The trimester transition for JCU Engineering

Advice for current students

JAMES COOK UNIVERSITY AUSTRALIA

Overview for current students

From 2025:

- There is a new academic calendar based on trimesters and block mode subjects.
- The list of subjects in each engineering major has changed, to modernise the curriculum. These changes will affect some current students.
- Bachelor of Engineering students now have more flexibility with electives (including revised minors and a better “no minor” option). This increased flexibility will help current students optimise their study plan based on the new trimester subject availabilities.

The new academic calendar

The new calendar is shown in Figure 1. Trimesters have a total of 10 weeks of class, with a lecture recess in the middle of the study period, a study vacation (SWOTVAC) and a one-week exam period. Notice that the trimester 2 lecture recess is two weeks long, to align with the Queensland school holidays.

To increase the time available for vacation work placement over the summer, undergraduate subjects in years 3 – 4 will not hold classes during the first half of trimester 1. Instead, the subjects will be offered in Block 2, which coincides with the second half of the trimester. Block subjects have 6 weeks of class, followed by an assessment period in the 7th week. There is no formal exam period; instead, the 7th week will be used for due dates for assignments, assignment presentations, and in-class quizzes.

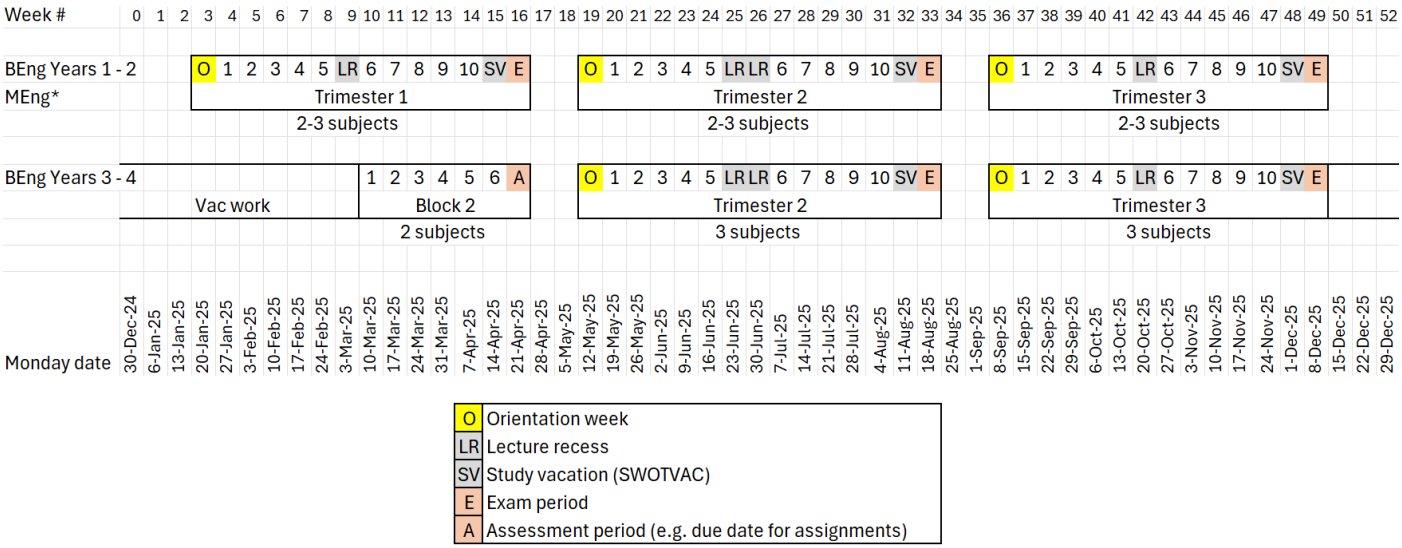

*Figure 1: The new academic calendar as used in JCU Engineering. *Masters of Engineering (Professional) students will have occasional block mode subjects in block 2 when those subjects are co-taught with an undergraduate subject.*

General suggested course schedules

Bachelor of Engineering (Honours)

	TR1			TR2			TR3		
Year 1	EG1000	EG1002	MA1000	MA1003	PH1005	EG1011	EG1010	EG1012	
Year 2	MA2000	Major	Minor	Major	Major	Minor	Major	Major	Major

	Summer	Block 2		TR2			TR3		
Year 3	Vac work	EG3000	Major	Major	Major	Major	Major	Major	Minor
Year 4	Vac work	Major	Major	EG4011	Major	Major	EG4012	Minor	

Figure 2: Suggested schedule for the Bachelor of Engineering (Honours).

