



# Bachelor of Science

## 2023 Course Planner

Education students on a  
diving field trip, Taroona

# Semester 1 Availabilities

[Chemistry](#)

[Computer Science](#)

[Data Science](#)

[Earth Science](#)

[Ecology](#)

[Environmental Remediation](#)

[Food Innovation and Safety](#)

[Geography and Environment](#)

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[Marine Biology](#)

[Mathematics](#)

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[Physics](#)

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[Psychological Science](#)

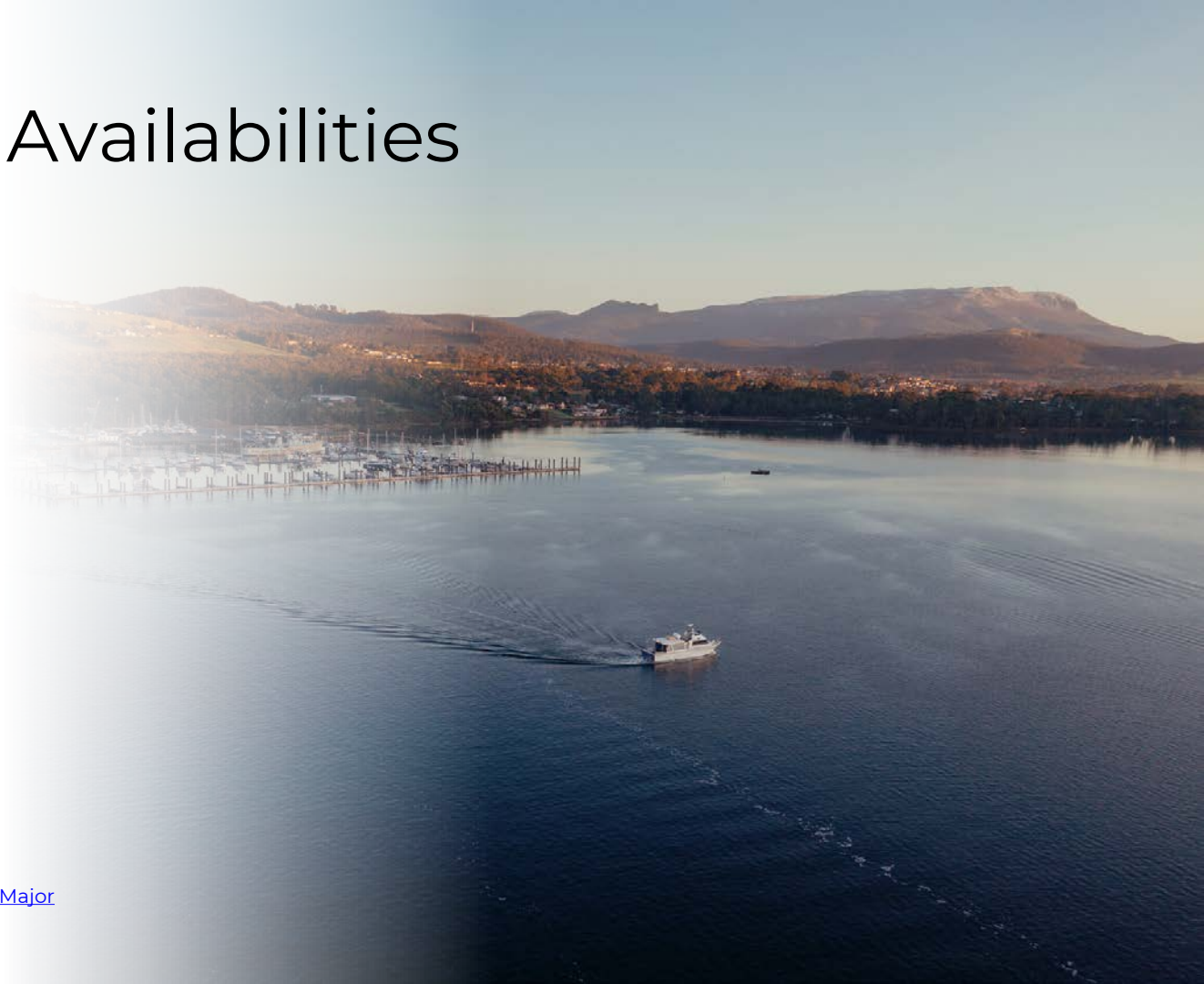
[Statistics and Decision Science](#)

