

## APPLIED SCIENCE SPECIALISATION: GENERAL SCIENCE

### Recommended study plan for students commencing in Semester 2

Semester 1		Semester 2	
<b>Calendar Year 1</b>			
		<a href="#">CUC100</a> Academic Literacies	CU
		<a href="#">CUC107</a> Northern Perspectives	CU
		Science Specialist Elective Choice	SSE
		Science Specialist Elective Choice	SSE
<b>Calendar Year 2</b>			
SCH101 Chemical Concepts	SCO	SPH141 Concepts of Physics	SCO
SMA100 Introduction to Mathematics <b>Or</b> SMA101 Mathematics 1A	SSE	SBI209 Design And Analysis of Biological Studies	SCO
Science Specialist Elective Choice	SSE	Science Specialist Elective Choice	SSE
<b>Calendar Year 3</b>			
Science Specialist Elective Choice	SSE	Science Specialist Elective Choice	SSE
Science Specialist Elective Choice	SSE	Science Specialist Elective Choice	SSE
Elective 1	E	Elective 2	E
<b>Calendar Year 4</b>			
<a href="#">ETP110</a> Teaching and Learning 1	ECO	<a href="#">ETP120</a> Teaching and Learning 2	ECO
<a href="#">ETL111</a> Educators as Effective Communicators	ECO	<a href="#">EIP310</a> Teaching Indigenous Learners	ECO
<a href="#">ETL411</a> Teaching the Curriculum 1	ECO	<a href="#">ETL121</a> Productive Learning in Diverse Classrooms	ECO
Education Specialist Elective 1	ESE	Education Specialist Elective 2	ESE
<b>Calendar Year 5</b>			
<a href="#">ETP210</a> Teaching and Learning 3 (20 credit points)	ECO	<a href="#">ETP320</a> Teaching and Learning 6 (30 credit points)	ECO
Education Specialist Elective 3	ESE	<a href="#">ETL421</a> Teaching the Curriculum 2	ECO
Education Specialist Elective 4	ESE		

### SPECIALIST ELECTIVE CHOICES FOR GENERAL SCIENCE

Semester 1		Semester 2	
<p><b>Students select 80 credit points from units with codes commencing with SBI, SCH, SES, SMA, SPE, PSY, NUR, PHA, HIT, ENG, or CIK.</b></p> <p>The following unit listings are provide to assist students in choosing Specialist Electives and Electives. Students should pay attention to prerequisites and assumed knowledge when planning a General Science specialisation.</p>			
<a href="#">SBI106</a> The Diversity of Life	SSE	<a href="#">SBI105</a> The Life of Cells	SSE
<a href="#">SBI171</a> Anatomy & Physiology 1		<a href="#">SBI172</a> Anatomy and Physiology 2	
<a href="#">SBI201</a> Introductory Ecology		<a href="#">SBI173</a> Microbiology	
<a href="#">SBI245</a> Introduction to Life Processes		<a href="#">SBI264</a> Environmental Physiology	

