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 February 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 | Professional enhancement unit | Professional enhancement unit |
| Year 2 Semester 1 | CIV5323 Project risk management | 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 |
| Year 2 Semester 1 | | | | |

This course map is subject to updates.

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
MKFS917 Understanding marketing and consumers

The following units require prior technical knowledge in civil engineering:

CIV581 Groundwater hydrology
CIV582 Flood hydraulics and hydrology
CIV583 Surface water hydrology
CIV584 Water sensitive stormwater design
CIV585 Infrastructure dynamics
CIV586 Infrastructure geomechanics
CIV587 Infrastructure rehabilitation and monitoring
CIV588 Advanced computational methods

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Source: Monash University 2020 Handbook
CRICOS Provider Number: 00008C

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