[Sustainability](#)

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# Semester 2 Availabilities

[Chemistry](#)

[Computer Science](#)

[Data Science](#)

[Earth Science](#)

[Ecology](#)

[Environmental Remediation](#)

[Food Innovation and Safety](#)

[Geography and Environment](#)

[Geospatial Science](#)

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# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Chemistry** major

2023 Semester 1	<b>Major Introductory Unit</b> KRA113 Chemistry 1A	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KRA114 Chemistry 1B	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KRA241 Organic and Inorganic Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KRA242 Physical and Analytical Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KRA341 Organic and Bioorganic Chemistry	<b>Major Advanced Unit</b> KRA343 Structure and Materials	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KRA242 Catalysis and Advanced Inorganic Chemistry	<b>Major Advanced Unit</b> KRA344 Advanced Analytical Techniques	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Computer Science** major

2023 Semester 1	<b>Major Introductory Unit</b> KIT101 Programming Fundamentals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KIT103 Computational Science OR KIT107 Programming	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KIT205 Data Structures and Algorithms OR KIT206 Software Design and Development	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KIT208 Virtual and Mixed Reality Technology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KIT318 Big Data and Cloud Computing OR KIT308 Multicore Architecture and Programming (semester 2)	<b>Major Advanced Unit</b> KIT01 ICT Project A OR KIT305 Mobile Application Development	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KIT307 Computer Graphics and Animation: Principles and Programming	<b>Major Advanced Unit</b> KIT302 ICT Project B OR KIT310 ICT R&D Project 3 OR KIT315 Machine Learning and Applications	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Data Science** major

2023 Semester 1	<b>Major Introductory Unit</b> KIT101 Programming Fundamentals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KMA153 Data Handling and Statistics 1	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KIT205 Data Structures and Algorithms OR KIT206 Software Design and Development	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KMA253 Data Handling and Statistics 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KIT318 Big Data and Cloud Computing	<b>Major Advanced Unit</b> KIT301 ICT Project A OR KMA353 Data Handling and Statistics 3	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KIT306 Data Analytics	<b>Major Advanced Unit</b> KIT302 ICT Project B OR KIT310 ICT R&D Project 3 OR KIT317 Internet of Things and Distributed Artificial Intelligence OR KMA355 Operations Research 3	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Earth Science** major

2023 Semester 1	<b>Major Introductory Unit</b> KEA101 Planet Earth	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KEA102 Earth Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KEA208 Earth's Surface	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KEA209 Deep Earth	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Ecology** major

2023 Semester 1	<b>Major Introductory Unit</b> KPA161 Biology of Plants OR KZA161 Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KPZ163 Ecology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KPZ211 Ecology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KZA212 Functional Biology of Animals OR KPA214 Plants in Action (semester 1)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
Summer 2025	<b>Major Advanced Unit</b> KPZ301 Tasmanian Field Ecology				
2025 Semester 1	<b>Major Advanced Unit</b> KPZ307 Ecology of Ecosystems	<b>Major Advanced Unit</b> KPZ312 Scientific Methods in Biology	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KPZ308 Biodiversity Conservation		<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	



# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Environmental Remediation** major

2023 Semester 1	<b>Major Introductory Unit</b> KRA113 Chemistry 1A	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KRA114 Chemistry 1B	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KRA211 Environmental Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KRA242 Physical and Analytical Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KRA300 Environmental Monitoring and Remediation	<b>Major Advanced Unit</b> KAA308 Research Project	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KRA344 Advanced Analytical Techniques	<b>Major Advanced Unit</b> KAA315 STEM Work Integrated Learning	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Food Innovation and Safety** major

2023 Semester 1	<b>Major Introductory Unit</b> KRA113 Chemistry 1A OR KRA114 Chemistry 1B (Semester 2) OR KRA161 Introduction to Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KLA100 Food and Fibre Production in a Global Market	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> JFA214 General Microbiology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KLA298 Fermented Food and Beverages	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KLA396 Food Microbiology	<b>Major Advanced Unit</b> KLA399 Developing Innovative Food Products	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KLA394 Advanced Food Safety Management	<b>Major Advanced Unit</b> KLB300 Food Composition and Analysis	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Geography and Environment** major

