

Discipline Studies Information

Booklet

USQ FACULTY OF EDUCATION

Suitable for:

BEd secondary, Primary, VET, TVE
Grad certification and master of learning and development
Graduation Diploma of Learning and Teaching

INFORMATION FOR 2009 (updated December 2008)

<http://www.usq.edu.au/education/current/proginfo/undergrad/senior/default.htm>



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How to use this booklet:

This booklet provides information for students or teachers who wish to upgrade their curriculum/discipline knowledge to enable them to teach in middle and/or secondary school levels.

Students who complete less than 4 courses are likely only to be able to teach up to year 9. To teach in year 11/12 you would need to complete more than 4 courses with some courses at levels 2 and 3.

The semester of offering does not include the offer mode. Courses are often offered in multiple modes during the same semester. Mode of offer could include:

On campus Toowoomba

On campus Springfield

On campus Fraser Coast

Web

External

*** Students will need to check the course specification at: <http://www.usq.edu.au/course/sp/2009/> to check the mode of offer when designing their enrolment patterns.**

Please note details in this booklet were correct at the time of collation. Faculties may make changes please check carefully.

* Indicates courses highly recommended and should be completed first.

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**1. SPECIFIC INFORMATION FOR:
BACHELOR OF EDUCATION (SECONDARY) AND
BACHELOR OF EDUCATION (SENIOR AND MIDDLE SCHOOLING)**

1.1 Admission Requirements

Normal Entry Applicants who have completed year 12 at a Queensland secondary school (or its equivalent) are eligible for consideration under the standard admission requirements. The overall position (or its equivalent) is used as the general basis for selection. Applicants must have obtained at least 'Satisfactory Achievement' or equivalent in English and must satisfy any pre-requisites for content studies from other Faculties (an interview and folio are required for the Visual Arts strand, interview and audition for Music, and academic requirement for Health and Physical Education).

1.2 Program Structure

To be awarded a 4 year Bachelors degree in the Faculty of Education, a student must have normally completed 32 units of credit at undergraduate levels 1-4. The Bachelor of Education (Senior and Middle Schooling) is a 32 unit program, comprised of 14 content studies units and 18 professional education units.

1.4 Duration

4 years full time study or equivalent through on-campus delivery, up to a maximum duration of 9 years.

1.5 Professional Experience

Pre-service teachers are required to undertake 100 days of professional experience. At least 80 days must occur in an approved educational environment under direct supervision. Some experiences may occur outside the local Darling Downs or Fraser Coast regions. Students need to have a current 'Blue Card' to undertake any professional experience in Queensland.

1.6 Professional Accreditation

Graduates who successfully meet all program requirements will be eligible to apply for registration as teacher in Queensland through the Queensland College of Teachers.

Note: The Queensland College of Teachers is required to conduct national criminal history checks on all new applications for teacher registration in Queensland. A "working with children" check will also be carried out prior to commencement of any professional experience.

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1.7 General Information

Normally, content studies in the Bachelor of Education (Senior and Middle Schooling) shall comprise fourteen (14) courses organised into either two (2) major teaching areas or one (1) major teaching area and a second minor teaching area based on major and minor requirements in the relevant Faculties. This means that some content studies, as indicated below, may only be taken as a first major or may not be taken as a second teaching area or a minor. Beginning educators are required to select a first major teaching area from Schedule A and second different teaching area from Schedule B or C. Some teaching areas may not be available at both the Toowoomba Campus and Fraser Coast Campus.

1. First Major Teaching Area: A sequence of a minimum of seven (7) and up to a maximum of ten (10) related discipline-based content courses with at least two (2) courses taken at second or third level.
2. Second Major Teaching Area: A sequence of seven (7) related discipline-based content courses with at least two (2) courses taken at second or third level.
3. Second Minor Teaching Area: Minimum four (4) discipline-based content courses.

1.8 Schedules for Major and Minor Teaching Areas

The program allows space for 14 courses of content. This can be made up in either of the following two ways:

Extended Major (up to 10 courses) + Minor (4 – 5 courses); OR

Major (7 courses) + Major (7 courses)

Major (7 courses) + minor (4 courses) + 3 courses from another discipline as listed in this booklet or the ones listed below.

These additional courses complement all curriculum areas:

To assist with working with students who are second language learners:

EDP4040 Not offered in 2009

LIN5000 The Nature of Language sem 1, 2 and 3

To enhance your employability in teaching vocational courses and at TAFE

EDV3500 Competency Based Training and Assessment, sem 2

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FIRST MAJOR TEACHING AREA	SECOND MINOR TEACHING AREA
SCHEDULE A [Minimum 7 - Maximum 10]	SCHEDULE C [Minimum 4 – Maximum 6]
Accounting Ancient History ¹ Australian Indigenous Studies Business Education Computing/IPT Drama and Theatre Studies ⁵ Economics English and Communications French Language ^{1, 2} Geography ² German Language ^{2, 4} Indonesian Language ² Engineering Technology & Design Graphics Japanese Language ^{1, 2} Mandarin Chinese ² Mathematics Modern History Music ⁵ Physical Education ⁵ Biology Chemistry Physics Visual Arts ⁶ Special Needs Agricultural Science	Ancient History ¹ Australian Indigenous Studies Business Education Computing Studies Economics English and Communications Junior Science Legal Studies Mathematics Modern History Studies of Society & Environment Tourism Study of Religion

NOTES

1. Some majors such as Ancient History, Geography, French and Japanese are available externally only with permission by cross-institutional studies through University of New England.
2. All beginning educators undertaking a LOTE major must meet Education Queensland (EQ) minimum competency/fluency requirements if they wish to seek employment as a LOTE teacher with EQ.
3. This major is available at Toowoomba Campus only.
4. Music Craft & History: Separate application with audition required. Applicants would normally have completed at least 5th grade Theory or Musicianship (AMEB) or have achieved at least HA for Music.
5. Physical Education: Separate application, interview and a minimum GPA provision.
6. Visual Arts: Separate application, interview and folio required.

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1.9 Certificate IV in Training and Assessment

This is available to students in any major. This qualification means you may be able to teach in TAFE and also in vocational subjects in years 11 & 12.

This course aims to enable teachers and trainers in post-compulsory education programs (schools, TAFE private and community providers) and in industry workplace training, to develop knowledge, understanding and skills in the design, development, implementation and assessment of competency-based programs that lead to nationally recognised vocational qualifications. As such, the course is designed to meet the requirements for students to demonstrate competence equivalent to completion of the TAA40104 Certificate IV in Training and Assessment, which is regarded as the industry standard for delivery and assessment of nationally recognised vocational training. Successful completion of this course requires learners to demonstrate competence “on the job” and therefore has a mandatory 25 hour vocational placement.

