENG1001 Engineering design: Lighter, faster, stronger</td>
<td>ARC2301 Architecture communications 2</td>
<td>ARC1002 Foundation studio 2</td>
<td>If two foundation units are required then overload is required for PHS1001 Foundation physics</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>YEAR 2</th>
<th>Semester 1</th>
<th>ENG1005 Mathematics for engineering</th>
<th>ENG1060 Computing for engineers</th>
<th>CIV206 Mechanics of solids *this unit title changes in 2019 to Structural mechanics</th>
<th>CIV2225 Design of steel and timber structures</th>
</tr>
</thead>
<tbody>
<tr>
<td>YEAR 2</td>
<td>Semester 2</td>
<td>ENG1002 Engineering Design: cleaner safer smarter (if not already completed) or first year engineering elective unit</td>
<td>ENG2005 Advanced engineering mathematics</td>
<td>ENG1003 Engineering mobile applications</td>
<td>CIV2242 Geomechanics 1</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>YEAR 3</th>
<th>Semester 1</th>
<th>AHT1101 Introduction to visual culture in art, design and architecture</th>
<th>ARC2401 Contemporary architecture</th>
<th>ARC2001 Architecture design studio 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>YEAR 3</td>
<td>Semester 2</td>
<td>ARC3401 Architecture and the city</td>
<td>ARC2402 19th and 20th century architecture</td>
<td>ARC2002 Architecture design studio 4</td>
</tr>
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<table>
<thead>
<tr>
<th>YEAR 4</th>
<th>Semester 1</th>
<th>CIV286 Project management for civil engineers</th>
<th>CIV3221 Building structures and technology</th>
<th>CIV3248 Groundwater and environmental geomechanics</th>
<th>CIV2263 Water systems</th>
</tr>
</thead>
<tbody>
<tr>
<td>YEAR 4</td>
<td>Semester 2</td>
<td>CIV3284 Design of concrete and masonry structures</td>
<td>CIV3204 Engineering investigation</td>
<td>CIV2282 Transport and traffic engineering</td>
<td>CIV3247 Geomechanics 2</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>YEAR 5</th>
<th>Semester 1</th>
<th>CIV280 Bridge design and assessment</th>
<th>CIV3285 Engineering hydrology</th>
<th>ARC3001 Architecture design studio 5</th>
<th>ENGO001 Continuous Professional Development (0 credit points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>YEAR 5</td>
<td>Semester 2</td>
<td>CIV4212 Civil engineering practice 4</td>
<td>CIV4210 Project A</td>
<td>CIV4287 Road engineering</td>
<td>CIV4288 Water treatment</td>
</tr>
</tbody>
</table>

Note:
- You cannot swap the semesters of any of the units.
- All students are required to complete at least 420 hours of Continuous Professional Development (CPD) in order to graduate. For further information refer to the CPD webpage.
- For enrolment advice, please refer to the Course advisers webpage.
- This course map is a guide and subject to updates.

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