Current first years are advised to consider the general schedule shown in Figure 2. This schedule includes a recommendation to study 9 subjects in second year, which facilitates a lighter load in fourth year when doing your thesis. This small overload in second year is optional and students may instead choose to study 8 subjects in every year. Notice that time is available for summer vacation work between years 2 and 3, and again between years 3 and 4.

Dual degrees with Science and Information Technology

	TR1			TR2			TR3		
Year 1	EG1000	EG1002	MA1000	MA1003	PH1005	EG1011	EG1010	EG1012	
Year 2	MA2000	Eng major	IT/Sci	Eng major	Eng major	IT/Sci	Eng major	Eng major	IT/Sci

	TR1		Block 2	TR2			TR3		
Year 3	IT/Sci	IT/Sci	EG3000	Eng major	Eng major	IT/Sci	Eng major	Eng major	IT/Sci
Year 4	IT/Sci	IT/Sci	Eng major	Eng major	Eng major	IT/Sci	Eng major	IT/Sci	IT/Sci

	Summer	Block 2		TR2			TR3		
Year 5	Vac work	Eng major	Eng major	EG4011	IT/Sci	Eng major	EG4012	IT/Sci	IT/Sci

Figure 3: Suggested schedule for the Bachelor of Engineering (Honours) / Bachelor of Science and Bachelor of Engineering (Honours) / Bachelor of Information Technology.

A suggested arrangement for dual degrees is shown in Figure 3. Note that you won't need to use all the slots allocated for IT or Science subjects as shown in yellow. The degree structure requires 12 IT or Science subjects, but there are 15 available spaces.

Students will need to schedule their TR1 IT or Science subjects with consideration of their intended vacation work timing. The example here provides time for vac work between years 4 and 5, but other arrangements are possible, depending on students' specific subject choices.

Other block modes subjects in science

Some science subjects (mainly in the biological sciences and geology) are using Blocks 3 and 4, which are concurrent with Trimester 2. A key motivation is to run field trips during the dry season. Students enrolling in such science block mode subjects need to be aware of the workload implications of concurrent trimester and block mode subjects. Recommended limits are shown in Table 1.

Table 1: Recommendations for concurrent block and trimester subjects.

TR2 subjects	Block 3 subjects	Block 4 subjects	Study load
2	1	-	OK
2	-	1	OK
1	1	1	OK
1	2	-	Not recommended
1	-	2	Not recommended
0	2	-	OK – but check face-to-face dates
0	-	2	OK – but check face-to-face dates

Some science subjects in blocks 3 and 4 have intensive face-to-face teaching dates within a specific 2-week period. The 6-week block 3 is subdivided into three 2-week periods called 3A, 3B and 3C, and similarly for block 4. Students should not concurrently enrol in two subjects with clashing intensive dates. The full schedule is available on the CSE Study Area Guide. Consult the academic advisor for your science major for more information.

Master of Engineering (Professional)

	TR1			TR2			TR3		
Year 1	MA5800	Major	Major	LB5205	Major		EG5200	EG5210	Major
Year 2	EG5300			EG5311	EG5220	Major	EG5312	Major	Elective

Figure 4: Suggested schedule for the Master of Engineering (Professional).

In the Master of Engineering (Professional), several variations are possible. An example is shown in Figure 4.

For students on an articulation agreement (e.g. XUT)

The study plan provided is for general students. If you are on an articulation plan with a partner university, please get in touch with the Articulation Program Coordinator to receive a tailored study plan.

Curriculum changes

The engineering majors have changed, based on input from the academic disciplines and industry advisory board subcommittees. Some of these changes affect existing students, depending on which subjects you have already completed. The specific changes are listed on the following pages.

JCU Enrolments are aware of these changes. You should have already received a personalised study plan that includes these changes. However, you're encouraged to check and take responsibility for your own study plan. The information below is provided to help you "solve your own problems" to determine which subjects you should be required to complete.