EDV3500 – Competency Based Training and Assessment, sem 2.

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2. Specific information for BEd primary/middle specialisation

For your middle years major you have 6 courses (electives) which you can add to your Courses to enable you to teach in the middle years, i.e. up to year 9.

The Queensland College of teachers who registers teachers requires that Preparation to teach in the Middle Phase of Learning “Graduates should have the ability to teach in all key learning areas and it is desirable that they have in-depth knowledge of at least two subject areas.”

To enable you to gain a middle years qualification you need to complete in depth knowledge of 2 subject areas. This booklet will provide you with suggested courses to gain that knowledge. It is suggested that you enrol in courses at levels 1 and 2 only however.

You must complete EDP3111 and then 2 courses in 1 discipline area and 3 courses in another discipline.

See the Program Co-ordinator for advice.

3. Specific information for BEd (Technical & Vocational Education)

Students in this specialisation who need to further enhance their major teaching area and/or who need to develop a second teaching area should use this Booklet as their information resource. Students should pay particular attention to and be guided by the courses in each Discipline area that have been designated as required for a Major or Minor. It is from this list of courses that students should select their courses. It is advisable that you also consult with the Specialisation Coordinator to ensure that you have chosen the most appropriate courses.

4. Specific information for Master of Training and Development

The program allows learners to combine studies in education and training with their choice of courses from many fields of interest, including Engineering, Business, Arts, Technology and many more. This degree is designed to keep pace with the rapidly changing education environment and the educator’s expanding role by offering maximum choice and flexibility. Learners can choose courses based on their personal and professional needs, industry requirements and future aspirations.

If you are choosing to upgrade your knowledge in a specific curriculum/subject area this Booklet can guide your selection.

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5. Recommended discipline courses

5.1 Specific information for Tourism

At most schools it would be expected that you would be able to teach both the academic and vocational tourism in years 11 and 12. In many schools it would also be expected that you would be able to teach SOSE or Business from years 8 – 10.

Course No	Course Name	Year	Semester
*TOU1003	Tourism Management	1	1
*TOU 2007	Tourism Planning	2	1
TOU 2008	Eco Tourism	2/3	1
TOU 2009	Cultural Tourism	2	2
TOU 2010	Event Management	2/3	2

5.2 Specific information for Study of Religion

Offered on a cross-institutional basis to students at USQ and JCU from ACU.

At most schools it would be expected that you would be able to teach Study of Religion from years 8 – 12. Religion and Ethics in Yrs 11 and 12.

Course No	Course Name	Year	Semester
*EDRE101	Religious Education 1	1	1
*EDRE102	Religious Education 2	1	2
*EDRE105	Religious Education 3	2	1
EDRE106	Religious Education 4	2	2
ANT2005	Anthropology of Religion and Belief	2/3	2

To enrol contact the **ACU** student centre on 3623 7136. You need to enrol online.

After you have enrolled and sent in Form XH, you will receive an email from **ACU** advising that to accept the offer you need to enrol in your units. That is, there is a “two stage process: 1) Application and 2) Enrolment.

5.3 Specific information for Early Childhood

For those interested in the Early Childhood vocation courses for years 11 and 12 this is not offered as a major or minor however some schools do offer it as a course. These courses would be useful to someone who already has a cert I, II or III in Childcare.

Course No	Course Name	Year	Semester
EDE2010	Play and Pedagogy I	1	2
EDE3103	Play and Pedagogy II	2	1
EDE2101	Early Childhood Education Contexts	1	1
EDE2201	Development and Learning: Birth – 8	1/2	2

5.4 Studies of Society and Environment (SOSE)

A range of interrelated concepts associated with particular key values and processes underpins Studies of Society and Environment. These are drawn from areas such as history, geography, economics, politics, sociology, anthropology, law, Aboriginal and Torres Strait Islander studies, Asian studies, civics and environmental studies.

At most schools it would be expected that you would be able to teach SOSE from years 8 – 10 and Study of Society in years 11 and 12.

Course No	Course Name	Year	Semester
*HIS1001	Introduction to Australian History	1	1
*POL1000	Government Business and society	1	1,2,3
*EDX2190	Not offered in 2009		
ANT1000	World Archaeology: An Introduction	2	1
ANT1001	Introductory Anthropology	2	2
ECO1000	Economics	2	1,2,3
HIS1003	World History Since 1500 AD	2	2
HIS2000	Contemporary Australia (P/R HIS1001 OR INR1000 OR HIS1001)	2	2
KNL1001	Indigenous Cultural Identity	2	1,2
LAW1101	Introduction to Law	1/2	1,2,3
POL2000	Politics and Economic Ideas	2	1
REN1201	Environmental Studies	2	1

5.5 Legal Studies

Responsible citizens should develop a basic understanding of the operation of our legal system in order to understand the interplay of 'law in society'. Legal Studies provides basic legal knowledge and awareness of the range of regulatory laws (rules) and the procedures for empowering all stakeholders to contribute to, and participate in, responsible citizenship.

At most schools it would be expected that you would be able to teach SOSE or Business Education from years 8 – 10 and Legal Studies in years 11 and 12.

Course No	Course Name	Year	Semester
LAW1101	Introduction to Law	1	1,2,3
LAW1202	Law in Context	1	2
LAW2104	Business and consumer law (P/R LAW1101)	2/3	1
LAW1201	Legal Process and Research	2	1,2
LAW2107	Environmental Law	1/2	2
LAW2106	Law of Business organisations (P/R LAW1101)	2/3	2,3
LAW3104	Management Law (P/R LAW1101)	2/3/4	1
LAW2201	Contract A (P/R LAW1201)	2	1
LAW2203	Torts A (P/R LAW1201)	2/3	1
LAW2301	e-law	2/3	1

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5.6 Accounting:

This major provides a background in financial and other information for making and evaluating decisions about the allocation of scarce resources. A comprehensive accounting system is central to assisting in the discharge of accountability and to the development and maintenance of the financial control of business organisations. Accounting information helps to evaluate performance and to report on the operation of an organisation from both an internal and external perspective.

At most schools they would expect that you will be able to teach Business Education/SOSE or computing from years 8 – 10 and Accounting and Business in years 11 and 12. In addition some schools may request that you teach Business Communication Technologies (BCT) and/or Business Organisation and Management, (BOM), Tourism and Legal Studies in years 11 and 12.

