The information provided is designed to provide helpful information on your study plan. Changes to subject information after this time may affect your study plan. Please refer to the enrolment resources for up to date information.

Bachelor of Engineering (Honours) – Bachelor of Science
2020 Mid Year Entry

Please contact the Enrolment Team via enrolments@jcu.edu.au if you require a personalised planner once you have decided upon your Engineering and your Science majors.

		Teaching Period 2, 2020	
		Study Period 2	EG1012:03 Electric Circuits
		Study Period 2	EG1010:03 Process Engineering
		Study Period 2	3 credit point subjects from List 1
		Study Period 2	**Engineering or Science Major Subject**
Teaching Period 1, 2021		**Teaching Period 2, 2021**	
Study Period 1	MA1000:03 Mathematical Foundations **PREREQ: MA1020 or Maths B or Maths C**	Study Period 2	MA1003:03 Mathematical Techniques **PREREQ: MA1000**
Study Period 1	EG1000:03 Engineering 1	Study Period 2	EG1011:03 Statics and Dynamics **PREREQ: PH1005 or Physics and Maths C)**
Study Period 1	EG1002:03 Computing and Sensors	Study Period 2	**Engineering or Science Major Subject**
Study Period 1	PH1005:03 Advanced Stream Physics 1 **PREREQ: Maths B or MA1020 or MA1000. Allow concurrent for MA1000.**	Study Period 2	**Engineering or Science Major Subject**
Teaching Period 1, 2022		**Teaching Period 2, 2022**	
Study Period 1	MA2000:03 Mathematics for Scientists and Engineers **PREREQ: MA1003**	Study Period 2	**Engineering or Science Major Subject**
Study Period 1	Select 3 credit points of subjects from List 1	Study Period 2	**Engineering or Science Major Subject**
Study Period 1	**Engineering or Science Major Subject**	Study Period 2	**Engineering or Science Major Subject**
Study Period 1	**Engineering or Science Major Subject**	Study Period 2	**Engineering or Science Major Subject**

JAMES COOK UNIVERSITY AUSTRALIA

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Teaching Period 1, 2023		Teaching Period 2, 2023	
Study Period 1	**Engineering or Science Major Subject**	Study Period 7	EG3000:03 Engineering Project Management **PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and PH1005 or 36 credit points**
Study Period 1	**Engineering or Science Major Subject**	Study Period 2	**Engineering or Science Major Subject**
Study Period 1	**Engineering or Science Major Subject**	Study Period 2	**Engineering or Science Major Subject**
Study Period 1	3 credit point Level 2 or 3 Science subject	Study Period 2	**Engineering or Science Major Subject**
Teaching Period 1, 2024		**Teaching Period 2, 2024**	
Study Period 1	EG4011:03 Thesis Part 1 of 2 **PREREQ: 96 credit points of study**	Study Period 2	EG4012:03 Thesis Part 2 of 2 **PREREQ: EG4011**
Study Period 1	**Engineering or Science Major Subject**	Study Period 2	**Engineering or Science Major Subject**
Study Period 1	**Engineering or Science Major Subject**	Study Period 2	**Engineering or Science Major Subject**
Study Period 1	**Engineering or Science Major Subject**	Study Period 2	3 credit point Level 2 or 3 Science subject
Teaching Period 1, 2025			
Study Period 1	**Engineering or Science Major Subject**		
Study Period 1	**Engineering or Science Major Subject**		
Study Period 1	**Engineering or Science Major Subject**		
Study Period 1	**Engineering or Science Major Subject**		

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PROFESSIONAL ACCREDITATION STATUS

This course is accredited by Engineers Australia. Graduates are immediately eligible for graduate membership of Engineers Australia and, following a period of professional practice, may become Chartered Professional Engineers (CPEng).

The Physics major for the Bachelor of Engineering (Honours) [Embedded] - Bachelor of Science is accredited by the Australian Institute of Physics (AIP). Graduates are automatically eligible for membership of the Australian Institute of Physics.

ADDITIONAL COMPLETION REQUIREMENTS

Approved exposure to Professional Engineering Practice, including required activities and industry placement, equivalent to a minimum 60 days full-time industry placement.
Must hold current Senior First Aid certificate at the time of graduation.

SPECIAL ASSESSMENT REQUIREMENTS

The engineering thesis topic must be specific to the student's chosen engineering major

ADDITIONAL INFORMATION

Bachelor of Engineering (Honours) [Embedded] – Bachelor of Science course handbook

Engineering Major handbook
Chemical Engineering
Civil Engineering
Electrical and Electronic Engineering
Electronic Systems and Internet of Things Engineering
Mechanical Engineering

Science Major handbook
Aquaculture Science and Technology
Chemistry
Data Science
Earth Science
Marine Biology
Mathematics
Molecular and Cell Biology
Physics
Zoology and Ecology