

APPLIED SCIENCE SPECIALISATION: GENERAL SCIENCE

Recommended study plan for students commencing in Semester 1

Semester 1		Semester 2	
Year 1			
CUC100 Academic Literacies	CU	CUC107 Northern Perspectives	CU
SCH101 Chemical Concepts	SCO	SPH141 Concepts of Physics	SCO
SMA100 Introduction to Mathematics Or SMA101 Mathematics 1A	SSE	Science Specialist Elective Choice	SSE
Elective 1	E	Elective 2	E
Year 2			
Science Specialist Elective Choice	SSE	SBI209 Design And Analysis of Biological Studies	SCO
Science Specialist Elective Choice	SSE	Science Specialist Elective Choice	SSE
Science Specialist Elective Choice	SSE	Science Specialist Elective Choice	SSE
Science Specialist Elective Choice	SSE	Science Specialist Elective Choice	SSE
Year 3			
ETP110 Teaching and Learning 1	ECO	ETP120 Teaching and Learning 2	ECO
ETL111 Educators as Effective Communicators	ECO	ETL121 Productive Learning in Diverse Classrooms	ECO
ETL411 Teaching the Curriculum 1	ECO	EIP310 Teaching Indigenous Learners	ECO
Education Specialist Elective 1 (<i>recommend ETL201</i>)	ESE	Education Specialist Elective 2 (<i>recommend ETL301</i>)	SSE
Year 4			
ETP210 Teaching and Learning 3 (<i>20 credit points</i>)	ECO	ETL421 Teaching the Curriculum 2	ECO
Education Specialist Elective 3	ESE	ETP320 Teaching and Learning 6 (<i>30 credit points</i>)	ECO
Education Specialist Elective 4	ESE		

SPECIALIST ELECTIVE CHOICES FOR GENERAL SCIENCE

Semester 1		Semester 2	
<p>Students select 80 credit points from units with codes commencing with SBI, SCH, SES, SMA, SPE, PSY, NUR, PHA, HIT, ENG, or CIK.</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>			
SBI106 The Diversity of Life SBI171 Anatomy & Physiology 1 SBI201 Introductory Ecology SBI245 Introduction to Life Processes SBI261 Functional Anatomy SBI353 Tropical Invaders and Biosecurity SCH225 Environmental Chemistry SES101 Earth Systems	SSE	SBI105 The Life of Cells SBI172 Anatomy and Physiology 2 SBI173 Microbiology SBI264 Environmental Physiology SBI265 Ecosystems and Biodiversity SBI354 Ecological Restoration and Conservation SBI363 Organisms and Environmental Change SBI240 Environmental Issues	SSE

<p>SES220 Geographic Information Systems 1 SES201 Introductory Remote Sensing SES360 Field Studies in Tropical and Desert Landscapes (<i>runs in Study Period 2</i>)</p> <p>SMA101 Mathematics 1A SMA209 Mathematics 2A</p> <p>PHA101 Pharmaceutics 1 PHA210 Pharmacology 1 PHA212 Medicinal Chemistry PHA310 Clinical Pharmacokinetics</p> <p>SPE205 Biomechanics 1 SPE210 Motor Control & Development SPE209 Exercise Physiology 1 SPE310 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>PSY140 Introduction to Psychology A PSY308 Behavioural Neuropsychology PSY209 Social-Cultural Psychology PSY247 Research Design and Analysis PSY305 Theories of Personality PSY315 Learning and Motivation PSY390 Introduction to Counselling NUR213 Pathophysiology</p> <p>ENG222 Digital Electronics and Computer Architecture ENG225 C Programming ENG322 Embedded and Mobile Systems</p> <p>HIT125 Application Concepts HIT191 The E-ticket HIT314 GUI Applications (<i>unit title change as of 2009</i>) HIT343 Business Analysis and Re-engineering HIT381 Human Interaction Design</p> <p>CIK230 Indigenous Engagements: Land and Water (<i>repeatable unit</i>) CIK102 Indigenous Knowledges and Experience: Discovery and Colonisation CIK200 Contested Knowledges CIK220 Comparative Studies in Indigenous Policy CIK305 Cultural Transactions: Communication and Negotiation</p>		<p>SBI263 Fire Ecology and Management in North Australia SBI322 DNA Analysis and Profiling (<i>unit runs in Semester 3</i>)</p> <p>SCH102 Organic and Inorganic Chemistry</p> <p>SES220 Geographic Information Systems 1 SES371 Catchments to Coasts SES372 Landscape Analysis</p> <p>WLM300 Wildlife Management</p> <p>PHA211 Pharmaceutics 2</p> <p>SMA102 Mathematics 1B SMA211 Mathematics 2B</p> <p>PHA213 Pharmacology 2 PHA214 Medicinal Chemistry & Pharmacogenetics</p> <p>SPE209 Exercise Physiology 1 SPE206 Exercise & Sport Psychology 1 SPE310 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>PSY141 Introduction to Psychology B PSY208 Biological Bases of Behaviour PSY245 Cognition and Language PSY202 Developmental Psychology PSY211 Psychology of Crime PSY340 Introduction to Behavioural Therapies PSY347 Advanced Research Design and Analysis PSY353 Abnormal Psychology</p> <p>PMO201 Project Management</p> <p>HIT211 Application Development HIT234 Database Concepts HIT321 Enterprise Applications HIT342 Information Systems Management HIT382 Project</p> <p>CIK210 Indigenous Knowledges: Representing and Recording Country CIK220 Arctic to Uluru: Comparative</p>	
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