2023 Semester 1	<b>Major Introductory Unit</b> KGA171 Global Geographies of Change	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KGA172 Nature, People, Place	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KGA204 Earth, Climate and Life	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KGA223 Environmental Management OR KGA213 Natural Environment Field Techniques (Spring)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> Choose one of: KGA319 Science and Policy for Energy Futures, KGA320 Our Changing Climate, KGA326 Rivers and Coasts, KGA331 Fire, Weeds and Ferals OR KGA332 Conserving Nature in Landscapes	<b>Major Advanced Unit</b> Choose one of: KGA319 Science and Policy for Energy Futures, KGA320 Our Changing Climate, KGA326 Rivers and Coasts, KGA331 Fire, Weeds and Ferals OR KGA332 Conserving Nature in Landscapes	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choose one of: KGA319 Science and Policy for Energy Futures, KGA320 Our Changing Climate, KGA326 Rivers and Coasts, KGA331 Fire, Weeds and Ferals OR KGA332 Conserving Nature in Landscapes	<b>Major Advanced Unit</b> Choose one of: KGA319 Science and Policy for Energy Futures, KGA320 Our Changing Climate, KGA326 Rivers and Coasts, KGA331 Fire, Weeds and Ferals OR KGA332 Conserving Nature in Landscapes	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Geospatial Science** major

2023 Semester 1	<b>Major Introductory Unit</b> KGG102 Introduction to Spatial Information	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KGG103 Remote Sensing: Introduction	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KGG213 Remote Sensing: Image Analysis	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KGG212 GIS: Spatial Analysis	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KGG306 Global Navigation Satellite Systems	<b>Major Advanced Unit</b> KGG330 Remote Sensing: Drone Photogrammetry	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KGG355 Spatial Research Project	<b>Major Advanced Unit</b> KGG375 GIS: Advanced Spatial Analysis	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Marine Biology** major

2023 Semester 1	<b>Major Introductory Unit</b> KZA161 Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>*KSM302 is available in Spring School each year. To graduate in December, 2025 you would need to complete this year in Spring 2024 between second and third year.</p>
2023 Semester 2	<b>Major Introductory Unit</b> KPZ163 Ecology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KPZ211 Population and Communication Ecology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KZA212 Functional Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KSM308 Marine Ecology	<b>Major Advanced Unit</b> KSM309 Quantitative Methods in Biology	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KSA307 Antarctic Ecology OR KSM305 Aquatic Botany OR KSM302 Birds and Mammals of the Southern Ocean*	<b>Major Advanced Unit</b> KSA307 Antarctic Ecology OR KSM305 Aquatic Botany OR KSM302 Birds and Mammals of the Southern Ocean*	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	



# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Mathematics** major

2023 Semester 1	<b>Major Introductory Unit</b> KMA152 Mathematics 1A	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>Note: a satisfactory achievement (or higher) in TCE Year 12 Mathematics Methods (or equivalent) is a pre-requisite for this major</p>
2023 Semester 2	<b>Major Introductory Unit</b> KMA154 Mathematics 1B	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KMA252 Calculus and Applications 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KMA254 Linear Algebra and Differential Equations	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KMA321 Algebra & Real Analysis	<b>Major Advanced Unit</b> KMA323 Complex Analysis and Transform Theory	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KMA322 Group Theory and Functional Analysis OR KMA350 Computational Techniques 3 OR KMA354 Partial Differential Equations, Applications and Methods 3 OR KYA324 Dynamical Systems and Chaos OR KYA315 Fluid Mechanics	<b>Major Advanced Unit</b> KMA322 Group Theory and Functional Analysis OR KMA350 Computational Techniques 3 OR KMA354 Partial Differential Equations, Applications and Methods 3 OR KYA324 Dynamical Systems and Chaos OR KYA315 Fluid Mechanics	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Microbiology** major