Undergraduate Civil engineering

Changes

- Add CP1407 Introductory Machine Learning and Data Science.
- Fluid mechanics content was redesigned:
  - Remove ME2512 Thermofluid Mechanics
  - Remove CS3008 Fluid Mechanics
  - Add a new subject EG2008 Fluid Mechanics.
- CS3004 renamed from Transportation Engineering to Surveying, Construction and Transportation Engineering.
- CS2004 (which was an elective) disestablished, and its content has been moved into the core of the degree in CS3004.

Transition plan

- Any student who has not passed CS3008 Fluid Mechanics will have it removed from their study plan and replaced by EG2008 Fluid Mechanics from 2025.
- Any student who has not passed ME2512 Thermofluid Mechanics will have it removed from their study plan (because the subject will no longer be offered) and have it replaced by CP1407 Introductory Machine Learning and Data Science from 2025.
- CS4010 will run in TR3 in 2025 to support current third years, then will change to TR2 in 2026 and beyond.

Recommended schedule

	Pre-2025								2025 Onwards								
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
Year 1	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003	EG1000	EG1002	MA1000	EG1011	MA1003	PH1005	EG1010	EG1012	
Year 2	CS2001	CS2002	MA2000	ME2512	CS2003	CS2005	CS3008	Elective	MA2000	CS2001	Elective	CP1407	CS2003	Elective	CS2002	CS2005	EG2008
Year 3	EG3000	CS3000	CS3001	Elective	CS3002	CS3003	CS3004	Elective	EG3000 (B2)	CS3000 (B2)		CS3001	CS3004	CS4008	CS3002	CS3003	Elective
Year 4	CS4001	CS4002	CS4010	EG4011	CS4005	CS4008	EG4012	Elective	CS4001 (B2)	CS4002 (B2)		CS4005	CS4010	EG4011	EG4012		Elective
2024 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003									
2025									MA2000	CS2001	Elective	CP1407	CS2003	Elective	CS2002	CS2005	EG2008
2026									EG3000 (B2)	CS3000 (B2)		CS3001	CS3004	CS4008	CS3002	CS3003	Elective
2027									CS4001 (B2)	CS4002 (B2)		CS4005	CS4010	EG4011	EG4012		Elective
2023 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	CS2001	CS2002	MA2000	ME2512	CS2003	CS2005	CS3008	Elective									
2025									EG3000 (B2)	CS3000 (B2)		CS3001	CS3004	CS4008	CS3002	CS3003	Elective
2026									CS4001 (B2)	CS4002 (B2)		CS4005	CS4010	EG4011	EG4012		Elective
2022 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	EG3000	CS3000	CS3001	Elective	CS3002	CS3003	CS3004	Elective									
2025									CS4001 (B2)	CS4002 (B2)		CS4005	CS4008	EG4011	EG4012	CS4010	Elective

Undergraduate Mechanical engineering

Changes

- Add CP1407 Introductory Machine Learning and Data Science.
- Fluid mechanics content was redesigned:
  - Remove ME2512 Thermofluid Mechanics
  - Remove CS3008 Fluid Mechanics
  - Add a new subject EG2008 Fluid Mechanics.

Transition plan

- Any student who has not passed CS3008 Fluid Mechanics will have it removed from their study plan and replaced by EG2008 Fluid Mechanics from 2025.
- Any student who has not passed ME2512 Thermofluid Mechanics will have it removed from their study plan (because the subject will no longer be offered) and have it replaced by CP1407 Introductory Machine Learning and Data Science from 2025.

Recommended schedule

	Pre-2025								2025 Onwards								
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
Year 1	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003	EG1000	EG1002	MA1000	PH1005	EG1011	MA1003	EG1010	EG1012	
Year 2	MA2000	ME2512	ME2521	CS2001	ME2525	EG2010	EE3600	Minor 1	MA2000	CS2001	Elective	EG2010	CP1407	Elective	ME2525	ME2521	EG2008
Year 3	EG3000	ME3511	ME3515	EG3001	CS3008	ME3512	ME3525	Minor 2	EG3000 (B2)	EG3001 (B2)		ME3512	ME3515	ME3511	ME3525	EE3600	Elective
Year 4	EG4011	ME4513	Minor 3	Minor 4	EG4012	EG4013	ME4522	ME4515	ME4513 (B2)	ME4515 (B2)		ME4522	EG4013	EG4011	EG4012	Elective	
2024 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003									
2025									MA2000	CS2001	Elective	EG2010	CP1407	Elective	ME2525	ME2521	EG2008
2026									EG3000 (B2)	EG3001 (B2)		ME3512	ME3515	ME3511	ME3525	EE3600	Elective
2027									ME4513 (B2)	ME4515 (B2)		ME4522	EG4013	EG4011	EG4012	Elective	
2023 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	MA2000	ME2512	ME2521	CS2001	ME2525	EG2010	CS3008/ EE3600	Minor 1									
2025									EG3000 (B2)	EG3001 (B2)		ME3512	ME3515	ME3511	ME3525	EE3600/ EG2008	Elective
2026									ME4513 (B2)	ME4515 (B2)		ME4522	EG4013	EG4011	EG4012	Elective	Elective
2022 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	EG3000	ME3511	ME3515	EG3001	CS3008	ME3512	ME3525	EE3600 (Option: Minor)									
2025									ME4513 (B2)	ME4515 (B2)		ME4522	EG4013	EG4011	EG4012	Elective	Elective

