

**Rules Variation Summary for 2012
Bachelor of Science/Bachelor of Teaching**

Summary of Changes for 2012	Implications for current Bachelor of Science/Bachelor of Teaching students
<p>Bachelor of Science component: Information Technology and Mathematics Major</p> <ul style="list-style-type: none"> • <i>Group 4A:</i> • COMP131 title changed to Introduction to Programming and Professional Practice • COMP132 title changed to Advanced Programming <p>Physics Major</p> <ul style="list-style-type: none"> • <i>Group 5C:</i> • BIOP320 title changed to Medical and Clinical Biotechnology <p>Bachelor of Teaching component:</p> <ul style="list-style-type: none"> • There are no changes for 2012 	<p>Note unit title changes</p>

**Rules Variation Summary for 2011
Bachelor of Science/Bachelor of Teaching**

Summary of Changes for 2011	Implications for current Bachelor of Science/Bachelor of Teaching students
<p>Bachelor of Science component: Biology Major</p> <ul style="list-style-type: none"> • <i>Group 1A:</i> • BCHM330 title changed to Molecular Biology and Functional Genomics • <i>Group 1C:</i> • CHEM210 title changed to Quantum and Thermochemical Structure • ECOL202 title changed to Aquatic Ecology • GEOL205 code changed to GEOL313 Environmental Geology <p>Chemistry Major</p> <ul style="list-style-type: none"> • <i>Group 2A:</i> • CHEM210 title changed to Quantum and Thermochemical Structure 	<p>Note unit code and/or title changes</p> <p>Students who have already successfully completed units that are no longer offered will be credited towards their course</p> <p>These course rule changes only apply to students who commence or transfer to 2011 course rules</p>

<ul style="list-style-type: none"> • CHEM203 code changed to CHEM250 Analytical Chemistry <p>Earth and Environmental Science Major</p> <ul style="list-style-type: none"> • <i>Group 3A:</i> • ENVE352 code changed to ENGT352 Principles of Hydrology • GEOL205 code changed to GEOL313 Environmental Geology • <i>Group 3C:</i> • CHEM203 and GEOL206 have been withdrawn • CHEM210 title changed to Quantum and Thermochemical Structure • ECOL202 title changed to Aquatic Ecology • RSNR402 title changed to Integrated Water Resource Management <p>Physics Major</p> <ul style="list-style-type: none"> • <i>Group 5C:</i> • CHEM210 title changed to Quantum and Thermochemical Structure • PHYS301 title changed to Microscopic to Macroscopic Physics and Chemistry <p>Bachelor of Teaching component: Please note: If you did not complete EDSP380 before 2011, you will now need to complete EDSP400.</p> <p><i>Listed Elective Teaching Units:</i></p> <p>Group 8A</p> <ul style="list-style-type: none"> • EDCX411, EDCX447, EDCX455 and EDCX466 have been withdrawn <p>Group 8B</p> <ul style="list-style-type: none"> • EDEE420, EDLA503 and EDME433 have been withdrawn • EDSE453 title changed to Science Education in the Middle School 	
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**Rules Variation Summary for 2010
Bachelor of Science/Bachelor of Teaching**

Summary of Changes for 2010	Implications for current Bachelor of Science/Bachelor of Teaching students
The structure of the Bachelor of Science component has been modified as follows: Biology Major	Note unit code and/or title changes. Students who have already successfully completed units that are no longer

- Group 1A – ECOL203 has been moved to Group 1C and has title change to Ecology – Populations to Ecosystems
- Group 1A – BCHM320 (moved from Group 1D) or EVOL301 (moved from Group 1D) has been added
- Group 1C and 1D have been combined to read Group 1C (24 cps)
The following units have been withdrawn: BCHM220, BCHM310, BOTY202, BOTY203, BOTY302, BOTY370, CHEM204, ECOL307, ECOL311, EM351, GENE322, GENE210, GENE340, GEOL202, MICR220, MICR350, MICR360, PSIO210, RSNR402, ZOOL203, ZOOL210, ZOOL220, ZOOL326, ZOOL327, ZOOL328
- Group 1C (24 cps) now contains the following units: CHEM210, CHEM220, ECOL202, ECOL203 (moved from Group 1A), GEOL205, GEOL207, PHYS211, PHYS212, PMTH212, PMTH213