2023 Semester 1	<b>Major Introductory Unit</b> KRA113 Chemistry 1A OR KRA114 Chemistry 1B OR KRA161 Introduction to Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KPZ164 Cell Biology, Genetics and Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KLA210 Microbiology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KLA256 Microbes and Man	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> Choice of Advanced Major Units	<b>Major Advanced Unit</b> Choice of Advanced Major Units	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choice of Advanced Major Units	<b>Major Advanced Unit</b> Choice of Advanced Major Units	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Molecular Bioscience** major

2023 Semester 1	<b>Major Introductory Unit</b> KPA161 Biology of Plants OR KZA161 Biology of Animals OR CZZ102 Human Anatomy and Physiology B (Sem 2)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KPZ164 Cell Biology, Genetics and Evolution OR CZZ101 Human Anatomy and Physiology 1A (Sem 1)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> CBA260 Biochemistry: Metabolism & Nutrition	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> CBA265 Molecular Biology in Health & Disease	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Physics** major

2023 Semester 1	<b>Major Introductory Unit</b> KYA101 Physics 1A	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b> KMA152 Mathematics 1A*	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>To meet second and third year pre-requisites in this major you will be required to complete KMA152, KMA154 and KMA252 as Discipline Electives or Electives.</p>
2023 Semester 2	<b>Major Introductory Unit</b> KYA102 Physics 1B	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b> KMA152 Mathematics 1B*	
2024 Semester 1	<b>Major Intermediate Unit</b> KYA211 Waves and Kinetic Theory	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b> KMA252 Calculus and Applications 2*	
2024 Semester 2	<b>Major Intermediate Unit</b> KYA212 Electromagnetism and Thermodynamics	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KYA321 Quantum Mechanics	<b>Major Advanced Unit</b> KYA305 Stellar and Planetary Physics OR KYA306 Galactic and Extragalactic Astrophysics OR KYA314 Dynamical Systems and Chaos OR KYA315 Fluid Mechanics	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KYA320 Advanced Electromagnetism	<b>Major Advanced Unit</b> KYA322 Statistical Physics and Solid State Physics OR KYA323 Atomic and Nuclear Physics	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Plant Science** major

2023 Semester 1	<b>Major Introductory Unit</b> KPA161 Biology of Plants	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KPZ164 Cell Biology, Genetics and Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KPA214 Plants in Action	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KPZ215 Genetics and Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KPZ310 Genetics and Evolution III	<b>Major Advanced Unit</b> KPZ312 Scientific Methods in Biology OR KPZ309 Applied Genetics and Biotechnology (semester 2)	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KPZ311 Functional Plant Biology	<b>Major Advanced Unit</b> KPZ313 Plants of Tasmania	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	



# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Psychological Science** major

2023 Semester 1	<b>Major Introductory Unit</b> PSY111 Transferable Skills in Psychology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>Note: To be eligible for Psychology Honours PSY112, PSY125, PSY223 and PSY224 must be completed as electives alongside the Psychological Science major</p>
2023 Semester 2	<b>Major Introductory Unit</b> PSY124 Mental Health and Individual Differences	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> PSY211 Research Skills in Psychology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> PSY207 Social Psychology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> PSY302 Life Developmental Psychology	<b>Major Advanced Unit</b> PSY311 Advanced Research Skills in Psychology	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> PSY305 Clinical Psychology	<b>Major Advanced Unit</b> PSY324 Psychological Assessment and Measurement	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Statistics and Decision Science** major

2023 Semester 1	<b>Major Introductory Unit</b> KMA153 Data Handling and Statistics 1	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KMA155 Discrete Mathematics with Applications 1	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KMA255 Operations Research 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KMA253 Data Handling and Statistics 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KMA305 Probability Models 3	<b>Major Advanced Unit</b> KMA353 Data Handling and Statistics 3	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KMA355 Operations Research 3	<b>Major Advanced Unit</b> KMA356 Principles of Statistics 3	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Sustainability** major

2023 Semester 1	<b>Major Introductory Unit</b> HEJ111 Communicating Sustainability OR HUM111 Engaging with Sustainability	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KGA171 Global Geographies of Change (semester 1) OR XBR112 Humans: Earth Shapers OR ZAS118 Sustainability	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KGA207 Systems Thinking	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> HSS207 Human Rights and Global justice OR KGA223 Environmental Management	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KGA301 Change Agents for Sustainability	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 1 entry into the **Zoology** major