Course No.	Course Name	Year	Semester
CIS1000	Information System Concepts	1	1,2,3
CIS2200	Advanced Office Applications: Access and Word	2/3	1,3
*CIS2202	Advanced Office Applications: Excel and PowerPoint	2/3	2
*ACC1101	Accounting for Decision Making	1	1,2,3
ACC1102	Financial Accounting (P/R ACC1101)	1/2	1,2,3
ACC2113	Management Accounting 1 (P/R ACC1101)	2/3	1,2
*ACC3101	Accounting Information Systems (P/R ACC1101)	2/3	1,2,3
ACC3115	Company Accounting (P/R ACC1102)	2/3	1,2,3
ACC3116	Accounting and Society (P/R ACC3115)	3/4	1,2,3
ACC3118	Auditing	3/4	1,2,3
FIN1101	Business Finance I (P/R ACC1101)	1/2/3	1,3
FIN2301	e-Finance	2/3	2

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5.7 Business Organisation and Management (BOM)

In most schools they would expect that you could teach BOM in years 11 and 12. Business Education from years 8 – 10 and Business in years 11 and 12. In addition some schools may request that you teach computing from years 8 – 10 and/or Business Communication Technologies and/or Tourism in years 11 and 12.

Course No.	Course Name	Year	Semester
*ACC1101	Accounting for Decision Making	1/2	1,2,3
ACC3101	Accounting Information Systems (P/R ACC1101)	2/3	1,2,3
CIS1000	Information System Concepts	1/2/3	1,2,3
CIS2200	Advanced Office Applications: Access and Word	2/3	1,3
CIS2202	Advanced Office Applications: Excel and PowerPoint	2/3	2
*MGT1001	Human Resource Management	1/2	1
MGT1200	Business Communication	2/3	2
MGT2001	Management of Workplace Health & Safety	2/3	1
*MGT2002	International Marketing	2/3	2,3
MGT2006	Employment relations	1/2/3	2
*MGT2201	Administrative Management	2/3	1
MGT3004	Creativity, Innovation and Entrepreneurship	3/4	2
MGT3200	Information Management	3	1
MGT3201	Applied Administration	3	2,3
TOU2010	Event Management	2	2
ELC1101	Introduction to Electronic Commerce – Not offered 2009	1/2	2
*MKT1001	Introduction to Marketing	2/3	1,2,3
MKT1002	Consumer Behaviour (P/R MKT1001)	1/2	1, 2
MKT2001	Promotion Management (P/R MKT1001 C/R MKT1002)	2/3	1,3
MKT3002	Business Strategy in a Global Environment (P/R ACC1101 and MKT1001)	3/4	1
PRL1002	Principals and Practice of Public Relations	1/2/3	1

5.8 Business Communications Technologies (BCT)

In most schools they would expect that you could teach BCT in years 11 and 12. Business Education from years 8 – 10 and vocational business in years 11 and 12. In addition some schools may request that you teach computing from years 8 – 10 and/or BOM and/or Tourism in years 11 and 12.

Course No.	Course Name	Year	Semester
*CIS1000 or *CSC1402	Information System Concepts or Foundation Computing	1	1,2,3
CIS2200	Advanced Office Applications: Access and Word	2/3	1,3
CIS2202	Advanced Office Applications: Excel and PowerPoint	2/3	2
*ACC1101	Accounting for Decision Making	1/2	1,2,3
ACC3101	Financial Accounting Systems	2/3	1,2,3
*MGT1001	Human Resource Management	1/2	1
*MGT1200	Business Communication	1/2	2
MGT2001	Management of Workplace Health & Safety	2/3	1
MGT2002	Managing Organisations	2/3	2,3
MGT2006	Employment relations	1/2/3	2
MGT3004	Creativity, Innovation and Entrepreneurship	3/4	2
*MGT3200	Information Management	3	1
POL1000	Government, Business and Society	1/2	1,2,3
PUB5001	Introduction to Editing and Publishing	4	1
TOU2010	Event Management	2/3	2
LAW1101	Introduction to Law	1/2	1,2,3
MKT1001	Introduction to Marketing	2/3	1,2,3
MKT1002	Consumer Behaviour (P/R MKT1001)	1/2	1, 2
MKT3002	Business Strategy in a Global Environment (P/R ACC1101 and MKT1001)	3/4	1
POL1000	Government, Business and Society	1/2	1,2,3
MEA1000	Elements of Multimedia	1	1

5.9 Computing

Information Processing and Technology (IPT)

Studies in computing may be undertaken through the Faculties of Sciences or Business. Pre service teachers wishing to teach IPT in the senior secondary school should ensure that their content major includes all of the key topics from the syllabus, namely: Social and ethical issues, Information and Intelligent systems, Human-computer interaction, Software and system engineering.

In most schools they would expect that you could teach ICTE or computing from years 8 – 10 and IPT and Computing Studies/ICT and ITS in years 11 and 12.

Course No.	Course Name	Year	Semester
*CIS1000	Information System Concepts	1	1,2,3
*CIS2002	Database Design (P/R CIS1000 C/R CIS2000)	2	1,3
*CIS2000	Systems Analysis and Design (P/R CIS1000)	2	1,3
STA2300	Data analysis	2	1,2,3
CSC1401	Foundation Programming	2/3	1,2
CIS3002	Business Systems Analysis and Design and Implementation (P/R CIS2000 & CIS2002)	3	1
MAT1101	Discrete Mathematics for computing	2/3	1
CIS2005	Principals of Information Security (P/R CIS1000)	2/3	2
CIS2202	Advanced Office Applications: Excel and PowerPoint	2/3	2
CIS2200	Advanced Office Applications: Access and Word	2/3	1,3
CIS3001	Object orientated Java Programming (P/R CIS1001 OR CSC1401)	2/3	1
CIS3003	Networks and Distributed Business Systems (P/R CIS2000)	2/3	1
CSC2406	Web Publishing (P/R CSC2408)	2/3	1,3
CSC2408	Software Development Tools (P/R CSC1401)	2/3	2,3
FET4640	Teaching and Learning in a Flexible Environment	3/4	1
ELE1301	Computer Engineering	1/2	1
MEA2005	2D and 3D Animation	1	1

5.10 Computing Studies/Information Communication Technologies

In most schools they would expect that you could teach ICTE or computing from years 8 – 10 and Computing Studies/ICT in years 11 and 12.

Course No.	Course Name	Year	Semester
*CIS1000 or *FET5621 or *CSC2406	Information System Concepts or Introduction to Web Publishing or Web Publishing	1	1,2,3 1,3 1,3
CIS2002	Database Design	1/2	1,3
*CIS2202	Advanced Office Applications: Excel and PowerPoint	2/3	2
CIS2200	Advanced Office Applications: Access and Word	2/3	1,3
CIS2000	Systems Analysis and Design	2/3	1,3
EDU5472	Computing in Education	2/3	2
CIS3003	Networks and Distributed Systems	2/3/4	1
EDU5471	Computer Based Resources in Education	3/4	1
EDU3453	Arts Technology and teaching	3/4	2
FET4640	Teaching and Learning in a Flexible Environment	3/4	1
*MEA1000	Elements of Multimedia	1	1
MEA2005	2D and 3D Animation	2	1
MEA1002	Creative editing	1	1
*MEA1001	Guerrilla Video	2	2

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5.11 Information Technology Systems (ITS)

This is a new subject which looks at the areas of Data base, System Design/Technical Support, Programming or Multi-media.

