

Master of Engineering Science (MENS) - MEngSci

CRICOS code (International applicants): 067689G

	On-campus	Distance education
Semester intake:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)
Campus:	Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Standard duration:	2 years full-time or 4 years part-time	
Pr	From: Graduate Certificate of Engineering Science ; Graduate Diploma of Engineering Science	

- provide a pathway to doctoral higher degree studies.
- enable students to acquire, and demonstrate that they possess, the Engineer's Australia Stage 1 graduate attributes, competencies and capabilities.
- enable students to acquire expert, specialised cognitive and technical skills in a body of knowledge or practice in one of the following fields:
 - Agricultural Engineering
 - Applied Telecommunications
 - Civil Engineering
 - Electrical and Electronic Engineering
 - Environmental Engineering
 - Geographic Information Systems
 - Mechanical Engineering
 - Power Engineering
 - Structural Engineering
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Residential schools

Students are required to undertake practical and professional activities relevant to their program through enrolment in a series of Practice courses in the program. Practice courses are zero unit courses that may be undertaken in either on-campus or external mode and the final grades available are Pass (P)/Fail (F) only. They are a compulsory part of the program and do not attract a student contribution charge for Australian residents or a tuition fee for international students. The recommended enrolment schedule for Practice courses is shown in the Recommended Enrolment Pattern for the program in this Handbook.

External students must attend a number of [residential schools](#) during their program to obtain experience in practical and professional activities appropriate to the program. The residential schools are included in Practice courses which are conducted in Semester 3 or during the recess periods. The dates for each residential school Practice course are shown in the [Residential School schedule](#) in this Handbook and external students should ensure they are able to attend the residential school prior to enrolling in a Practice course. Personal protective equipment is compulsory in many engineering, construction and spatial science laboratories, students should confirm the requirements before attending residential schools for Practice courses.

Students who enrol in on-campus mode for Practice courses normally undertake a series of weekly activities and/or attend a compulsory residential school.

[ENG3902 Professional Practice 1](#) is to be studied in the student's penultimate year. Upon completion of [ENG3902 Professional Practice 1](#), students must study [ENG8411 Masters Engineering Research Project A](#) and [ENG8412 Masters Engineering Research Project B](#) and [ENG4903 Professional Practice 2](#) in the same academic year.

Exit points

Students who have completed four courses in the program may satisfy the requirements for the [Graduate Certificate of Engineering Science](#) and therefore may apply to exit the program with a [Graduate Certificate of Engineering Science](#) or [Graduate Certificate of Engineering Technology](#).

Students who have completed eight courses in the program may satisfy the requirements for the [Graduate Diploma of Engineering Science](#) and therefore may apply to exit the program with a [Graduate Diploma of Engineering Science](#).

