Bachelor of Engineering (Honours)[Embedded]

Maritime Engineering

2027 ENTRY

Useful study planning / enrolment resources

Course and Subject Handbook	Academic Calendars	Class Registration	Enrolment Resources

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 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 (JCU STUDY AREA GUIDE — College of Science & Engineering).

Intensive on-campus requirements: Subjects labelled with *Intensive on-campus requirements 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.

How to read this planner

PREREQ Prerequisite information **ONLINE** Online offering **PLACEMENT** Placement requirement **INTENSIVE** Intensive on-campus requirement

2027

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
EG1000:03 Engineering 1	MA1000:03 Mathematical Foundations **PREREQ:** MA1020 or MA0020 or BR0202 or High school subjects: Mathematical Methods or Specialist Mathematics (or equivalent such as Maths B or Maths C)	EG1011:03 Statics and Dynamics **PREREQ:** PH1005
EG1002:03 Computing and Sensors	PH1005:03 Newtonian Physics **PREREQ:** Maths B or MA1020 or MA0020 or MA1000 or MA1008 OR admission to 116209, 116409 or 116309. Allow concurrent for MA1020, MA1000 and MA1008	EG1012:03 Electric Circuits
MA1020:03 Preparatory Mathematics* **OR** EG1010:03 Process Engineering Offered TR3		MA1003:03 Mathematical Techniques **PREREQ:** MA1000 OR MA1011 OR MA1009

*Students who have not met the mathematics requirement for the course must enrol in MA1020. Students who have completed Mathematical Methods or equivalent, should contact enrolments@jcu.edu.au to arrange enrolment in EG1010 for Trimester 3.

2028

TRIMESTER 1	TRIMESTER 2	TRIMESTER 3
MA2000:03 Mathematics for Scientists and Engineers **PREREQ:** MA1003	**Major** EG2010:03 Materials Science and Engineering	**Major** EG2008:03 Fluid Mechanics **PREREQ:** EG1011 and MA2000
Major CS2001:03 Engineering Strength of Materials **PREREQ:** EG1011		**Major** ME2521:03 Dynamics of Machine Elements **PREREQ:** EG1011
		Major ME2525:03 Machine Element Design **PREREQ:** CS2001

CROSS INSTITUTIONAL STUDY - UNIVERSITY OF TASMANIA	
SEMESTER 1	**SEMESTER 2**
Major JEE246 Introduction to Maritime Science, Engineering and Technology	**Major** JEE225 Hydrostatics

Course handbook

Bachelor of Engineering (Honours)[Embedded]	Maritime Engineering Major

Course Notes

Maritime Engineering Major ***Available Trimester 1 intake only***

This major is an articulated pathway to the Bachelor of Maritime Engineering (Specialisation) (Honours) degree at the Australian Maritime College, University of Tasmania. Articulating students can specialise in Naval Architecture or Ocean Engineering in the Bachelor of Maritime Engineering (Specialisation) (Honours) degree. To be eligible to transfer in Year 3, students must complete the following subjects via cross-institutional study at the Australian Maritime College, University of Tasmania in Year 2 of the degree:

- JEE225 - Hydrostatics
- JEE246 - Introduction to Maritime Science, Engineering and Technology.

*Students who successfully complete levels one and two of this major and do not pathway to the Australian Maritime College (University of Tasmania) must transfer into the Mechanical Engineering major at level 3. Students must contact the course coordinator if they wish to transfer to another engineering major.

Award Title	Bachelor of Engineering (Honours)
Abbreviation	BEng(Hons)
Credit Points	96
AQF Level	Level 8 - Bachelor Honours Degree
Location	Townsville Bebegu Yumba, Cairns Nguma-bada
Division	Academy
College	College of Science and Engineering
Expected Time to Complete	4 Years
Maximum Time to Complete	11 Years
Maximum Leave of Absence	3 Years
CRICOS Code	085458G