Course progression map for 2020 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. Update version: 4 December 2019

**Entry level 1 - Duration: 1.5 years**

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
<th>CIV5899 Infrastructure information management</th>
<th>CIV5310 Infrastructure project and policy evaluation</th>
<th>Professional enhancement unit</th>
<th>Professional enhancement unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1 Semester 2</td>
<td>CIV5313 Asset management</td>
<td>CIV5889 Infrastructure project</td>
<td>Professional enhancement unit</td>
<td>Professional enhancement unit</td>
</tr>
<tr>
<td>Year 2 Semester 1</td>
<td>CIV5323 Project risk management</td>
<td>Professional enhancement unit</td>
<td>Professional enhancement unit</td>
<td>Professional enhancement unit</td>
</tr>
</tbody>
</table>

**Entry level 2 – Duration: 1 year**

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
<th>CIV5899 Infrastructure information management</th>
<th>CIV5310 Infrastructure project and policy evaluation</th>
<th>Professional enhancement unit</th>
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</tr>
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<tr>
<td>Year 1 Semester 2</td>
<td>CIV5313 Asset management</td>
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</tr>
</tbody>
</table>

Detailed information and semester offering for each elective unit is available in the Handbook https://handbook.monash.edu

**Professional enhancement units**

- CIV5301 Advanced traffic engineering
- CIV5302 Traffic engineering and management
- CIV5304 Intelligent transport systems
- CIV5314 Planning urban mobility futures
- CIV5315 Transport economics
- CIV5316 Fundamentals of urban public transport
- EDF5637 Inner leadership: Understanding self and others
- MKF5917 Understanding marketing and consumers

The following units require prior technical knowledge in civil engineering

- CIV5881 Groundwater hydrology
- CIV5882 Flood hydraulics and hydrology
- CIV5883 Surface water hydrology
- CIV5884 Water sensitive stormwater design
- CIV5885 Infrastructure dynamics
- CIV5886 Infrastructure geomechanics
- CIV5887 Infrastructure rehabilitation and monitoring
- CIV5888 Advanced computational methods