In most schools they would expect that you could teach ICTE or computing from years 8 – 10 and ITS and Computing Studies/ICT in years 11 and 12.

Course No.	Course Name	Year	Semester
*CIS1000	Information System Concept	1/2/3	1,2,3
*CIS2000	Systems Analysis and Design	1/2/3	1,3
*CIS2200	Advanced Office Applications: Access and Word	2/3	1,3
CIS2002	Database design	2/3	1,3
CIS2003	Component Based Software Development	3/4	2
CIS2202	Advanced Office Applications: Excel and PowerPoint	2/3	2
*CIS3001	Java Programming	1/2/3	1
CIS3003	Networks and Distributed Systems	3/4	1
CSC1401	Foundation Programming	1/2	1,2
MEA1000	Elements of Multimedia	1	1
MEA2005	2D and 3D Modelling	1	1

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5.12 Specific information for English and Communications

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English is used by most Australians to communicate with others in our culturally diverse communities. This major enables pre-service teachers to engage with a wide variety of literary, mass media and everyday texts. Further English/Communications enables pre service teachers to conceptualise, imagine, appreciate, experiment, speculate, reflect, make decisions, hypothesise, analyse and evaluate their ability to think, use language, and make meaning.

In most schools they would expect that you could teach English or communication from years 8 – 10 and English in years 11 and 12. In some schools you may be also required to teach English Extension (Literature) and Literacy and Numeracy, English for ESL Learners and Functional English in years 11 and 12.

Major	Major only available	Recommended Pattern	
		Year	Semester
Course No	Course Name		
*ENL1000	Literature, Criticism and Culture	1	1,3
*ENL1001	Australian Stories	1	2
CMS1010	Intro to Communication and Media Studies	2	1
*ENL2003	The Art of Storytelling	2	2
*EDX2170	English Curriculum and Pedagogy	2	2
*ENL2002	Romanticism	3	1
ENL3000 or ENL3002 or ENL3004	Modern Literature or Popular Literature or The Literacy Cannon	3 3 3	2 1 2
ENL3003	Special Study in Literature (P/R 3 units of literature)	3	1,2,3
CMS1011 or CMS2013 or CMS2014	Couch Culture: Understanding Television or Cinema Text and Theory or New Hollywood Cinema	2 2 2	2 1,2 2
SPE3009 or EDU8324	Learning Disabilities in Literacy and Numeracy or Learning Difficulties: Reading	1 4	1 2
EDP4140	Not offered in 2009		
LIN5000	The Nature of Language	4	1,2,3
EDO3471	Multiliteracy: Understanding Texts	3	2
EDV3551	Vocational and Workplace Literacies Not offered in 2009	3	1

5.13 Drama and Theatre Studies

Drama & Theatre Studies provide a medium for exploration, social criticism, celebration and entertainment and is explored through the dimensions of forming, presenting, and responding. The study of drama actively promotes participation in an experiential mode of learning that blends intellectual and emotional experience and offers a unique means of enquiry that contributes to pre-service teachers knowing and understanding themselves and the world.

In most schools it would be expected that you could teach drama from years 11 -12, Arts in Practice/Creative Arts in years 11 and 12 and drama from The Arts in years 8 - 10.

Major	Major only available	Recommended Pattern	
Course No.	Course Name	Year	Semester
EDO 3476	Drama in Arts Education	2/3	1
*EDX1250	The Arts Curriculum and Pedagogy	1/2	1,3
THS2006	Pre-renaissance Drama	1/2	1
*THE1000	Introduction to Creative Practice`	1	1
*THE1001	Introduction to History and Theory of Drama	1	1
*THE1002	Introduction to History and Theory of Drama	2	2
THE1021	Interpretive Acting	1/2	2
THE1022	Essential Stage Management	2/3	2
THE2002	Community and Political Theatre	2/3	2
THE2003	Children's and Young People's Theatre	2/3	1
THE2006 or THE2005	Theatre Manifesto or Australian Drama Not offered in 2009	2/3	1
THE2011	Acting Option 1	2/3	1
THE2031	Acting Option 2	2/3	2
THE3021	Acting Option 3	2/3	1
THE2008	Modern Drama Not offered in 2009	2/3	
MEA2000	Scriptwriting for Creative Media	2/3	1

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5.14 Music

Music is an important part of cultural life. It makes a significant contribution to personal, social and cultural identities, it offers a unique form of self-expression and communication, and it assists beginning educators to understand people of different cultures. Fundamental to the study of music is the development of creativity and expressiveness, which goes hand in hand with fostering self-discipline, concentration, listening skills and fine-motor skills.

In most schools it would be expected that you could teach Music and Music extension from years 11-12, Arts in Practice/Creative Arts in years 11 and 12 and music from The Arts in years 8 - 10.

Major	Major only available	Recommended Pattern	
		Year	Semester
Course No	Course Name		
*MUS1021	Music Craft 1	1	1
*MUS2022	Music Craft 2 (P/R MUS1021)	1	2,3
*MUS2023	Music Craft 3 (P/R MUS2022)	2	1
*MUS1031	Music History 1	2	1
MUS2024	Music Craft 4 (P/R MUS2023)	2	2
*MUS2032	Music History 2 (P/R MUS1031)	2	2
*EDO3475	Music in Arts Education	2/3	2
MUS2033	Music History 3 (P/R MUS2032)	3	1
MUS3025	Music Craft 5 (P/R MUS2024)	3	1
MUS3026	Music Craft 6 (P/R MUS3025)	3	2
	Choose one from		
MUI1001	Music Performance, Creation and Scholarship	1	1,3
EDX1250	The Arts Curriculum and Pedagogy	1	1,3
MUS2087	Introduction to Popular Music	2/3	2
MUS4001	Structural Analysis in Music	3/4	1
MUS4041	Music Teaching A	3/4	1
MUS4042	Music Teaching B	3/4	2
EDU3456	Musicianship through Technology	3	1
MU11000	Aural Skills and Tonal Harmony	1	1
MU11003	Historical Musicology 1: Turning Points in Western Music	1	2
MU11004	Aural Skills and Advanced Tonal Harmony	1	2
MU12002	Aural Skills and Post-Tonal Harmony	2	1
MU12000	Music Since 1970	2	2
MU12001	Music of the World	2	2
MU12005	Introduction to Music Technology	2	2

PLEASE NOTE THE FOLLOWING REQUIREMENTS:

Music: Separate application with audition required. Applicants would normally have completed at least 5th grade Theory or Musicianship (AMEB) or have achieved at least HA for Music.