Credit

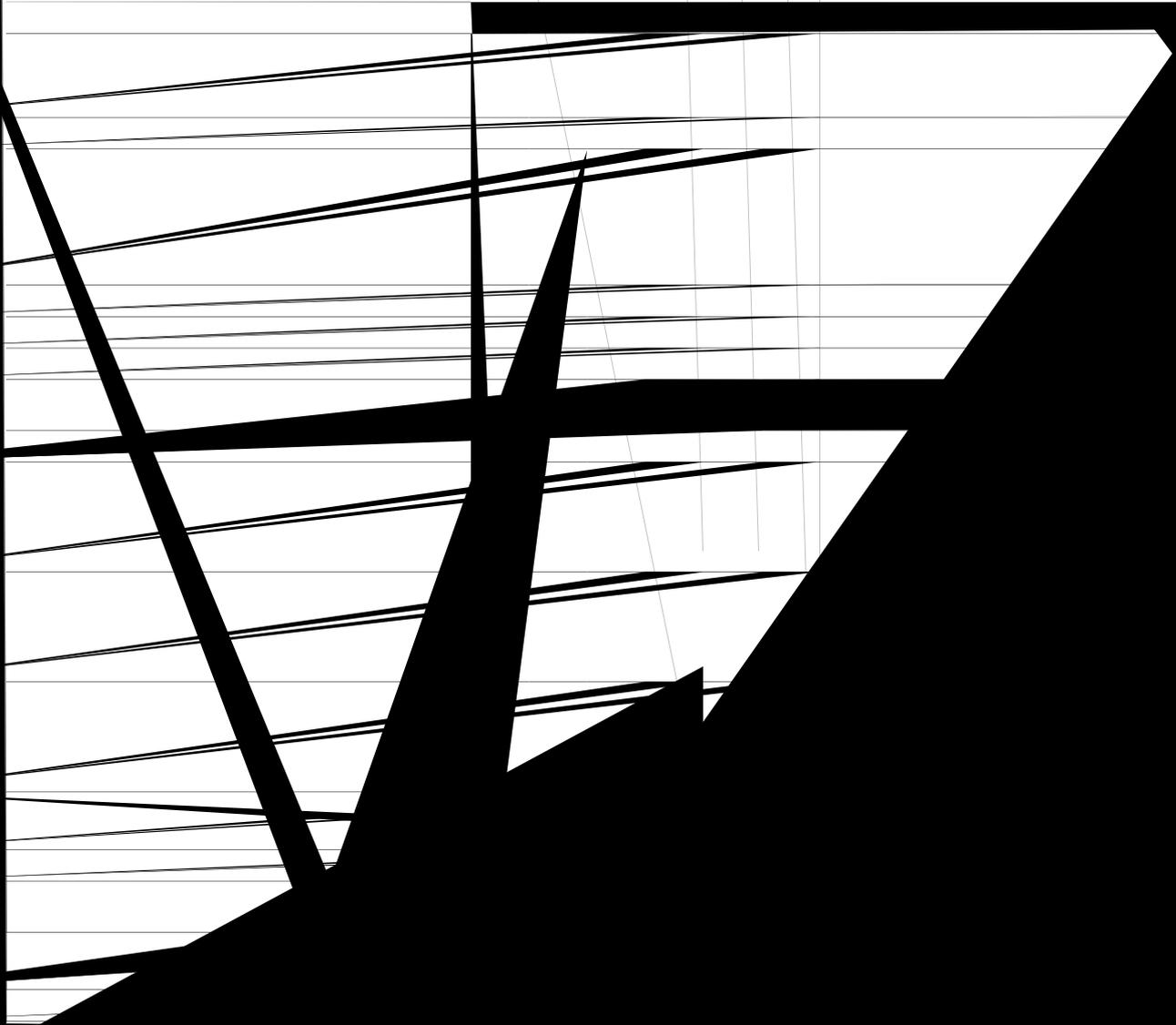
Exemptions/credit will be assessed based on the [USQ Credit and Exemption Procedure](#).

Enrolment

Students should note that some of the courses specify enrolment requirements (prerequisites). Students should therefore refer to the Course Specification section of the USQ Web to determine the enrolment requirements for the courses they intend enrolling in. Students should avoid enrolling in courses for which they do not have sufficient pre-requisite knowledge. Students will be expected to rectify any deficiencies in their pre-requisite

Agricultural Engineering Major recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