Undergraduate Chemical engineering

Changes

- Add CP1407 Introductory Machine Learning and Data Science.
- Fluid mechanics content was redesigned:
  - Remove ME2512 Thermofluid Mechanics
  - Remove CS3008 Fluid Mechanics
  - Add a new subject EG2008 Fluid Mechanics.

Transition plan

- Any student who has not passed CS3008 Fluid Mechanics will have it removed from their study plan and replaced by EG2008 Fluid Mechanics from 2025.
- Any student who has not passed ME2512 Thermofluid Mechanics will have it removed from their study plan (because the subject will no longer be offered) and have it replaced by CP1407 Introductory Machine Learning and Data Science from 2025.
- CL4538 will run in TR3 in 2025 to support current third years, then will change to TR2 in 2026 and beyond.

Recommended schedule

	Pre-2025								2025 Onwards								
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
Year 1	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003	EG1000	EG1002	MA1000	PH1005	EG1011	MA1003	EG1010	EG1012	
Year 2	MA2000	CL2501	CH1001	ME2512	CH1001	CL2502	CS3008	Minor	MA2000	CL2501	Elective	CH1001	CP1407	Elective	EG2008	CH1002	CL2502
Year 3	EG3000	CL3021	CL3030	Minor	CH2103	EE3600	ME3512	Minor	EG3000 (B2)	CL3021 (B2)		CL3030	CL4537	ME3512	EE3600	Elective	CH2103
Year 4	EG4011	CL4040	CL4071	Minor	EG4012	CL4537	CL4072	CL4538	CL4040 (B2)	CL4071 (B2)		EG4011	CL4538	CL4072	EG4012	Elective	
2024 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003									
2025									MA2000	CL2501	Elective	CH1001	CP1407	Elective	EG2008	CH1002	CL2502
2026									EG3000 (B2)	CL3021 (B2)		CL3030	CL4537	ME3512	EE3600	Elective	CH2103
2027									CL4040 (B2)	CL4071 (B2)		EG4011	CL4538	CL4072	EG4012	Elective	
2023 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	MA2000	CL2501	CH1001	ME2512	CH1001	CL2502	CS3008	Minor									
2025									EG3000 (B2)	CL3021 (B2)		CL3030	CL4537	ME3512	EE3600	Elective	CH2103
2026									CL4040 (B2)	CL4071 (B2)		EG4011	CL4538	CL4072	EG4012	Elective	Elective
2022 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	EG3000	CL3021	CL3030	Minor	CH2103	EE3600	ME3512	Minor									
									CL4040 (B2)	CL4071 (B2)		EG4011	CL4537	CL4072	EG4012	CL4538	Elective

Undergraduate Electrical and Electronic engineering

Changes

- Add CP1404 Programming 2.
- Add CP1407 Introductory Machine Learning and Data Science.
- Add new subject EE4310 Power Electronics.
- Remove CC2510 Digital Logic and Computing Methods [some content merging into CC2511].
- Remove EE4010 Analog Signals and Filters.
- Remove EG4013 Asset Management, Maintenance and Reliability.

Transition plan

- Any student who has not passed CC2510 Digital Logic and Computing Methods will have it removed from their plan and replaced by CP1404 Programming 2 or CP1407 Introductory Machine Learning and Data Science, at the students' choice. Students are highly advised to check their study plans to determine in which trimesters they have free slots.
- Any student who has not passed EE4010 Analog Signals and Filters will have it removed from their plan and replaced by EE4310 Power Electronics.
- Any student who has not passed EG4013 Asset Management, Maintenance and Reliability may choose (at their discretion) to keep it on their study plan or to replace it with their choice of CP1404 Programming 2, CP1407 Introductory Machine Learning and Data Science, or EE4310 Power Electronics.