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5.15 Visual Arts

Visual Art involves the production of artworks (making) and the appreciation of artworks (appraising) through the processes of researching, developing and resolving.

In most schools it would be expected that you could teach Visual Art from years 11 - 12, Arts in Practice/Creative Arts in years 11 and 12 and Visual Art from The Arts in years 8 - 10.

Major	Major only available	Recommended Pattern	
		Year	Semester
Course No	Course Name		
*VIS1100	Elements of Visual Design		1
*VSA1000	Introduction to Art Theory		1
*VSA1001	Contemporary Art Practice 1		2
VSA1002	Introduction to Contemporary Art Practice		1
VSA1003	Soft Architecture		2
VSA1021	Environmental Art and Design		2
VSA2000	Visual Aesthetics		1
*VSA2001	Artists, Works and Processes		2
VSA2002	Contemporary Art Practice 2		1
VSA2003	Contemporary Art Practice 3		2
VSA3004	Contemporary Art Practice 4		1
VSA3005	Contemporary Art Practice 5		2
*VSA3021	Contemporary Art Theory 1		1
VSA3022	Contemporary Art Theory 2		2
*EDX1250	The Arts Curriculum and Pedagogy		1,3
MEA1002	Creative Editing		1
MEA1000	Elements of Multimedia		1

PLEASE NOTE THE FOLLOWING REQUIREMENTS:

Visual Arts: Separate application, interview and folio required.

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5.16 HEALTH AND PHYSICAL EDUCATION (HPE)

Major only available

Health and Physical Education focuses on the complexity of, and interrelationships between the psychological, biomechanical, physiological and sociological factors which influence individual and team performances, and investigates the wider social attitudes to physical activity and health issues, from a social perspective, within the community.

In most schools it would be expected that you could teach Health and Physical Education for years 8 – 10 in addition to teaching across an integrated unit. At the senior level (years 11-12) teachers would be expected to teach Physical Education where knowledge in the key content areas; acquiring motor skill, physiological parameters for physical activity and the socio-cultural foundations of physical activity are crucial. Teachers of HPE may well be asked to teach Physical Recreation/Recreation in years 11 and 12. HPE teachers are not normally asked to teach Health Education to senior as this requires specialist knowledge. However many do and you should consider how you may acquire such knowledge outside of your HPE major.

Major	Course Name	Recommended Pattern	
		Year	Semester
*BIO1203	Human Anatomy & Physiology	1	2,3
BIO2203 or	Systems Physiology or	2	1
ED02462	Biophysical Foundations of Physical Activity	2	1
BIO3333	Cardio respiratory & Sport Physiology	3	2
*EDX1450	HPE Curriculum and Pedagogy	1	2,3
EDO2461	Teaching and Learning in Physical Education	2	1
EDO3461	Sociocultural Foundations of Physical Education	2/3	1
EDO3462	Practical Studies in Physical Education	2/3	2
EDO3465	Acquiring Motor Skill	2/3	1
EDO4461	Curriculum Studies in Health and Physical Education	2/3	2

PLEASE NOTE: Interview may be required

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5.17 Languages

Learning languages other than English (LOTE) provides an awareness and understanding of the nature and purpose of language in general, and thereby improves the use and understanding of English. It fosters cross-cultural understanding and develops a respect for people of other languages and cultures. The following languages are available through USQ or by cross-institutional study at the University of New England: French, German, Indonesian, Japanese and Mandarin Chinese.

Most schools would expect that you could teach your language from year 8 – 12

Compulsory – 7 courses (or 7 units) for a major. At least 2 courses must be taken at third or advanced level.

The last day to enrol into via cross institutional study for sem 1 2009 at UNE is the 6 February 2009.

You can view the courses for each of the language majors at the UNE website:

<http://www.une.edu.au/courses/2009/courses/BLANG>

You can download the cross institutional form from this site:

<http://www.une.edu.au/for/current-students/forms/#item0> and click onto:

[Cross-Institutional, Non-Award and Summer Semester Admission and Enrolment](#)

5.17.1 German Language

Major	If completed Year 12 or equivalent	Recommend Pattern	
Course No	Course Name	Year	Semester
*GER1101	German IA	1	1
*GER1102	German 1B	1	2
*GER2101	German 2A	2	1
*GER2102	German 2B	2	2
*GER3101	German 3A	3	1
GER3102	German 3B	3	2
*EDU3481	Intro to Lang & Second Language Teaching	2/3	1
EDU3482	Second Language Teaching Methodology	2/3	2
EDP4140	Not offered in 2009		
LIN5000	Nature of Language	3	1,2,3
LIN5002	Method in Teaching 2 nd Language	3	1,2

5.17.2 Indonesian Language

Major	If completed Year 12 or equivalent	Recommended Pattern	
Course No	Course Name	Year	Semester
*IND1000	Indonesian 1A	1	1
*IND2000	Indonesian 1B (P/R IND1000)	1	2
*IND2021	Intermediate Indonesian A (P/R IND2000)	2	1
*IND2022	Intermediate Indonesian B (P/R IND2021)	2	2
*IND3001	Advanced Indonesian A	3	1
IND3002	Advanced Indonesian B (2 credit points)	3	2
*EDU3481	Intro to Lang & Second Language Teaching	2/3	1
EDU3482	Second Language Teaching Methodology	2/3	2
EDP4140	Not offered in 2009		
LIN5000	Nature of Language	3	1,2,3
LIN5002	Method in Teaching 2 nd Language	3	1,2

*Compulsory – At least 2 courses must be taken at third or advanced level.

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5.17.3 Japanese Language

Major	Course No	Course Name	Recommended Pattern	
			Year	Semester
	*JAPN101	Japanese Language 1A	1	1
	*JAPN102	Japanese Language 1B	1	2
	*JAPN201	Japanese Language 2A	2	1
	*JAPN202	Japanese Language 2B	2	2
	*JAPN301	Japanese Language 3A	3	1
	JAPN302	Japanese Language 3B	3	2
	*EDU3481	Intro to Lang & Second Language Teaching	2/3	1
	EDU3482	Second Language Teaching Methodology	2/3	2
	EDP4140	Not offered in 2009		
	LIN5000	Nature of Language	3	1,2,3
	LIN5002	Method in Teaching 2 nd Language	3	1,2