<p><a href="#">SBI261</a> Functional Anatomy  <a href="#">SBI353</a> Tropical Invaders and Biosecurity</p> <p><a href="#">SCH225</a> Environmental Chemistry  <a href="#">SES101</a> Earth Systems  <a href="#">SES220</a> Geographic Information Systems 1  <a href="#">SES201</a> Introductory Remote Sensing  <a href="#">SES360</a> Field Studies in Tropical and Desert Landscapes (<i>runs in Study Period 2</i>)</p> <p><a href="#">SMA101</a> Mathematics 1A  <a href="#">SMA209</a> Mathematics 2A</p> <p><a href="#">PHA101</a> Pharmaceutics 1  <a href="#">PHA210</a> Pharmacology 1  <a href="#">PHA212</a> Medicinal Chemistry  <a href="#">PHA310</a> Clinical Pharmacokinetics</p> <p><a href="#">SPE205</a> Biomechanics 1  <a href="#">SPE210</a> Motor Control &amp; Development  <a href="#">SPE209</a> Exercise Physiology 1  <a href="#">SPE310</a> Advanced Study in Exercise and Sports Science (repeatable unit) The Unit title for semester 1, 2009 will be: Exercise and Sport Psychology 2</p> <p><a href="#">PSY140</a> Introduction to Psychology A  <a href="#">PSY308</a> Behavioural Neuropsychology  <a href="#">PSY209</a> Social-Cultural Psychology  <a href="#">PSY247</a> Research Design and Analysis  <a href="#">PSY305</a> Theories of Personality  <a href="#">PSY315</a> Learning and Motivation  <a href="#">PSY390</a> Introduction to Counselling  <a href="#">NUR213</a> Pathophysiology</p> <p><a href="#">ENG222</a> Digital Electronics and Computer Architecture  <a href="#">ENG225</a> C Programming  <a href="#">ENG322</a> Embedded and Mobile Systems</p> <p><a href="#">HIT125</a> Application Concepts  <a href="#">HIT191</a> The E-ticket  <a href="#">HIT314</a> GUI Applications (<i>unit title change as of 2009</i>)  <a href="#">HIT343</a> Business Analysis and Re-engineering  <a href="#">HIT381</a> Human Interaction Design</p> <p><a href="#">CIK230</a> Indigenous Engagements: Land and Water (<i>repeatable unit</i>)  <a href="#">CIK102</a> Indigenous Knowledges and Experience: Discovery and Colonisation</p>		<p><a href="#">SBI265</a> Ecosystems and Biodiversity  <a href="#">SBI354</a> Ecological Restoration and Conservation  <a href="#">SBI363</a> Organisms and Environmental Change  <a href="#">SBI240</a> Environmental Issues  <a href="#">SBI263</a> Fire Ecology and Management in North Australia  <a href="#">SBI322</a> DNA Analysis and Profiling (<i>unit runs in Semester 3</i>)</p> <p><a href="#">SCH102</a> Organic and Inorganic Chemistry</p> <p><a href="#">SES220</a> Geographic Information Systems 1  <a href="#">SES371</a> Catchments to Coasts  <a href="#">SES372</a> Landscape Analysis</p> <p><a href="#">WLM300</a> Wildlife Management</p> <p><a href="#">PHA211</a> Pharmaceutics 2</p> <p><a href="#">SMA102</a> Mathematics 1B  <a href="#">SMA211</a> Mathematics 2B</p> <p><a href="#">PHA213</a> Pharmacology 2  <a href="#">PHA214</a> Medicinal Chemistry &amp; Pharmacogenetics</p> <p><a href="#">SPE209</a> Exercise Physiology 1  <a href="#">SPE206</a> Exercise &amp; Sport Psychology 1  <a href="#">SPE310</a> Advanced Study in Exercise and Sports Science (<i>repeatable unit</i>)  The Unit title for semester 2, 2009 is yet to be determined</p> <p><a href="#">PSY141</a> Introduction to Psychology B  <a href="#">PSY208</a> Biological Bases of Behaviour  <a href="#">PSY245</a> Cognition and Language  <a href="#">PSY202</a> Developmental Psychology  <a href="#">PSY211</a> Psychology of Crime  <a href="#">PSY340</a> Introduction to Behavioural Therapies  <a href="#">PSY347</a> Advanced Research Design and Analysis  <a href="#">PSY353</a> Abnormal Psychology</p> <p><a href="#">PMO201</a> Project Management</p> <p><a href="#">HIT211</a> Application Development  <a href="#">HIT234</a> Database Concepts  <a href="#">HIT321</a> Enterprise Applications</p>	
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<p><a href="#">CIK200</a> Contested Knowledges</p> <p><a href="#">CIK220</a> Comparative Studies in Indigenous Policy</p> <p><a href="#">CIK305</a> Cultural Transactions: Communication and Negotiation</p>		<p><a href="#">HIT342</a> Information Systems Management</p> <p><a href="#">HIT382</a> Project</p> <p><a href="#">CIK210</a> Indigenous Knowledges: Representing and Recording Country</p> <p><a href="#">CIK220</a> Arctic to Uluru: Comparative Studies in Indigenous Policy</p> <p><a href="#">CIK240</a> Indigenous Cultures and the Environment</p>	
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## Specialist Elective choices for GENERAL SCIENCE Specialisation

### Semester 1

### Semester 2

**Students select 80 credit points from units with codes commencing with SBI, SCH, SES, SMA, SPE, PSY, NUR, PHA, HIT, ENG, or CIK.**

The following unit listings are provide to assist students in choosing Specialist Electives and Electives. Students should pay attention to prerequisites and assumed knowledge when planning a General Science specialisation.