2023 Semester 1	<b>Major Introductory Unit</b> KZA161 Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2023 Semester 2	<b>Major Introductory Unit</b> KPZ163 Ecology OR KPZ164 Cell Biology, Genetics and Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 1	<b>Major Intermediate Unit</b> KPZ211 Population and Community Ecology OR KPZ215 Genetics and Evolution (Semester 2)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KZA212 Functional Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Advanced Unit</b> KPZ306 Conservation Physiology and Disease Ecology	<b>Major Advanced Unit</b> KPZ312 Scientific Methods in Biology	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KPZ303 Behavioural and Evolutionary Ecology	<b>Major Advanced Unit</b> KPZ314 Fauna of Tasmania	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Chemistry** major

2023 Semester 2	<b>Major Introductory Unit</b> KRA114 Chemistry 1B	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KRA113 Chemistry 1A	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KRA242 Physical and Analytical Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KRA241 Organic and Inorganic Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KRA342 Catalysis and Advanced Inorganic Chemistry	<b>Major Advanced Unit</b> KRA344 Advanced Analytical Techniques	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KRA341 Organic and Bioorganic Chemistry	<b>Major Advanced Unit</b> KRA343 Structure and Materials	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	



# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Computer Science** major

2023 Semester 2	<b>Major Introductory Unit</b> KIT101 Programming Fundamentals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>If planning to complete KIT301 and KIT302 ICT Project you will need to begin this in semester 1, 2025, completing KIT206 in spring, 2024 and KIT203 in summer, 2025 as an elective unit. Alternatively, you can study over 7 semesters and complete ICT Project A + B in semester 1 and 2, 2026.</p>
2024 Semester 1	<b>Major Introductory Unit</b> KIT103 Computational Science (semester 2) OR KIT107 Programming	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KIT208 Virtual and Mixed Reality Technology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KIT205 Data Structures and Algorithms OR KIT206 Software Design and Development	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KIT307 Computer Graphics and Animation: Principles and Programming	<b>Major Advanced Unit</b> KIT302 ICT Project B OR KIT310 ICT R&D Project 3 OR KIT315 Machine Learning and Applications	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KIT318 Big Data and Cloud Computing OR KIT308 Multicore Architecture and Programming (semester 2)	<b>Major Advanced Unit</b> KIT301 ICT Project A* OR KIT305 Mobile Application Development	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Data Science** major

2023 Semester 2	<b>Major Introductory Unit</b> KIT101 Programming Fundamentals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>If planning to complete KIT301 and KIT302 ICT Project you will need to begin this in semester 1, 2025, completing KIT206 in spring, 2024 and KIT203 in summer, 2025 as an elective unit. Alternatively, you can study over 7 semesters and complete ICT Project A + B in semester 1 and 2, 2026.</p>
2024 Semester 1	<b>Major Introductory Unit</b> KMA153 Data Handling and Statistics 1	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KMA253 Data Handling and Statistics 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KIT205 Data Structures and Algorithms OR KIT206 Software Design and Development	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KIT306 Data Analytics	<b>Major Advanced Unit</b> KIT302 ICT Project B* OR KIT310 ICT R&D Project 3 OR KIT317 Internet of Things and Distributed Artificial Intelligence OR KMA355 Operations Research 3	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KIT318 Big Data and Cloud Computing	<b>Major Advanced Unit</b> KIT301 ICT Project A* OR KMA353 Data Handling and Statistics 3	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Earth Science** major

2023 Semester 2	<b>Major Introductory Unit</b> KEA102 Earth Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KEA101 Planet Earth	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KEA209 Deep Earth	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KEA208 Earth's Surface	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Ecology** major

2023 Semester 2	<b>Major Introductory Unit</b> KPZ163 Ecology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KPA161 Biology of Plants OR KZA161 Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KPZ211 Ecology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KZA212 Functional Biology of Animals OR KPA214 Plants in Action (semester 1)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KPZ307 Ecology of Ecosystems	<b>Major Advanced Unit</b> KPZ312 Scientific Methods in Biology	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
Summer 2026	<b>Major Advanced Unit</b> KPZ301 Tasmanian Field Ecology				
Semester 1 2026	<b>Major Advanced Unit</b> KPZ308 Biodiversity Conservation		<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Environmental Remediation** major