5.17.4 Chinese Language

Major	Course No	Course Name	Recommended Pattern	
			Year	Semester
	*CHIN101	Chinese Language 1A		1
	*CHIN102	Chinese Language 1B		2
	*CHIN201	Chinese Language 2A		1
	*CHIN202	Chinese Language 2B		2
	*CHIN304	Intermediate Chinese: Reading		1
	*CHIN305	Intermediate Chinese: Listening		2
	*EDU3481	Intro to Lang & Second Language Teaching	2/3	1
	EDU3482	Second Language Teaching Methodology	2/3	2
	EDP4140	Not offered in 2009		
	LIN5000	Nature of Language	3	1,2,3
	LIN5002	Method in Teaching 2 nd Language	3	1,2

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5.17.5 French Language

Major		Recommended Pattern	
Course No	Course Name	Year	Semester
*FREN101	French Language 1A		1
*FREN102	French Language 1B		2
*FREN201	French Language 2A		1
*FREN202	French Language 2B		2
*FREN301	French Language 3A		1
FREN302	French Language 3B		2
*EDU3481	Intro to Lang & Second Language Teaching	2/3	1
EDU3482	Second Language Teaching Methodology	2/3	2
EDP4140	Not offered in 2009		
LIN5000	Nature of Language	3	1,2,3
LIN5002	Method in Teaching 2 nd Language	3	1,2

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5.18 ENGINEERING TECHNOLOGY AND DESIGN GRAPHICS

This area is only available to those students with an Industrial trade background.

In most schools it would be expected that you could teach Technology from years 8 - 10, Engineering Technology, Graphics, Technology Studies and Industrial Skills in years 11 and 12.

Course No	Course Name	Year	Semester
*MAT1100	Foundation Mathematics	1	2
*MEC1201	Engineering Materials	1/2	1,2
*ENG1100	Introduction to Engineering Design	1/2	1,2
*MGT2001	Management of Workplace Health and Safety	2/3	1
ENG1101	Engineering Problem Solving 1	1/2	1,2
ELE1801	Electrical Technology	2/3	2
*EDP4103	Not offered in 2009	2/3	
ENG1500	Engineering Fundamentals	2/3	1
MEC2304	Solid Modelling	2/3	2

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5.19 MATHEMATICS

Mathematics is an integral part of a general education. It underpins science and technology, most industry, trade and commerce, social and economic planning and communication systems and is an essential component for effective participation in a rapidly changing society.

If taken as a minor in most schools it would be expected that you could teach: Mathematics years 8 – 10, Trade and Business Maths years 11 and 12 and possibly Maths A and Literacy and numeracy years 11 and 12.

If taken as a major in most schools it would be expected that you could teach: Mathematics years 8 – 10, Functional Maths and Pre-vocational Maths in years 11 and 12, Maths A, B and C and Literacy and numeracy years 11 and 12. There are a number of new syllabi in the mathematics area that it is possible that you would have to teach from also including: Logic, Philosophy & Reason and Articulation.

Major	Course Name	Recommended Pattern	
		Year	Semester
*MAT1000	Mathematics Fundamentals and Communications (may not be required if you have completed Maths B & C at school)	1	1
*MAT1100	Foundation Maths	1	2
*MAT1102	Algebra and Calculus 1	1	1
*STA2300	Data Analysis	2/3	1,2,3
*MAC1901 OR EDX1280	Maths for Teachers OR Foundations of Numeracy	1	2 2,3
MAT1101	Discrete Mathematics for Computing	2	1
MAT1200	Operations Research 1	2	2
*MAT2100	Algebra and Calculus 11 (P/R MAT1102)	2/3	2
MAT3105	Harmony of Partial Differential Equations	3	1
CSC2409	High Performance Numerical Computing	2/3	1
*EDX3280	Not offered in 2009		
EDU5421	Problem Solving in Science/Mathematics	3	1
EDU5431	Technology in Science/Mathematics Education	3	2
EDU5422	Mathematics and Science in Life and History	3	3
SPE3009 or EDU8326	Learning Disabilities, L & N or Learning Difficulties: Mathematics	2/3 4	1 1

5.20 Ancient History (through UNE)

Ancient History: The study of Ancient History helps to make sense of the world as it is today. The nature and impact of various cultural and religious developments, ancient societies' responses to complex social and economic challenges, the issues of justice, discrimination and violence are still a part of our contemporary world.

This major is only available externally through the University of New England.

Students should refer to the Ancient History offerings by UNE's School of Classics, History and Religion <http://www.une.edu.au/chr/units.php> for other courses that may be suitable for inclusion in an Ancient History Major.

The last day to enrol into via cross institutional study for sem 1 2009 at UNE is the 6 February 2009.

You can download the cross institutional form from this site:

<http://www.une.edu.au/for/current-students/forms/#item0> and click onto:

[Cross-Institutional, Non-Award and Summer Semester Admission and Enrolment](#)

In most schools would expect that you would be able to teach SOSE years 8 – 10, Ancient History years 11 and 12 and Study of Society and/or Social and Community Studies in years 11 and 12.

Major	Course No	Course Name	Recommended Pattern	
			Year	Semester
	*#ANCH111	Intro to Roman History	1	2
	*#ANCH110	Introduction to Greek History:	2	1
	#ANCH304	Society and the Individual in Classical Greece	2	2
	#ANCH324	Egypt in the Age of the Pyramids	2	2
	ANT1000	World Archaeology: An Introduction (usq course)	2/3	1
	HIS1001	Introduction to Australian History (usq course)	2/3	1
	*HIS1003	World History Since 1500 (usq course)	2/3	2
	*EDX2190	Not offered in 2009		
	HIS1000	World Civilizations to 1500AD	1/2	1
	ANT1001	Introduction to Anthropology	1/2	2

Courses offered cross institutionally by UNE

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5.21 Modern History

The study of History, as an integral part of the Social Sciences, provides the knowledge necessary to understand the social, cultural, political and economic activities and institutions of society and their relationship with the natural environment from a historical perspective.

In most schools would expect that you would be able to teach SOSE years 8 – 10, Modern History years 11 and 12 and Study of Society and/or Social and Community Studies in years 11 and 12.

Major		Recommended Pattern	
Course No	Course Name	Year	Semester
*HIS1003	World History Since 1500 AD	2/3	2
*HIS1001	Introduction to Australian History	1	1
HIS2000	Contemporary Australia (P/R HIS1001 OR INR1000 OR HIS1001)	2	2
INR3000	Australian Foreign Relations	3	2
HIS3001	Modern Southeast Asia: History	3	1
HIS3000	Special Study in History	3	2
ANT1000	World Archaeology: An Introduction	2/3	1
POL2000	Political and Economic Ideas	2/3	1
HIS2005	The Emergence of Modern Europe	2/3	1
HIS3002	The Twentieth Century	2/3	2
*EDX2190	Not offered in 2009		
*HIS2004	Approaches to History	2/3	2
HIS4004	European History	3	1

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5.22 Aboriginal and Torres Strait Islander Studies

This major in Aboriginal and Torres Strait Islander Studies provides opportunities to examine important events from various points of view to ensure that all perspectives are represented. By understanding that there are various ways of viewing the world, it will help to identify and address prejudice and racism.

