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 (Civil Engineering) – 2020 Mid Year Entry

		Teaching Period 2, 2020	
		Study Period 2	EG1010:03 Process Engineering **Assumed Knowledge: Senior Mathematics B, Mathematics C or MA1020**
		Study Period 2	EG1012:03 Electric Circuits **Assumed Knowledge: Senior Mathematics B, Mathematics C or MA1020**
		Study Period 2	MA1000:03 Mathematics Foundations **PREREQ: MA1020, Mathematics B or Mathematics C** Not available at CNS in TP2.
Teaching Period 1, 2021		**Teaching Period 2, 2021**	
Study Period 3	MA1003:03 Mathematical Techniques **PREREQ: MA1000 or MA1011 or MA1009** Not available at CNS in SP3.		
Study Period 1	PH1005:03 Advanced Stream Physics 1 **PREREQ: Mathematics B or MA1020 or MA1000 or MA1008**	Study Period 2	EG1011:03 Statics and Dynamics **PREREQ: PH1005 or (Mathematics C and Physics)**
Study Period 1	EG1000:03 Engineering 1	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	EG1002:03 Computing and Sensors	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	MA2000:03 Mathematics for Scientists and Engineers **PREREQ: MA1003**		
Teaching Period 1, 2022		**Teaching Period 2, 2022**	
Study Period 1	**Major Subject** CS2001:03 Engineering Strength of Materials **PREREQ: EG1011**	Study Period 2	**Major Subject** CS2003:03 Introduction to Structural Design **PREREQ: CS2001**
Study Period 1	**Major Subject** CS2002:03 Catchment, Stream and Lake Engineering	Study Period 2	**Major Subject** CS2005:03 Introduction to Geotechnical Engineering **PREREQ: EG1011**
Study Period 1	**Major Subject** ME2512:03 Thermofluid Mechanics **PREREQ: EG1011**	Study Period 2	**Major Subject** CS3004:03 Transportation Engineering Only offered in even numbered years.
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)		

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.

Teaching Period 1, 2023		Teaching Period 2, 2023	
		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 EG1001) or 36 credit points**
Study Period 1	**Major Subject** CS3000:03 Structural Analysis **PREREQ: CS2003 and MA2000**	Study Period 2	**Major Subject** CS3002:03 Soil Mechanics and Geology **PREREQ: CS2005**
Study Period 1	**Major Subject** CS3001:03 Concrete Engineering **PREREQ: CS2001**	Study Period 2	**Major Subject** CS3003:03 Design of Steel and Concrete Structures **PREREQ: CS2003 and CS3000**
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	**Major Subject** CS3008:03 Fluid Mechanics **PREREQ: MA2000 and ME2512**
Teaching Period 1, 2024		**Teaching Period 2, 2024**	
Study Period 1	EG4011:03 Thesis Part 1 of 2 **PREREQ: 72 credit points**	Study Period 2	EG4012:03 Thesis Part 2 of 2 **PREREQ: EG4011**
Study Period 1	**Major Subject** CS4001:03 Foundation Engineering and Rock Mechanics **PREREQ: CS3002**	Study Period 2	**Major Subject** CS4005:03 Civil Engineering Design **PREREQ: CS3001 and CS3003 and CS4001 and CS4002**
Study Period 1	**Major Subject** CS4002:03 Hydraulic and Coastal Engineering **PREREQ: CS3008**	Study Period 2	**Major Subject** CS4008:03 Water and Wastewater Engineering **PREREQ: CS2002 and EG1010**
Study Period 1	**Major Subject** CS4010:03 Finite Element Analysis and Structural Dynamics **PREREQ: EG1002 and CS3000 and MA2000**		

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).

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 REQUIREMENTS (MAJORS AND MINORS)

Some subjects in each of the majors and minors may require students to participate in field trips, site visits or other off-campus activities. A fee may be charged by the College for transport or subsistence associated with these trips

SPECIAL ASSESSMENT REQUIREMENTS

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

ADDITIONAL INFORMATION

Bachelor of Engineering course handbook
Civil Engineering major handbook

JAMES COOK UNIVERSITY AUSTRALIA

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.