2023 Semester 2	<b>Major Introductory Unit</b> KRA114 Chemistry 1B	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KRA113 Chemistry 1A	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KRA242 Physical and Analytical Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KRA211 Environmental Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KRA344 Advanced Analytical Techniques	<b>Major Advanced Unit</b> KAA315 STEM Work Integrated Learning	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KRA300 Environmental Monitoring and Remediation	<b>Major Advanced Unit</b> KAA308 Research Project	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Food Innovation and Safety** major

2023 Semester 2	<b>Major Introductory Unit</b> KLA100 Food and Fibre Production in a Global Market	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KRA113 Chemistry 1A OR KRA114 Chemistry 1B (Semester 2) OR KRA161 Introduction to Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KLA298 Fermented Food and Beverages	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> JFA214 General Microbiology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KLA394 Advanced Food Safety Management	<b>Major Advanced Unit</b> KLB300 Food Composition and Analysis	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KLA396 Food Microbiology	<b>Major Advanced Unit</b> KLA399 Developing Innovative Food Products	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Geography and Environment** major

2023 Semester 2	<b>Major Introductory Unit</b> KGA172 Nature, People, Place	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KGA171 Global Geographies of Change	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KGA223 Environmental Management OR KGA213 Natural Environment Field Techniques (Spring)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KGA204 Earth, Climate and Life	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choose one of: KGA319 Science and Policy for Energy Futures, KGA320 Our Changing Climate, KGA326 Rivers and Coasts, KGA331 Fire, Weeds and Ferals OR KGA332 Conserving Nature in Landscapes	<b>Major Advanced Unit</b> Choose one of: KGA319 Science and Policy for Energy Futures, KGA320 Our Changing Climate, KGA326 Rivers and Coasts, KGA331 Fire, Weeds and Ferals OR KGA332 Conserving Nature in Landscapes	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> Choose one of: KGA319 Science and Policy for Energy Futures, KGA320 Our Changing Climate, KGA326 Rivers and Coasts, KGA331 Fire, Weeds and Ferals OR KGA332 Conserving Nature in Landscapes	<b>Major Advanced Unit</b> Choose one of: KGA319 Science and Policy for Energy Futures, KGA320 Our Changing Climate, KGA326 Rivers and Coasts, KGA331 Fire, Weeds and Ferals OR KGA332 Conserving Nature in Landscapes	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Geospatial Science** major

2023 Semester 2	<b>Major Introductory Unit</b> KGG103 Remote Sensing: Introduction	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KGG102 Introduction to Spatial Information	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KGG212 GIS: Spatial Analysis	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KGG213 Remote Sensing: Image Analysis	<b>Major Advanced Unit</b> KGG306 Global Navigation Satellite Systems	<b>Major Advanced Unit</b> KGG330 Remote Sensing: Drone Phogrammetry	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KGG355 Spatial Research Project	<b>Major Advanced Unit</b> KGG375 GIS: Advanced Spatial Analysis	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	



# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Marine Biology** major

2023 Semester 2	<b>Major Introductory Unit</b> KPZ163 Ecology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>*KSM302 is available in Spring School each year. To graduate in December, 2025 you would need to complete this year in Spring 2024 between second and third year.</p>
2024 Semester 1	<b>Major Introductory Unit</b> KZA161 Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KZA212 Functional Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KPZ211 Population and Communication Ecology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KSA307 Antarctic Ecology OR KSM305 Aquatic Botany OR KSM302 Birds and Mammals of the Southern Ocean*	<b>Major Advanced Unit</b> KSA307 Antarctic Ecology OR KSM305 Aquatic Botany OR KSM302 Birds and Mammals of the Southern Ocean*	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KSM308 Marine Ecology	<b>Major Advanced Unit</b> KSM309 Quantitative Methods in Biology	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Mathematics** major