In most schools would expect that you would be able to teach SOSE years 8 – 10, Aboriginal and Torres Strait Islander Studies years 11 and 12 and Study of Society and/or Social and Community Studies in years 11 and 12.

Major	Course No	Course Name	Recommended Pattern	
			Year	Semester
	*ANT1000	World Archaeology: An Introduction	1	1
	ANT1001	Introductory Anthropology	1	2
	*KNL1001	Indigenous Cultural Identity	2	1,2
	HIS2001	Race Relations in Australian History	2	1
	KNL1002	Torres Strait Island Studies	2	1,2
	*KNL2001	Indigenous Knowledge and Australian Heritage	3	1,2
	*KNL3001	Indigenous Australian Culture and Community	3	1,2
	*EDX2190	Not offered in 2009		

5.23 Economics

The study of Economics enables decision-making based on contemporary economic theory.

In most schools would expect that you would be able to teach SOSE years 8 – 10, Economics years 11 and 12 and Study of Society and/or Social and Community Studies in years 11 and 12.

Major	Course	Course Name	Recommended Pattern	
			Year	Semester
	*ECO1000	Economics	1	1,2,3
	POL2001	Institutions and Governance	1	2
	*ECO2000	Macroeconomics for Business and Government (P/R ECO1000)	2	1
	*ECO2001	Microeconomics for Business and Government (P/R ECO1000)	2	2
	*POL2000	Politics and Economic Ideas	2	1
	ECO3002	Economic Policy Analysis (P/R ECO1000)	3	2
	*EDXV2190	Not offered in 2009		
	*POL1000	Government, Business and Society	1/2	1,2,3

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5.24 Geography

A Geography major contributes to the content, cognitive processes, skills and values that it can promote to help to explore, understand and evaluate the social and environmental dimensions of the world. Geography evokes feelings for environments and people in environments covering themes such as Managing the Natural Environment, People and Development, Social Environments, and Resources and Environment.

The Geography and Planning courses (GEPL) in this major are only available externally through University of New England. Students should refer to the course offerings of the School of Human Environmental Studies – Geography and Planning <http://www.une.edu.au/shes/units/gepl.php> for additional GEPL courses to those listed below which may be suitable for inclusion in a Geography major.

The last day to enrol into via cross institutional study for sem 1 2009 at UNE is the 6 February 2009.

You can download the cross institutional form from this site:

<http://www.une.edu.au/for/current-students/forms/#item0> and click onto:

[Cross-Institutional, Non-Award and Summer Semester Admission and Enrolment](#)

In most schools would expect that you would be able to teach SOSE years 8 – 10, Geography years 11 and 12 and Study of Society and/or Social and Community Studies in years 11 and 12.

Major	Course No.	Course Name	Recommended Pattern	
			Year	Semester
	*REN1201	Environmental Studies (USQ course)	1	1
	*GIS1402	Geographic Information Systems (USQ course)	2,3	2
	GEPL121	The World of Planning: An Introduction	2	1
	GEPL322	Cradle to Grave: Intro Population Geog	2	1
	GEPL111	Earth in Crisis?	2/3	1
	GEPL324	Rural Planning and Resource Management		2
	GEPL316	Urban Living	2/3	2
	GEPL112	Australia: Sustainable Development	2	2
	GEPL321	Advanced Population Studies		2
	CLI1110	Introductory Climatology (USQ course)	2	1
	GEPL341	Topics in Biogeography	3	2
	PHY1102	Remote Sensing & Meteorology (USQ course)	2	2
	*EDX2190	Not offered in 2009		
	SVY4203	Urban and Regional Planning	3	1
	*POL1000	Government, Business & Society	1/2	1/2/3

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5.25 Chemistry

Chemistry provides an understanding of the materials around us and why they behave as they do. Being central to understanding the phenomena of the reactions of matter in our material universe, it also bridges links with other branches of natural science.

In most schools all science teachers would be expected to teach science from years 8 – 10, Chemistry and Multi-strand in years 11 and 12. Students may also be required to teach Science, Multi-strand, Earth Science, Agricultural and Horticulture, Marine and Aquatic Practices.

Major	Course No	Course Name	Recommended Pattern	
			Year	Semester
	*BIO1101	Biology 1	2	1
	*CHE1110	Chemistry 1	1	1
	*PHY1104 or PHY1101	Physics Concepts or Astronomy 1	2	1 1
	*CHE2120	Chemistry 2 (P/R CHE1110)	1	2
	BIO2201	Biochemistry 1 (P/R CHE2120)	2	1
	BIO3301	Biochemistry 2 (P/R BIO2201)	3	2
	*EDX3160	Science Curriculum and Pedagogy	2/3	2
	EDX2260	Teaching Science Understanding	2/3	1,2,3
	EDX3561	Not offered in 2009		
	EDO3562	Not offered in 2009		
	EDU5431	Technology in Maths/Science Education	3	2
	EDU5422	Maths and Science in Life and History	3	3
	EDU5421	Problem solving Constructivist	3	1

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5.26 Biological Science

Biological Science is the study of the natural systems of the living world. There are two broad aspects to these natural systems. One is concerned with the study of the many different kinds of organisms and their interactions with each other and with the non-living parts of their environment. The other aspect is the study of the internal structure of organisms and the processes that maintain life.

Major		Recommended Pattern	
		Year	Semester
Course No	Course Name		
*BIO1101	Biology 1	1	1
*BIO2103	Biology 2 (P/R BIO1101)	1	2
*CHE1110	Chemistry 1	2	1
*PHY1104 or PHY1101	Physics Concepts or Astronomy 1	2	1 1
EDX3160	Science Curriculum and Pedagogy	2/3	2
Plus a minimum of 3 courses from the list below:			
BIO2201	Biochemistry 1 (P/R CHE2120)	3	1
BIO2202	Plant Physiology (P/R BIO1101)	2/3	1
BIO2203	System Physiology (P/R BIO2103)	2/3	1
BIO2204	Plant Diversity (P/R BIO2103) <i>(Last time to be offered is 2009)</i>	2/3	2
BIO2205	Introductory Microbiology (P/R BIO1101 + recommended BIO2201 + BIO2103)	2/3	2
BIO2207	Genetics (P/R BIO2103 + STA2300)	2	2
BIO2208	Not offered in 2009	2/3	1
BIO2209	Cell Biology (P/R BIO2103, C/R BIO2201)	2/3	1
BIO3301	Biochemistry 2 (P/R BIO2201)	3	2
BIO3302	Plant Biochemistry & Biotechnology (P/R BIO1101 + BIO2201)	2/3	2
BIO3333	Cardiorespiratory & Sport Physiology (P/R BIO2203)	3	2
BIO3318	Plant-Microbe Interactions (P/R BIO1101) Not offered 2009	3	2
BIO3307	Plant Breeding (P/R BIO2209; C/R BIO2207)	3	2
BIO3309	Molecular Biology (P/R BIO2209 C/R BIO2205)	3	2
BIO3620	Physiology & Pathophysiology 1		
BIO3630	Physiology & Pathophysiology 2		
REN1201	Environmental Studies	2/3	1
BIO1203	Human Anatomy & Physiology	1/2	2,3
REN3301	Biodiversity & Conservation (P/RBIO2208 or REN1201)	3	2