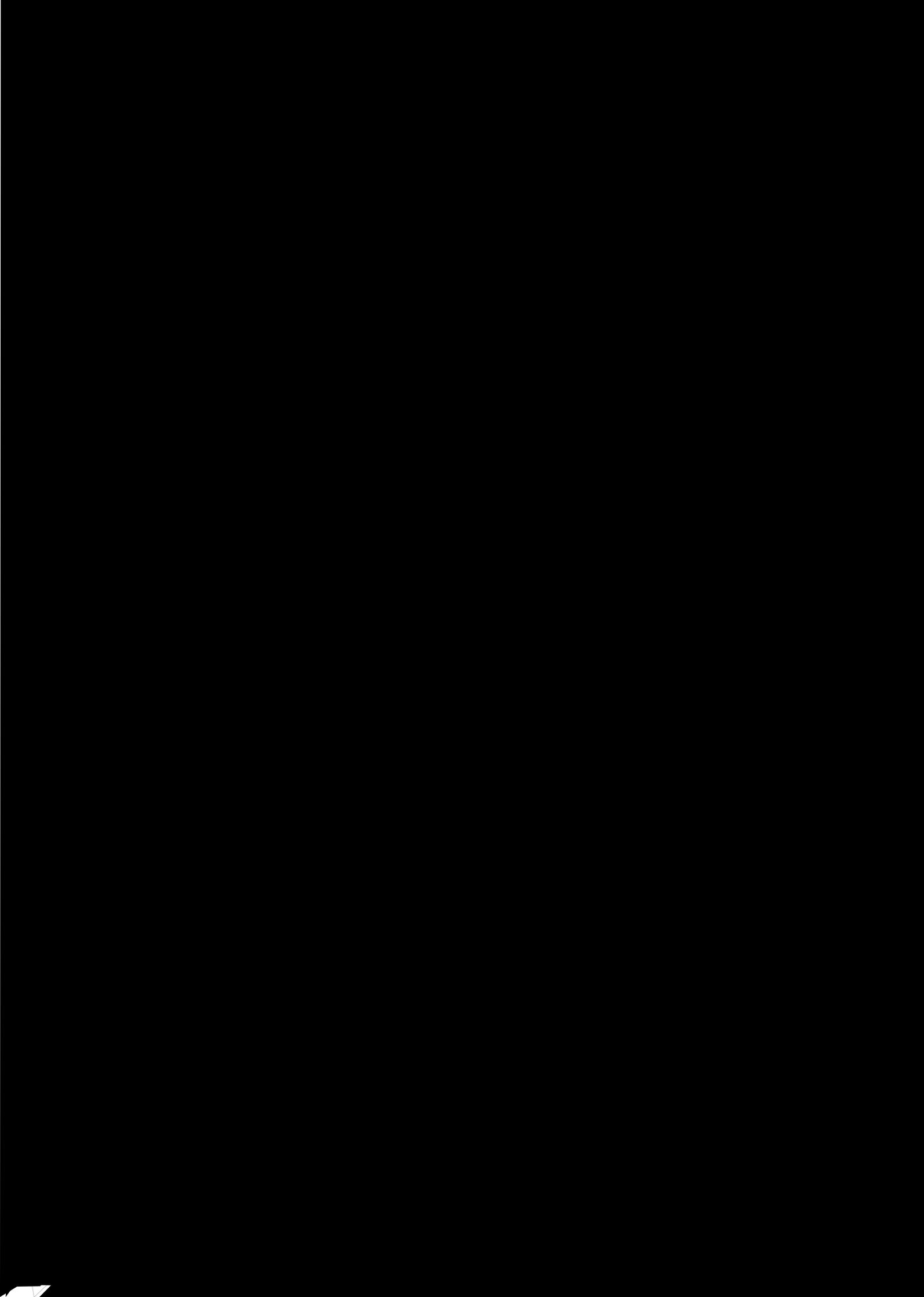


Footnotes

- # Students wishing to undertake a research project with a total of six units may enrol in [ENG8002](#) in lieu of [ENG8412](#) in Schedule A and two elective courses from Schedule C. Approval from the Faculty of Health, Engineering and Sciences is required to undertake a six unit research project prior to enrolling in [ENG8002](#).
- ~ Level 8 courses from other areas of study may be chosen as electives with the approval of the Faculty of Health, Engineering and Sciences.
- ^ On-campus students should enrol in the external mode.

