

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](#). Please note that the map is subject to updates. Update version: 29 October 2020

E6008 Master of Infrastructure Engineering and Management

Entry level 1 - Duration: 1.5 years

Year 1 Semester 1	CIV5899 Infrastructure information management	CIV5310 Infrastructure project and policy evaluation	Professional enhancement unit	Professional enhancement unit
Year 1 Semester 2	CIV5313 Asset management	CIV5889 Infrastructure project	CIV5323 Project risk management	Professional enhancement unit
Year 2 Semester 1	Professional enhancement unit	Professional enhancement unit	Professional enhancement unit	Professional enhancement unit

Entry level 2 – Duration: 1 year

Year 1 Semester 1	CIV5899 Infrastructure information management	CIV5310 Infrastructure project and policy evaluation	Professional enhancement unit	Professional enhancement unit
Year 1 Semester 2	CIV5313 Asset management	CIV5889 Infrastructure project	CIV5323 Project risk management	Professional enhancement unit

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

Professional enhancement units

[APG5140](#) Guiding principles for professionals engaged in disasters and humanitarian crises

[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

[MKF5917](#) Driving organisational value through marketing

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