2023 Semester 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>Note: a satisfactory achievement (or higher) in TCE Year 12 Mathematics Methods (or equivalent) is a pre-requisite for this major</p> <p>This major can be studied in 3 years if beginning in semester 2 with careful planning of your Major Advanced Unit choices. If planning to complete in 3 years please check pre-requisites carefully. Most students beginning the course in semester 2 will take 3.5 years to complete this major.</p>
2024 Semester 1	<b>Major Introductory Unit</b> KMA152 Mathematics 1A	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Introductory Unit</b> KMA154 Mathematics 1B	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KMA252 Calculus and Applications 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Intermediate Unit</b> KMA254 Linear Algebra and Differential Equations	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KMA321 Algebra & Real Analysis	<b>Major Advanced Unit</b> KMA323 Complex Analysis and Transform Theory			
2026 Semester 2	<b>Major Advanced Unit</b> KMA322 Group Theory and Functional Analysis OR KMA350 Computational Techniques 3 OR KMA354 Partial Differential Equations, Applications and Methods 3 OR KYA324 Dynamical Systems and Chaos OR KYA315 Fluid Mechanics	<b>Major Advanced Unit</b> KMA322 Group Theory and Functional Analysis OR KMA350 Computational Techniques 3 OR KMA354 Partial Differential Equations, Applications and Methods 3 OR KYA324 Dynamical Systems and Chaos OR KYA315 Fluid Mechanics			

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Microbiology** major

2023 Semester 2	<b>Major Introductory Unit</b> KPZ164 Cell Biology, Genetics and Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KRA113 Chemistry 1A OR KRA114 Chemistry 1B OR KRA161 Introduction to Chemistry	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KLA256 Microbes and Man	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KLA210 Microbiology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choice of Advanced Major Units	<b>Major Advanced Unit</b> Choice of Advanced Major Units	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> Choice of Advanced Major Units	<b>Major Advanced Unit</b> Choice of Advanced Major Units	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Molecular Bioscience** major

2023 Semester 2	<b>Major Introductory Unit</b> KPZ164 Cell Biology, Genetics and Evolution OR CZZ101 Human Anatomy and Physiology 1A (Sem 1)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KPA161 Biology of Plants OR KZA161 Biology of Animals OR CZZ102 Human Anatomy and Physiology B (Sem 2)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> CBA265 Molecular Biology in Health & Disease	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> CBA260 Biochemistry: Metabolism & Nutrition	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Physics** major

2023 Semester 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>To meet second and third year pre-requisites in this major you will be required to complete KMA152, KMA154 and KMA252 as Discipline Electives or Electives.</p> <p>This major can be studied in 3 years if beginning in semester 2 with careful planning of your Major Advanced Unit choices. If planning to complete in 3 years please check pre-requisites carefully. Most students beginning the course in semester 2 will take 3.5 years to complete this major.</p>
2024 Semester 1	<b>Major Introductory Unit</b> KYA101 Physics 1A	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b> KMA152 Mathematics 1A*	
2024 Semester 2	<b>Major Introductory Unit</b> KYA102 Physics 1B	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b> KMA152 Mathematics 1B*	
2025 Semester 1	<b>Major Intermediate Unit</b> KYA211 Waves and Kinetic Theory	<b>Elective Unit</b>	<b>Discipline Elective Unit</b> KMA252 Calculus and Applications 2*		
2025 Semester 2	<b>Major Intermediate Unit</b> KYA212 Electromagnetism and Thermodynamics	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>		
2026 Semester 1	<b>Major Advanced Unit</b> KYA321 Quantum Mechanics	<b>Major Advanced Unit</b> KYA305 Stellar and Planetary Physics OR KYA306 Galactic and Extragalactic Astrophysics OR KYA314 Dynamical Systems and Chaos OR KYA315 Fluid Mechanics	<b>Discipline Elective Unit</b>		
2026 Semester 2	<b>Major Advanced Unit</b> KYA320 Advanced Electromagnetism	<b>Major Advanced Unit</b> KYA322 Statistical Physics and Solid State Physics OR KYA323 Atomic and Nuclear Physics	<b>Discipline Elective Unit</b>		

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Plant Science** major

2023 Semester 2	<b>Major Introductory Unit</b> KPZ164 Cell Biology, Genetics and Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KPA161 Biology of Plants	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KPZ215 Genetics and Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KPA214 Plants in Action	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KPZ311 Functional Plant Biology	<b>Major Advanced Unit</b> KPZ313 Plants of Tasmania	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KPZ310 Genetics and Evolution III	<b>Major Advanced Unit</b> KPZ312 Scientific Methods in Biology OR KPZ309 Applied Genetics and Biotechnology (semester 2)	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Psychological Science** major