Civil Engineering Major recommended enrolment pattern

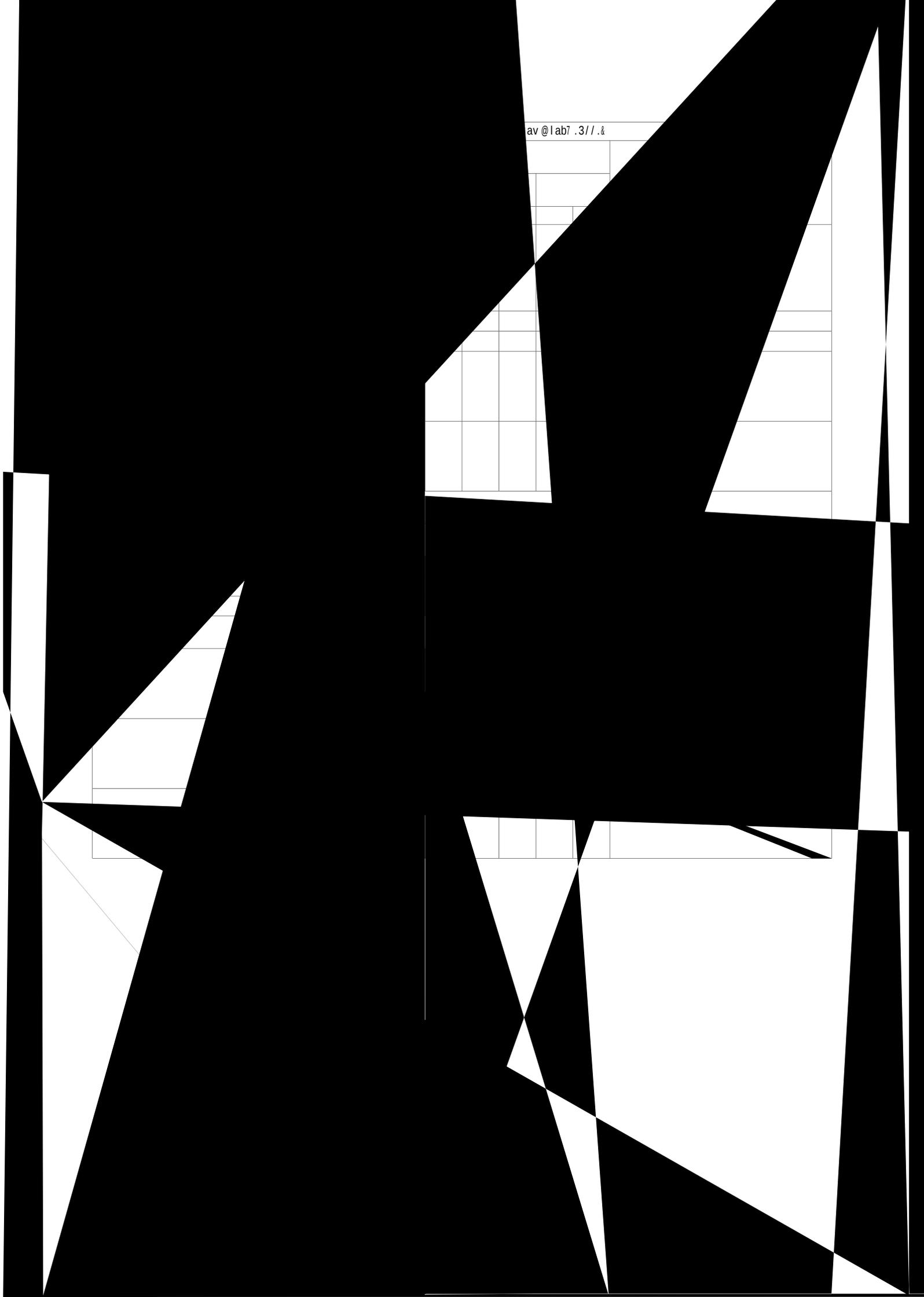
Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.



Footnotes

Students wishing to undertake a research project with a total of six units may enrol in [ENG8002](#) in lieu of [ENG8412](#) in Schedule

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	Vb^o	Pb j	Vb^o	Pb j	Vb^o	Pb j
Schedule D: Practice Courses Students must complete the following five practice courses.						
ENG3902 Professional Practice 1	1	2	3	2		
ENG4903 Professional Practice 2	2	1	4	2		Pre-requisite: ENG3902
ENG4909 Work Experience - Professional^	2		4	1,3		
CIV3907 Civil Systems Practice^	1		1	3		Pre-requisite: CIV2503 or Students must be enrolled in one of the following Programs: GDNS or MENS
CIV4908 Civil Design Practice^	2		2	2		Pre-requisite: CIV4508 or Students must be enrolled in one of the following Programs: MEPR or GDNS or MENS

Footnotes

- # Students wishing to undertake a research project with a total of six units may enrol in [ENG8002](#) in lieu of [ENG8412](#) in Schedule A and two elective courses from Schedule C. Approval from the Faculty of Health, Engineering and Sciences is required to undertake a six unit research project prior to enrolling in [ENG8002](#).
-] Offered odd years only
- > This course is not offered in the on-campus mode. On-campus students should enrol in the online mode of this course.
- ~ Level 8 courses from other areas of study may be chosen as electives with the approval of the Faculty of Health, Engineering and Sciences.
- ‡ The semester 3 offering of this course is offered in even numbered years only.
- ^ On-campus students should enrol in the external mode.

Surveying Major recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.