Chemistry Major

- Group 2A: Credit points changed from 54 cps to 48 cps
- CHEM201 is now CHEM210 Chemical Structure
- CHEM202 is now CHEM220 Chemical Reactivity and is now listed as CHEM220 or CHEM203
- CHEM305 is now listed as CHEM305 or FSC310
- CHEM306 (moved from Group 2C) Materials Chemistry has been added
- Group 2C: Credit point changed from 18 cps to 24 cps
- The following units have been withdrawn: BIOP320, CHEM302, CHEM303, CHEM306, CHEM307, PHYS301, SCI395
- The following units have been added: BCHM210, ECOL203, EVOL211, GEOL206, GEOL207, PHYS211, PHYS312, PMTH212, PMTH213

Earth and Environmental Science Major

- Group 3A:
- CHEM110 now listed as CHEM110 or PHYS131 (moved from Group 3B)
- CHEM120 now listed as CHEM120 or PHYS132 (moved from Group 3B)
- ECOL203 title change to Ecology – Populations to Ecosystems
- Group 3B: Credit points changed from 12 to 18 cps to 12 cps
- Group 3C: Credit points changed from 18 to 24 cps to 30 cps

offered will be credited towards their course.

These course rule changes only apply to students who commence or transfer to 2010 course rules.

- CHEM210, PHYS211, PHYS312, PMTH212, PMTH213, RSNR403 have been added
- GEOS2170, GEOS3110, GEOS3160 (University of Newcastle units), GEOL303, GEOL305, MSM305, SCI395, SOIL220, SOIL310 have been withdrawn

Information Technology and Mathematics Major

- Group 4A: Credit points change from 54 cps to 66 cps
- COMP282 has been deleted
- COMP286, COMP389, COMP393, PMTH213 have been added
- Group 4B:
 - AMTH250 (moved from Group 4A) or STAT261 has been added
 - PMTH331 has been added
- Group 4C (12 cps) and Group 4D (18 cps) have been combined to Group 4C (18 cps)
- The following units have been withdrawn from Group 4C: COMP309, COMP311, COMP318, COMP319, COMP320, COMP389 (moved to Group 4A)
- Units listed in Group 4D are now listed as Group 4C

Physics Major

- Group 5B: COMP131 and COMP132 have been withdrawn
- Group 5C:
 - BCHM210, CHEM220, ECOL203, EVOL211, GEOL206, GEOL207, PHYS204, PMTH213 have been added
 - CHEM201 is now CHEM210 Chemical Structure
 - AMTH250, ASTY221, PHYS208, PHYS212, PHYS313, NR331, SCI395 have been withdrawn

The structure of the Bachelor of Teaching component has changed as follows:

Core Units:

EDUC414 is now EDIT424 ICT in Education

PREX904 Professional Experience 4 (20 days) has been added

The following Bachelor of Teaching units have had code and/or title changes:

EDUC410 is now EDCX411 The Natures of Knowledge

EDUC456 Reflective Practitioner 1 has been added

<p>EDLA403 is now EDLA503 Language, Society and Culture EDCX446 Sociology of Education has been added</p> <p>The following units are no longer offered in the Bachelor of Teaching component: EDCX410 Learning in Social Movements EDCX423 Teaching and Social Analysis</p>	
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**Rules Variation Summary for 2009
Bachelor of Science/Bachelor of Teaching**

Summary of Changes for 2009	Implications for current Bachelor of Science/Bachelor of Teaching students
<p>The structure of the Bachelor of Science component has been modified as follows: the Biology Major has had minor modifications; the Chemistry Major has been modified from 4 to 3 Groups with more directed choice in units; the Earth and Environmental Science Major has had minor modifications; the Information Technology and Mathematics Major has been modified from 5 to 4 Groups with more directed choice in units and the Physics Major has been modified from 2 to 3 Groups.</p> <p>The structure of the Bachelor of Teaching component has changed more extensively and comprises:</p> <p>Core Units: 48 credit points (this has increased from 30 credit points) including 60 days of professional experience:</p> <p>EDCX400 Aboriginal Education EDCX401 Curriculum and the Social Context of Schooling EDEE400 Literacies in Context EDLT400 Planning for Effective Learning EDSP400 Inclusive and Special Education EDSP422 Classroom Behaviour Management EDUC403 Teaching for Cultural Diversity - NESB Students EDUC414 ICT in Education PREX901 Professional Experience 1 (20 days) PREX902 Professional Experience 2 (20 days) PREX903 Professional Experience 3 (20 days)</p>	<p>The Bachelor of Science/Bachelor of Teaching has been reviewed in accordance with NSW Institute of Teachers requirements and the revised course will commence in 2009. Please check the following transition arrangements:</p> <ul style="list-style-type: none"> • If you commenced your candidature in 2004 you must complete the course under the pre-2009 rules by 31 December 2010. • If you commenced your candidature in 2005 you must complete the course under the pre-2009 rules by 31 December 2010. • If you commenced your candidature in 2006 you must complete the course under the pre-2009 rules by 31 December 2010. • If you commenced your candidature in 2007 you must complete the course under the pre-2009 rules by 31 December 2011. • If you commenced your candidature in 2008 you must complete the course under the pre-2009 rules by 31 December 2012. <p>If you do not complete by the nominated date you will be transferred to the new course rules effective from the commencement of the next academic year.</p> <p>Notwithstanding the above transition arrangements, all students (except those who expect to complete by 31 December 2009, irrespective of when you commenced your candidature) are strongly recommended to transfer to the 2009 course rules. You will need to complete and submit a Course</p>

