



# Year 11 & 12 pre-requisites

## SUBJECT SELECTION:

<b>Bachelor of Exercise &amp; Sport Science</b>	ONE of the following: Biology (BIO315116), Chemistry (CHM415115), General Mathematics equivalent or higher (MTG315115), Physics (PHY415115), Physical Sciences (PSC315118) or Sport Science (SPT315118)
<b>Bachelor of Nutrition Science</b>	ONE of the following: Mathematics Methods (MTM315117), Mathematics Specialised (MTS415114), Mathematics Applied (MTA315109), Chemistry (CHM415115), Physics (PHY315109), Physical Sciences (PSC315114), Sport Science (SPT315108) or Biology (BIO315109)
<b>Bachelor of Health Science (Medical Radiation Science)</b>	Physical Sciences or Physics (level 3) & Mathematics Applied or Mathematics Methods or equivalent (level 3)
<b>Bachelor of Laboratory Medicine</b>	Chemistry (CHM315109) & ONE of the following: Maths Applied (MTA315109), Maths Methods (MTM315109) or Maths Specialised (MTS315109)
<b>Bachelor of Paramedic practice</b>	No pre-requisites. Recommended to select English Studies, Health Studies & Biology
<b>Bachelor of Pharmacy with Applied Honours</b>	One of the following Maths subjects: Mathematics Methods (MTM315117, MTM415117 recommended), or General Mathematics (MTG315115) or Mathematics Specialised (MTS415114) Chemistry (CHM415115) & Biology (BIO315109)
<b>Bachelor of Nursing</b>	No pre-requisites. Suggested TCE subjects are English, Science & Humanities.
<b>Bachelor of Medicine &amp; Bachelor of Surgery</b>	Completed ONE of the following English subjects: English Communications (ENC315114) English Literature (ENL315114) or English Writing (ENW315114) & Chemistry (CHM415115)



UNIVERSITY of  
TASMANIA

**College of  
Sciences and  
Engineering**



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## SUBJECT SELECTION:

<b>Bachelor of Science</b>	
Biochemistry major	Chemistry (CHM415115)
Chemistry major	Chemistry (CHM415115)
Mathematics major	Mathematics Methods (MTM415117)
Statistics & Operations Research major	General Mathematics (MTG315115)
Physics major	Mathematics Methods (MTM415117) & Physics (PHY415115)
Computer Science major	Computer Science (ITC315113) & Programming Preparation (KIT001)*
<b>Bachelor of Applied Science (Environmental Science)</b>	Chemistry (CHM415115) ONE of the following: General Mathematics (MTG315115) Mathematics Specialised (MTS415114) or MTM315114
<b>Bachelor of Surveying and Spatial Sciences</b>	Mathematics Methods (MTM415117)
<b>Bachelor of Marine and Antarctic Science</b>	
Marine & Antarctic Governance major	No pre-requisites
Marine Biology major	Chemistry (CHM415115) & Mathematics Methods (MTM415117)
Marine Resource Management major	No pre-requisites
Physical Oceanography major	Mathematics Methods (MTM415117) & Physics (PHY415115)
Sustainable Aquaculture major	No pre-requisites

## AUSTRALIAN MARITIME COLLEGE:

<b>Bachelor of Engineering (Specialisation) with Honours:</b> Majors include – Naval Architecture, Ocean Engineering & Marine and Offshore Engineering.	Mathematics Methods (MTM415117) And ONE of the following: Physics (PHY415115) Chemistry (CHM415115)
<b>Bachelor of Engineering (various specialisations):</b> Majors include – Civil Engineering, Electronics & Communications, Electrical & Electronics, Electrical Power & Mechanical Engineering.	Mathematics Methods (MTM415117) & Physical Sciences (PSc315109)

\*Recommended but not compulsory