<p><a href="#">SBI106</a> The Diversity of Life  <a href="#">SBI171</a> Anatomy &amp; Physiology 1  <a href="#">SBI201</a> Introductory Ecology  <a href="#">SBI245</a> Introduction to Life Processes  <a href="#">SBI261</a> Functional Anatomy  <a href="#">SBI353</a> Tropical Invaders and Biosecurity</p> <p><a href="#">SCH225</a> Environmental Chemistry  <a href="#">SES101</a> Earth Systems  <a href="#">SES220</a> Geographic Information Systems 1  <a href="#">SES201</a> Introductory Remote Sensing  <a href="#">SES360</a> Field Studies in Tropical and Desert Landscapes (<i>runs in Study Period 2</i>)</p> <p><a href="#">SMA101</a> Mathematics 1A  <a href="#">SMA209</a> Mathematics 2A</p> <p><a href="#">PHA101</a> Pharmaceutics 1  <a href="#">PHA210</a> Pharmacology 1  <a href="#">PHA212</a> Medicinal Chemistry  <a href="#">PHA310</a> Clinical Pharmacokinetics</p> <p><a href="#">SPE205</a> Biomechanics 1  <a href="#">SPE210</a> Motor Control &amp; Development  <a href="#">SPE209</a> Exercise Physiology 1  <a href="#">SPE310</a> Advanced Study in Exercise and Sports Science (repeatable unit) The Unit title for semester 1, 2009 will be: Exercise and Sport Psychology 2</p> <p><a href="#">PSY140</a> Introduction to Psychology A  <a href="#">PSY308</a> Behavioural Neuropsychology  <a href="#">PSY209</a> Social-Cultural Psychology  <a href="#">PSY247</a> Research Design and Analysis  <a href="#">PSY305</a> Theories of Personality  <a href="#">PSY315</a> Learning and Motivation  <a href="#">PSY390</a> Introduction to Counselling  <a href="#">NUR213</a> Pathophysiology</p> <p><a href="#">ENG222</a> Digital Electronics and Computer Architecture  <a href="#">ENG225</a> C Programming  <a href="#">ENG322</a> Embedded and Mobile Systems</p>	SSE	<p><a href="#">SBI105</a> The Life of Cells  <a href="#">SBI172</a> Anatomy and Physiology 2  <a href="#">SBI173</a> Microbiology  <a href="#">SBI264</a> Environmental Physiology  <a href="#">SBI265</a> Ecosystems and Biodiversity  <a href="#">SBI354</a> Ecological Restoration and Conservation  <a href="#">SBI363</a> Organisms and Environmental Change  <a href="#">SBI240</a> Environmental Issues  <a href="#">SBI263</a> Fire Ecology and Management in North Australia  <a href="#">SBI322</a> DNA Analysis and Profiling (<i>unit runs in Semester 3</i>)</p> <p><a href="#">SCH102</a> Organic and Inorganic Chemistry</p> <p><a href="#">SES220</a> Geographic Information Systems 1  <a href="#">SES371</a> Catchments to Coasts  <a href="#">SES372</a> Landscape Analysis</p> <p><a href="#">WLM300</a> Wildlife Management</p> <p><a href="#">PHA211</a> Pharmaceutics 2</p> <p><a href="#">SMA102</a> Mathematics 1B  <a href="#">SMA211</a> Mathematics 2B</p> <p><a href="#">PHA213</a> Pharmacology 2  <a href="#">PHA214</a> Medicinal Chemistry &amp; Pharmacogenetics</p> <p><a href="#">SPE209</a> Exercise Physiology 1  <a href="#">SPE206</a> Exercise &amp; Sport Psychology 1  <a href="#">SPE310</a> Advanced Study in Exercise and Sports Science (<i>repeatable unit</i>)                      The Unit title for semester 2, 2009 is yet to be determined</p> <p><a href="#">PSY141</a> Introduction to Psychology B  <a href="#">PSY208</a> Biological Bases of Behaviour  <a href="#">PSY245</a> Cognition and Language  <a href="#">PSY202</a> Developmental Psychology</p>	SSE
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<p><a href="#">HIT125</a> Application Concepts  <a href="#">HIT191</a> The E-ticket  <a href="#">HIT314</a> GUI Applications (<i>unit title change as of 2009</i>)  <a href="#">HIT343</a> Business Analysis and Re-engineering  <a href="#">HIT381</a> Human Interaction Design</p> <p><a href="#">CIK230</a> Indigenous Engagements: Land and Water (<i>repeatable unit</i>)  <a href="#">CIK102</a> Indigenous Knowledges and Experience: Discovery and Colonisation  <a href="#">CIK200</a> Contested Knowledges  <a href="#">CIK220</a> Comparative Studies in Indigenous Policy  <a href="#">CIK305</a> Cultural Transactions: Communication and Negotiation</p>		<p><a href="#">PSY211</a> Psychology of Crime  <a href="#">PSY340</a> Introduction to Behavioural Therapies  <a href="#">PSY347</a> Advanced Research Design and Analysis  <a href="#">PSY353</a> Abnormal Psychology</p> <p><a href="#">PMO201</a> Project Management</p> <p><a href="#">HIT211</a> Application Development  <a href="#">HIT234</a> Database Concepts  <a href="#">HIT321</a> Enterprise Applications  <a href="#">HIT342</a> Information Systems Management  <a href="#">HIT382</a> Project</p> <p><a href="#">CIK240</a> Indigenous Cultures and the Environment  <a href="#">CIK210</a> Indigenous Knowledges: Representing and Recording Country  <a href="#">CIK210</a> Arctic to Uluru: Comparative Studies in Indigenous Policy  <a href="#">CIK340</a> Global Perspectives on Indigenous Nations</p>	
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