Recommended schedule

	Pre-2025								2025 Onwards								
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
Year 1	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003	EG1000	EG1002	MA1000	PH1005	MA1003	EG1011	EG1010	EG1012	
Year 2	MA2000	CC2510	EE2201	PH2019	CC2511	EE2300	EE3600	Elective	CC2511	MA2000	Elective	EE2201	PH2019	Elective	CP1404	EE2300	EE3600
Year 3	EG3000	EE3010	EE3300	EE3400	CC3501	EE3700	EE4600	Elective	EE3300 (B2)	EG3000 (B2)		CC3501	CP1407	EE3010	EE3700	EE3400	Elective
Year 4	EG4011	EE4010	Elective	Elective	EG4012	EE4400	EE4500	EG4013	EE4600 (B2)	EE4500 (B2)		EE4400	EE4310	EG4011	Elective	EG4012	
2024 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003									
2025									CC2511	MA2000		EE2201	PH2019	Elective	**CP1404**	EE2300	EE3600
2026									EE3300 (B2)	EG3000 (B2)		CC3501	**CP1407**	EE3010	EE3700	EE3400	Elective
2027									EE4600 (B2)	EE4500 (B2)		EE4400	**EE4310**	EG4011	Elective	EG4012	
2023 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	MA2000	CC2510	EE2201	PH2019	CC2511	EE2300	EE3600	Elective									
2025									EE3300 (B2)	EG3000 (B2)		CC3501	**CP1407**	EE3010	EE3700	EE3400	EE3600
2026									EE4600 (B2)	EE4500 (B2)		EE4400	**EE4310**	EG4011	Elective	EG4012	
2022 intake																	
	SP1				SP2				TR1, Block 2 (B2)			TR2			TR3		
2024	EG3000	EE3010	EE3300	EE3400	CC3501	EE3700	EE4600	Elective									
									EE4600 (B2)	EE4500 (B2)		EE4400	**EE4310**	EG4011	EG4012	Elective	Elective

Undergraduate Electronic Systems and Internet of Things engineering

Changes

- Add SC2202 Quantitative Methods in Science.
- Add MA3832 Neural Networks and Deep Learning.
- Replace CC4950 Design Project with EE4500 Electrical and Electronic Systems Design Project.
- Remove CC2510 Digital Logic and Computing Methods [some content merging into CC2511].
- Remove CP3404 Information Security.

Situation	Transition strategy
Student has not passed CC2510	Remove CC2510 from the study plan and replace it with SC2202 Quantitative Methods in Science.
Student has not passed CC4950 Design Project	Remove CC4950 from the study plan and replace it with EE4500 Design Project.
Student has not passed CP3404 or MA3405	At the student's option, keep CP3404 or remove it from the study plan and replace it with SC2202 Quantitative Methods in Science. Students are highly advised to check their study plans to determine in which trimesters they have free slots.
Student has not passed CP3404 but has passed MA3405	At the student's option, keep CP3404 or remove it from the study plan and replace it with MA3832 Neural Networks and Deep Learning. Students are highly advised to check their study plans to determine in which trimesters they have free slots.