Please see over page

Major		Recommended Pattern	
Course No	Course Name	Year	Semester
CHE2120	Chemistry 2	2	2
EDX2260	Teaching Science Understanding	2/3	1,2,3
EDO3561	Not offered 2009	3	
EDO3562	Not offered 2009	3	
EDU3431	Earth and Biological Science Teacher	2/3	1
EDU5431	Technology in Maths/Science Ed	3	2
EDU5422	Maths & Science in Life & History	3	3
EDU5421	Problem Solving Constructivist	3	1

5.27 Physics

Physics is the fundamental science in that its principles are used to varying extents in other science disciplines. It is more mathematical than other sciences and so beginning educators of Physics can expect to use concepts from mathematics subjects.

Major	Course No	Course Name	Recommended Pattern	
			Year	Semester
	*BIO1101	Biology 1	2	1
	*CHE1110	Chemistry 1	2	1
	*PHY1104	Physics Concepts	1	1
	*MAT1102	Algebra & Calculus 1	1	1
	*EDX3160	Science Curriculum and Pedagogy	3	2
Plus a minimum of 3 courses from the list below:				
	PHY1101	Astronomy 1	1	1
	PHY1102	Remote Sensing and Meteorology	1/2	2
	PHY1107	Astronomy 2	1/2	2
	PHY1911	Physics & Instrumentation (recommended prior study PHY1104 and MAT1102)	1/2	2
	PHY2205	Electromagnetic Concepts (Co/req PHY1104 OR recommended co/req MAT1102)	2	1
	PHY2203	Atomic Physics (P/R MAT1100 OR MAT1102) AND (PHY1103 or PHY1104 or PHY1911)	2/3	2
	PHY2204	Astrophysics	2/3	1
	PHY3301	Quantum & Solid State Physics (P/R PHY2202 and MAT1102 and (PHY1911 or PHY1103 or PHY1104)	3	1
	PHY3302	Advanced Topics in Physics (P/R PHY2205 & MAT1102)	2/3	2
	SCI3301	Science Project	3	1,2
	PHY2202	Optical Physics (P/R PHY2201)	2/3	2
	CLI2110	Physics of Climate (P/R PHY1102 and MAT2100)	2/3	1
	EDO3561	Not offered 2009	3	
	EDO3562	Not offered 2009	3	
	EDU5422	Maths & Science in Life & History	3	3
	EDU5421	Problem Solving Constructivist	3	1

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5.28 Junior Science

Course	Course Name	Year	Semester
*BIO1101	Biology 1	1	1
*CHE1110	Chemistry 1	2	1
*PHY1104	Physics Concepts	2	1
REN1201	Environmental Studies	2	1
PHY1102	Remote Sensing & Meteorology	1	2
BIO1203	Human Anatomy & Physiology	1	2,3
CHE2120	Chemistry 2	1	2
BIO2103	Biology 2	1	2
CLI1110	Introductory Climatology	1	1
AGR2301	Agricultural Science	2/3	2
EDU3431	Earth and Biological Science	2/3	2
EDX3160	Science Curriculum and Pedagogy	3	2
EDO3561	Not offered in 2009	3	
EDO3562	Not offered in 2009	3	
EDU5421	Problem Solving Constructivist	3	1
EDU5422	Maths & Science in Life & History	3	3
EDU5431	Technology in Maths/Science Ed	3	2
EDX2260	Teaching Science for Understanding	2/3	1,2,3

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5.29 AGRICULTURAL SCIENCE

At most schools it would be expected that you would be able to teach Agricultural science from years 8 – 12. In many schools it would be expected that you could teach science in years 8 – 10 and Biology and/or Multi- strand science in years 11 and 12.

Major		Recommended Pattern	
Course No	Course Name	Year	
*BIO1101	Biology 1	1/2	1
*CHE1110	Chemistry 1	1/2	1
*PHY1104 or PHY1101	Physics Concepts Astronomy 1	1/2	1
*AGR2301	Agricultural Science 2	2/3	2
*AGR3304	Soil Science	3	1
*BIO2202	Plant Physiology	2/3	2
	Plus one of the following		
AGR2902	Field Practice	2/3	3
AGR3303	Agricultural Material and Crop Storage	2/3	1
AGR4305	Agricultural Soil Mechanics	2/3	1
BIO2103	Biology 2	2/3	2
BIO2204	Plant Diversity <i>(Last time to be offered is 2009)</i>	2/3	2
BIO3307	Plant Breeding (P/R BI02200. Co/Req BIO2207)	2/3	2
BIO2208	Not offered in 2009	2/3	1
BIO2207	Genetics	2/3	2
EDU5422	Maths & Science in Life History	3	3
EDU5431	Technology for Math/Science Education	3	2
EDU3431	Earth & Bio Science	3	1
EDU5421	Problem solving in Science & Mathematics	3	1
EDX3160	Science Curriculum and Pedagogy	3	2
EDO3561	Not offered in 2009	3	
EDO3562	Not offered in 2009	3	

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5.30 SPECIAL EDUCATION

This area is only offered as a Major (7 courses to be completed) or as electives. It is not possible to have a Minor in Special Education. Students completing this Major will be qualified to teach in Special Education Units within secondary schools as well as being qualified to provide learning and behaviour support in that setting. **Students undertaking this Major must complete a Major in a second teaching area.** For advice about the Special Education Major students should consult with the Specialisation Coordinator.

Special Needs

Course No	Course Name	Year	Semester
SPE3001	Establishing Inclusive Learning	1	1
SPE3002	Autism Spectrum Disorder	1	2
SPE3003	Teaching Students with High Support Needs	2	1
SPE3004	Social and Emotional Wellbeing and Learning	2	1
SPE3005	Managing Challenging Behaviours	2	2
SPE3007	Differentiated Curriculum	3	2
SPE3009	Learning Disabilities, Literacies and Numeracies	3	1
SPE3008	Assist and Adopt Technology	3	Not offered in 2009

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