Assessment in all of the units offered in the Bachelor of Teaching component has been adjusted to not more than 4,000 words or equivalent to accommodate the professional experience component of the course. Consequently the professional experience units are 0 credit point units.

Curriculum Units: 24-36 credit points (depending upon a candidate's number of designated teaching areas). There has been no change to the curriculum units.

Elective Units: 12-24 credit points (depending upon a candidature's number of designated teaching areas).

There have been unit code and/or title changes to units in both the Bachelor of Science component and the Bachelor of Teaching component. A summary of all changes to units for 2009 can be found at <http://www.une.edu.au/courses/2009/courses/unit-updates.html> The following Bachelor of Teaching units have had code and/or title changes:

ED901 is now PREX901 Professional Experience 1 (20 days)
ED902 is now PREX902 Professional Experience 2 (20 days)
ED903 is now PREX903 Professional Experience 3 (20 days)
ED904 is now PREX904 Professional Experience 4 (20 days)
EDCX348 is now EDCX401 Curriculum and the Social Context of Schooling
EDEC400 is now EDEC333 Young Children as Communicators
EDUC293 is now EDEE293 Literacy Pedagogy: Focus on Reading
PDAB100 is now IDIG100 Australian Indigenous Societies and Colonisation
PDAB101 is now IDIG101 Issues in Contemporary Indigenous Societies
PDAB200 is now IDIG300 Analysing Indigenous Australian Policy Issues
PDAB201 is now IDIG301 Analysing Change in Indigenous Societies
PDAB302 is now IDIG302 Aboriginal and Ethnic Community Field Study
PDAB306 is now IDIG306 Aboriginal Health
PDPS204 is now EDCX204 Facilitating Cross-Cultural Communication
PDPS208 is now EDCX208 Immigrants and Society: An Introduction

The following units are no longer offered in the Bachelor of Teaching component:

EDAE412 Individual Project in Arts Education
EDAE413 Creativity in the Music Classroom

Change Form <link to <http://www.une.edu.au/for/current-students/forms/>> to facilitate this change. You will receive advanced standing for everything you have successfully completed subject to course rules.

Note unit code and/or title changes.

Students who have already successfully completed units that are no longer offered will be credited towards their course.

<p>EDCX235 History of Australian Education EDCX349 Gender and Education EDCX422 Curriculum Design for Middle Years Schooling EDCX428 Critical Perspectives in Curriculum Inquiry EDEE322 Teaching Reading and Writing EDEE324 Teaching Text Types and Grammar EDEE325 Mass Media and Education EDEE422 Writing in Schools: A Higher Level Focus on Practice and Pedagogy EDEE426 Issues in Teaching Senior English EDEE429 Literature Teaching and the Moral Imagination EDEE498 Applying Critical Theory to the Teaching of English EDIT411 Principles and Practices of e-Learning EDIT417 Web Mediated Learning Communities EDLA314 Language, Power and Education EDLA407 Culture and Learning EDLT388 Internet Learning for Gifted and Talented Children EDLT470 Effective Learning in Mixed-Age Classrooms EDLT481 Education of the Gifted and Talented EDLT482 Cognition and Learning Across the Curriculum EDLT483 Creative Thinking and Problem Solving EDLT487 Assessing Student Outcomes EDME338/438 Educational Measurement and Evaluation EDME434 Current Innovations in Mathematics Education EDPE342 Motor Skill Acquisition EDPE343 Health Promotion in the Schools and the Community EDPE344 Special Issues in Health and Physical Education EDUC402 Developing Statistical Literacy PDAB402 Aboriginal and Ethnic Community Field Study PDAB406 Aboriginal Health PDPS360/460 Frameworks for Intercultural Studies and Education</p>	
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