

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

<b>Summary of Changes for 2012</b>	<b>Implications for current Bachelor of Science students</b>
<p><b>Program of Study – Overview</b> Combined Majors:</p> <ul style="list-style-type: none"> <li>• Computational Biology/Informatics Combined Major has been withdrawn</li> </ul> <p>Listed Units: All Listed Units have been withdrawn and replaced with Elective Units -</p> <ul style="list-style-type: none"> <li>• AGRO422, ANUT321, AQUA200, ASTY221, COMP280, COMP283, COMP284, COMP285, COMP286, COMP287, COMP303, COMP309, COMP311, COMP313, COMP318, COMP319, COMP320, COMP323, COMP389, ECOL204, EM323, EM351, EM432, ENGT352, FSC102, HORT420, HUMN340, SCI395, STAT200 and WORK300 have been withdrawn</li> </ul>	<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 2012 course rules</p>
<p><b>Applied Physics Major</b></p> <ul style="list-style-type: none"> <li>• BIOP320 title changed to Medical and Clinical Biotechnology</li> </ul>	<p>Note the unit title change</p>
<p><b>Biochemistry Major</b> Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Course Requirements: Credit points changed from 78 cps to 72 cps</p>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>
<p><b>Botany Major</b> Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Prescribed Units:</p> <ul style="list-style-type: none"> <li>• BOTY202 title changed to Plant Physiology and Anatomy</li> </ul> <p>Listed Unit:</p> <ul style="list-style-type: none"> <li>• ECOL307 and ECOL311 have been added</li> </ul> <p>Course Requirements: Credit points changed from 78 cps to 72 cps</p>	<p>Note the unit and/or title changes</p> <p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>

<p><b>Chemistry Major</b>  Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Listed Unit:</p> <ul style="list-style-type: none"> <li>• PHAR370 has been added</li> </ul> <p>Course Requirements: Credit points changed from 84 cps to 78 cps</p>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>
<p><b>Forensic Science Major</b></p> <ul style="list-style-type: none"> <li>• BIOP320 title changed to Medical and Clinical Biotechnology</li> </ul>	<p>Note the unit title changes</p>
<p><b>Genetics Major</b>  Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Course Requirements: Credit points changed from 78 cps to 72 cps</p>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>
<p><b>Geography Major</b>  Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Course Requirements: Credit points changed from 72 cps to 66 cps</p>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>
<p><b>Mathematics Major</b>  Core Units:</p> <ul style="list-style-type: none"> <li>• AMTH140 moved from Prescribed Units</li> <li>• And complete 12 credit points from the following units –</li> <li>• COMP131 and COMP132 have been added</li> </ul> <p>Prescribed Units changed to Listed Units:</p> <ul style="list-style-type: none"> <li>• PMTH333 has been added</li> </ul> <p>Course Requirements: Credit points changed from 78 cps to 72 cps</p>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>
<p><b>Microbiology Major</b>  Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>

<p>Prescribed Units: Credit points changed from 36 cps to 30 cps –</p> <ul style="list-style-type: none"> <li>• GENE210 moved to Listed Units</li> </ul> <p>Listed Units has been added: Complete 6 cps from the following units:</p> <ul style="list-style-type: none"> <li>• GENE210 Introductory Genetics</li> <li>• BOTY370 Plant Pathology</li> </ul> <p>Course Requirements: Credit points changed from 78 cps to 72 cps</p>	
<p><b>Physiology Major</b></p> <p>Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Prescribed Units: Credit points changed from 36 cps to 42 cps –</p> <ul style="list-style-type: none"> <li>• PSIO334 has been added</li> </ul> <p>Course Requirements: Credit points changed from 84 cps to 66 cps</p>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>
<p><b>Zoology Major</b></p> <p>Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Course Requirements: Credit points changed from 78 cps to 72 cps</p>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>
<p><b>Combined Majors</b></p>	
<p><b>Animal Science and Veterinary Studies Combined Major</b></p> <p>Listed Units for this Combined Major:</p> <ul style="list-style-type: none"> <li>• AQUA200 and PSIO410 have been withdrawn</li> </ul>	<p>Students who have already successfully completed units that are no longer offered will be credited towards their course</p>
<p><b>Applied/Environmental Genetics Combined Major</b></p> <p>Core Units: Credit points changed from 24 cps to 36 cps</p> <ul style="list-style-type: none"> <li>• MATH120 and STAT100 have now both been incorporated</li> </ul> <p>Course Requirements: Credit points changed from 54 cps to 48 cps</p>	<p>Note the unit changes</p> <p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>
<p><b>Archaeology and Palaeoanthropology Combined Major</b></p> <p>Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Listed Units:</p> <ul style="list-style-type: none"> <li>• ARPA333 and ARPA380 have been added</li> </ul>	<p>These course rule changes only apply to students who commence or transfer to 2012 course rules</p>

