

# Master of Engineering (Professional) (Civil Engineering and Sustainable Infrastructure)

Useful study planning/enrolment resources:

- [Course and Subject Handbook](#)
- [Academic Calendars](#)
- [Class Registration](#)
- [Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

**Attention International Student visa holders:** To remain compliant with your enrolments requirements as a Student visa holder you are required to enrol in at least one On-Campus, Multi-Modal or WIL subject offering in each compulsory study period and you cannot enrol in more than one third (33%) of your total course load through online or distance learning. To complete your course within your CoE duration students must maintain sufficient subject enrolment.

**If you are receiving US Federal Aid**, there are further compliance considerations. Please contact [financialaid@jcu.edu.au](mailto:financialaid@jcu.edu.au) to confirm compliance of your subject selections.

**Student Resources:** If you require advice about your study plan, choosing electives, or which subjects to enrol in, please contact your major advisor or degree coordinator ([CSE Course and Major Advisors](#)). For information on available elective subject options please also refer to the Study Area guide ([2026 JCU STUDY AREA GUIDE — College of Science & Engineering](#)).

Your plan may include subjects labelled with **\*Intensive on-campus requirements**. These subjects involve mandatory on-campus or fieldwork attendance with extended hours over a dedicated face-to-face period. Please check the face-to-face dates for the subject in the [subject handbook](#) and do not enrol in subjects with overlapping face-to-face dates. For more information, see the CSE Student Guide to Succeeding in Trimester 2 Intensives on the CSE [Student Resources](#) webpage.

|      | TRIMESTER 1 | TRIMESTER 2 | TRIMESTER 3  |
|------|-------------|-------------|--|
| 2026 |             |             | EG5210:03 Risk Engineering and Systems Safety  |
|      |             |             | <b>Major</b><br>CS5303:03 Design of Structures and the Use of Codes and Standards          |
|      |             |             | Select 3 credit points of a level 3, 4 or 5, CC, CP, CS, EA, EE, EG, EV, MA, or ME subject |

|      | TRIMESTER 1   | TRIMESTER 2   | TRIMESTER 3  |
|------|---|---|--|
| 2027 | MA5800:03 Foundations for Data Science  | EG5311:03 Research Project 1<br><i>PREREQ: 18 credit points of subjects within the Master of Engineering (Professional)</i>                                 | EG5312:03 Research Project 2<br><i>PREREQ: EG5311</i>                          |
|      | <b>BLOCK 2 (Mar-Apr)</b>  |   |  |
|      | <b>Major</b><br>CS4001:03 Foundation Engineering and Rock Mechanics<br><i>PREREQ: CS3002 or admitted to 118304 MEng(Prof)</i> | LB5205:03 People in Organisations   | <b>Major</b><br>Select 3 credit points of subjects from <a href="#">List 1</a> |
|      | <b>BLOCK 2 (Mar-Apr)</b>  | <b>Major</b><br>CS4010:03 Finite Element Analysis and Structural Dynamics<br><i>PREREQ: (EG1002 and CS3000 and MA2000) or admitted to 118304 MEng(Prof)</i> |  |
|      | <b>Major</b><br>CS5300:03 Structural Analysis and Computer Methods  |   |  |

|      | TRIMESTER 1                    | TRIMESTER 2  | TRIMESTER 3 |
|------|--------------------------------|--|-------------|
| 2028 | EG5300:06 Engineering Practice | EG5220:03 Advanced Asset Management and Reliability                                  |             |
|      |                                | <b>Major</b><br>CS5203:03 Application of Structural Design Loads                     |             |
|      |                                | <b>Major</b><br>CS5405:03 Advanced Civil Engineering Design<br><i>PREREQ: CS5303</i> |             |

**COURSE HANDBOOK**

[Master of Engineering \(Professional\)](#)

[Civil Engineering and Sustainable Infrastructure Major](#)