Recommended schedule

	Pre-2025								Pre-2025			2025 Onwards								
	SP1				SP2				TR1	TR2	TR3	TR1, Block 2 (B2)			TR2			TR3		
Year 1	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003				EG1000	EG1002	MA1000	PH1005	EG1011	MA1003	EG1010	EG1012	
Year 2	MA2000	EE2201	CC2510	PH2019		EE2300	CC2511	Minor			CP1404	MA2000	CC2511	Elective	EE2201	PH2019	Elective	CP1404	EE2300	SC2202 (also TR1)
Year 3	EG3000	EE3010	EE3901	Minor	CC3501	EE3600	EE3700	MA3405				EG3000 (B2)	EE3901 (B2)		CP3406	CC3501	EE3010	EE3600	EE3700	MA3405 (also TR1)
Year 4	EG4011	CC4510		Minor	EG4012	CC4950		Minor		CP3406	CP3404	EE4500			EG4011	CC4510	MA3832	EG4012	Elective	Elective
2024 intake																				
	SP1				SP2				TR1	TR2	TR3	TR1, Block 2 (B2)			TR2			TR3		
2024	EG1000	EG1002	MA1000	PH1005	EG1010	EG1011	EG1012	MA1003												
2025												MA2000	CC2511	Elective	EE2201	PH2019	Elective	CP1404	EE2300	SC2202 (also TR1)
2026												EG3000 (B2)	EE3901 (B2)		CP3406	CC3501	EE3010	EE3600	EE3700	MA3405 (also TR1)
2027												EE4500			EG4011	CC4510	MA3832	EG4012	Elective	Elective
2023 intake																				
	SP1				SP2				TR1	TR2	TR3	TR1, Block 2 (B2)			TR2			TR3		
2024	MA2000	EE2201	CC2510	PH2019		EE2300	CC2511	Minor			CP1404									
2025												EG3000 (B2)	EE3901 (B2)		CP3406	CC3501	EE3010	EE3600	EE3700	MA3405
2026												EE4500	Elective*		EG4011	CC4510	MA3832	EG4012	Elective	Elective
													*if a block 2 elective is needed, consider EE3300; otherwise any TR1 elective is suitable							
2022 intake																				
	SP1				SP2				TR1	TR2	TR3	TR1, Block 2 (B2)			TR2			TR3		
2024	EG3000	EE3010	EE3901	Minor	CC3501	EE3600	EE3700	MA3405												
												EE4500	Elective*		EG4011	CC4510	CP3406	EG4012	CP3404	Elective

Postgraduate Water Resource Management major

Changes

- Remove EA5016 Hydrology.
- Add CS5202 Advanced Catchment, Stream and Lake Engineering [co-taught CS2002]
- Elective options changing: Removing CS2002 [now a core subject]. Added more options to choose: EG3000 Systems Engineering and Project Management, CS4005 Civil Engineering Design, CP5632 Programming 2, CP5603 Advanced E-Security.

Transition plan

Existing students can continue as planned.

Recommended schedule

Study plans for TR1 and TR3 entry - 2025

TR 1 (include B1 or B2) Entry (For General International Students)												
		TR1 (include B1 or B2 entry)				TR2 (Include B3, B4)				TR3 (Include B5, B6)		
	Subject	1	2	3		4	5	6		7	8	9
	Year One	MA5800	CS5402 (B2)	CS5208		LB5205	CS5308			EG5200	EG5210	CS5202
	Year Two	EG5300				EG5311	EG5220	EV5505 (B4)		EG5312	CS5108	Elective

Note that all subjects are in corresponding trimesters unless specified the block number allocated.

TR 3 Entry (For General International Students)												
		TR1 (include B1, B2)				TR2 (Include B3, B4)				TR3 Entry (Inculde B5, B6)		
	Subject	1	2	3		4	5	6		7	8	9
	Year One									EG5200	EG5210	Elective
	Year Two	MA5800	CS5402 (B2)	CS5208		EG5311	CS5308			EG5312	CS5108	CS5202
	Year Three	EG5300				LB5205	EG5220	EV5505 (B4)				

Transition for students entering in SP2 2024

2024 SP2 Entry (For General International Students)												
		TR1 (include B1, B2)				TR2 (Include B3, B4)				SP2 Entry		
	Subject	1	2	3		4	5	6		7	8	9
	2024								Elective	MA5800 (SP85)	LB5205 (TR3)	EG5220
	2025	CS5402 (B2)	CS5208	EG5311		EG5312	CS5308			CS5202	CS5108	EG5200
	2026	EG5300				LB5245	EV5505 (B4)					

Note: Replace EG5210 with subjefct LB5245 Risk Assessment and Quality Project Management (TR1,2,3 online)

Postgraduate Internet of Things and Data Engineering major

Changes

- Removed CC5501 Privacy and Security in IoT
- Added CP5603 Advanced E-Security.
- Elective options changing: Added EG3000 Systems Engineering and Project Management and CP5632 Programming 2

Transition plan

- Students who have not taken CC5501 Privacy and Security in IoT should instead take CP5603 Advanced E-Security.