2023 Semester 2	<b>Major Introductory Unit</b> PSY124 Mental Health and Individual Differences	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>100 credit points of <b>Discipline Elective</b> units</li> <li>100 credit points of <b>Elective</b> units</li> </ul> <p>Note: To be eligible for Psychology Honours PSY112, PSY125, PSY223 and PSY224 must be completed as electives alongside the Psychological Science major</p>
2024 Semester 1	<b>Major Introductory Unit</b> PSY111 Transferable Skills in Psychology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> PSY207 Social Psychology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> PSY211 Research Skills in Psychology	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> PSY305 Clinical Psychology	<b>Major Advanced Unit</b> PSY324 Psychological Assessment and Measurement	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> PSY302 Life Developmental Psychology	<b>Major Advanced Unit</b> PSY311 Advanced Research Skills in Psychology	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Statistics and Decision Science** major

2023 Semester 2	<b>Major Introductory Unit</b> KMA155 Discrete Mathematics with Applications 1	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KMA153 Data Handling and Statistics 1	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KMA253 Data Handling and Statistics 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KMA255 Operations Research 2	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KMA355 Operations Research 3	<b>Major Advanced Unit</b> KMA356 Principles of Statistics 3	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KMA305 Probability Models 3	<b>Major Advanced Unit</b> KMA353 Data Handling and Statistics 3	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	



# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Sustainability** major

2023 Semester 2	<b>Major Introductory Unit</b> KGA171 Global Geographies of Change (semester 1) OR XBR112 Humans: Earth Shapers OR ZAS118 Sustainability	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> HEJ111 Communicating Sustainability OR HUM111 Engaging with Sustainability	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> HSS207 Human Rights and Global justice OR KGA223 Environmental Management	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KGA207 Systems Thinking	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KGA301 Change Agents for Sustainability	<b>Major Advanced Unit</b> Choice of Advanced Major Unit	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Bachelor of Science 2023

Study Plan for semester 2 entry into the **Zoology** major

2023 Semester 2	<b>Major Introductory Unit</b> KPZ163 Ecology OR KPZ164 Cell Biology, Genetics and Evolution	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	<p>The <b>Bachelor of Science</b> requires the completion of <b>300 credit points</b> comprising:</p> <ul style="list-style-type: none"> <li>• A 100-credit point <b>major</b> in the Bachelor of Science</li> <li>• 100 credit points of <b>Discipline Elective</b> units</li> <li>• 100 credit points of <b>Elective</b> units</li> </ul>
2024 Semester 1	<b>Major Introductory Unit</b> KZA161 Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2024 Semester 2	<b>Major Intermediate Unit</b> KZA212 Functional Biology of Animals	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 1	<b>Major Intermediate Unit</b> KPZ211 Population and Community Ecology OR KPZ215 Genetics and Evolution (Semester 2)	<b>Elective Unit</b>	<b>Elective Unit</b>	<b>Discipline Elective Unit</b>	
2025 Semester 2	<b>Major Advanced Unit</b> KPZ303 Behavioural and Evolutionary Ecology	<b>Major Advanced Unit</b> KPZ314 Fauna of Tasmania	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	
2026 Semester 1	<b>Major Advanced Unit</b> KPZ306 Conservation Physiology and Disease Ecology	<b>Major Advanced Unit</b> KPZ312 Scientific Methods in Biology	<b>Discipline Elective Unit</b>	<b>Discipline Elective Unit</b>	

# Science and Industry Complementary Major

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Students in the Bachelor of Science have the option of completing a second complementary major in Science in Industry which will support your primary area of study.

This major will sit within your Discipline Elective space and must be added in consultation with a Student Adviser.

Please contact [U.Connect@utas.edu.au](mailto:U.Connect@utas.edu.au) to have this major added to your study plan.



# Double Major

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Students in the Bachelor of Science have the opportunity to complete a second major within their Discipline Elective or Elective spaces.

To discuss adding a second major to your studies please contact [U.Connect@utas.edu.au](mailto:U.Connect@utas.edu.au) where a Student Adviser will support you in this process.