Recommended schedule

Study plans for TR1 and TR3 entry - 2025

TR 1 Entry (For General International Students)												
		TR1 (include B1 or B2 entry)				TR2 (Include B3, B4)				TR3 (Include B5, B6)		
	Subject	1	2	3		4	5	6		7	8	9
	Year One	MA5800	EE5901(B2)	MA5820		MA5810	EG5220	LB5205		EG5200	CC5901	
	Year Two	EG5300		MA5832		EG5311	Elective			EG5210	EG5312	CP5603

TR 3 Entry (For General International Students)												
		TR1 (include B1, B2)				TR2 (Include B3, B4)				TR3 Entry (Inculde B5, B6)		
	Subject	1	2	3		4	5	6		7	8	9
	Year One									EG5210	CP5603	CC5901
	Year Two	MA5800	EE5901(B2)	MA5820		EG5311	MA5810	LB5205		EG5312	EG5200	
	Year Three	EG5300		MA5832		EG5220	Elective					

Transition for students entering in SP2 2024

2024 SP2 Entry (For General International Students)												
		TR1 (include B1, B2)				TR2 (Include B3, B4)			SP2 Entry			
	Subject	1	2	3		4	5	6		7	8	9
	2024								EG5220	LB5205 (TR3)	CP5603	CC5901
	2025	MA5800	EE5901(B2)	MA5820		EG5311	MA5810	Elective		EG5312	EG5200	EG5210
	2026	EG5300		MA5832								

Note: another choice is replace EG5210 with subjefct LB5245 Risk Assessment and Quality Project Management (TR1,2,3 online)

Postgraduate Electrical and Renewable Energy major

Changes

- Elective options changing: Removing EE4010 Analog because it will no longer be offered. Adding CP1407 Introductory Machine Learning and Data Science, EE3600 Automatic Control 1, CP5603 Advanced e-Security.

Transition plan

- Students who planned to undertake EE4010:03 Analog Signals and Filters in 2025 will need to select another option from List 1. Some content in EE4010 Analog Signals and Filters will be covered in Core Major EE5300 Electronics Applications.

Recommended schedule

Study plans for TR1 and TR3 entry - 2025

TR 1 Entry (For General International Students)												
		TR1 (include B1 or B2 entry)				TR2 (Include B3, B4)				TR3 (Include B5, B6)		
	Subject	1	2	3		4	5	6		7	8	9
	Year One	MA5800	EE5300 (B2)	EE5510 (B2)		EG5220	LB5205	EE5310		EG5200	EE5500	EE5610
	Year Two	EG5300				EG5311	EE5410			EG5312	EG5210	Elective

TR 3 Entry (For General International Students)												
		TR1 (include B1, B2)				TR2 (Include B3, B4)				TR3 Entry (Inculde B5, B6)		
	Subject	1	2	3		4	5	6		7	8	9
	Year One									EG5210	EE5500	EE5610
	Year Two	MA5800	EE5300 (B2)	EE5510 (B2)		EG5311	LB5205	EE5310		EG5312	EG5200	
	Year Three	EG5300				EG5220	EE5410	Elective				

Transition for students entering in SP2 2024

2024 SP2 Entry (For General International Students)												
		TR1 (include B1, B2)				TR2 (Include B3, B4)			SP2 Entry			
	Subject	1	2	3		4	5	6		7	8	9
	2024								EG5220	LB5205 (TR3)	EE5500	MA5800 (SP85)
	2025	EE5300 (B2)	EE5510 (B2)			EG5311	EE5310	Elective		EG5312	EG5200	EE5610
	2026	EG5300				EE5410	LB5245					

Note: Replace EG5210 with subjefct LB5245 Risk Assessment and Quality Project Management (TR1,2,3 online)

Further questions

If you have any further questions, then you should contact your course coordinator in the first instance.

It is possible to change the subjects in your study plan if your current curriculum would result in an overload or unreasonable delay in graduation. You should search for suitable replacement subjects (e.g. other engineering subjects or subjects from IT, math, physics, chemistry, business, etc). You can discuss your options with your course coordinator.

Bachelor of Engineering (Honours) and related joint degrees

Course coordinator: Dr. Kenny Leong
Email: kenneth.leong@jcu.edu.au
Phone: 07 4781 4249

Masters of Engineering (Professional)

Course coordinator: Dr. Kevin (Tao) Huang
Email: tao.huang1@jcu.edu.au
Phone: 07 4232 1545

JAMES COOK UNIVERSITY
AUSTRALIA

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