Course Requirements: Credit points changed from 48 cps to 42 cps	
<p><b>New – Biochemistry/Microbiology Combined Major</b></p> <p>Core Units: Complete the following units –</p> <ul style="list-style-type: none"> <li>• BIOL110, BIOL120, CHEM110, CHEM120, MATH120, STAT100</li> </ul> <p>Prescribed Units: Complete the following units –</p> <ul style="list-style-type: none"> <li>• BCHM210, BCHM220, BCHM310, BCHM330, MICR220, MICR350 and MICR360</li> </ul> <p>Listed Units: Complete 18 credit points from the following units –</p> <ul style="list-style-type: none"> <li>• BCHM320, BOTY370, CHEM204 and GENE210</li> </ul> <p>Course Requirements: To achieve an overall total of 144 credit points candidates must complete a further 48 credit points by completing Elective Units.</p>	These course rule changes only apply to students who commence or transfer to 2012 course rules
<p><b>Biochemistry/Physiology Combined Major</b></p> <p>Core Units: Credit points changed from 24 cps to 36 cps</p> <ul style="list-style-type: none"> <li>• MATH120 and STAT100 have now both been incorporated</li> </ul> <p>Course Requirements: Credit points changed from 54 cps to 48 cps</p>	These course rule changes only apply to students who commence or transfer to 2012 course rules
<p><b>Biodiversity/Ecology Combined Major</b></p> <p>Core Units: Credit points changed from 24 cps to 36 cps</p> <ul style="list-style-type: none"> <li>• MATH120 and STAT100 have now both been incorporated</li> </ul> <p>Course Requirements: Credit points changed from 54 cps to 48 cps</p>	These course rule changes only apply to students who commence or transfer to 2012 course rules
<p><b>Biotechnology/Molecular Genetics Combined Major</b></p> <ul style="list-style-type: none"> <li>• BIOP320 title changed to Medical and Clinical Biotechnology</li> </ul>	Note the unit title changes
<p><b>Cognitive/Biological Psychology Combined Major</b></p> <p>Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And complete 12 credit points from the following units -</li> <li>• MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Course Requirements: Credit points changed from 48 cps to 42 cps</p>	These course rule changes only apply to students who commence or transfer to 2012 course rules
<p><b>Computational Biology/Bioinformatics Combined Major</b></p> <ul style="list-style-type: none"> <li>• This major is no longer offered</li> </ul>	These course rule changes only apply to students who commence or transfer to 2012 course rules
<p><b>Crop/Animal Sciences Combined Major</b></p> <ul style="list-style-type: none"> <li>• There are no changes for 2012</li> </ul>	Nil
<p><b>Geology/Environmental Geosciences Combined Major</b></p> <p>Core Units:</p> <ul style="list-style-type: none"> <li>• And complete 6 credit points from the following units changed to And</li> </ul>	Note the unit and/or code changes  These course rule changes only apply to students who commence or transfer

<ul style="list-style-type: none"> <li>complete 12 credit points from the following units -</li> <li>MATH101 and MATH102 OR MATH120 and STAT100</li> </ul> <p>Listed Units:</p> <ul style="list-style-type: none"> <li>SOIL310 title changed to Soil, Pollution and the Environment</li> </ul> <p>Course Requirements: Credit points changed from 54 cps to 48 cps</p>	to 2012 course rules
<p><b>Mathematics/Statistics Combined Major</b></p> <p>Core Units: Credit points changed from 12 cps to 18 cps</p> <ul style="list-style-type: none"> <li>AMTH140 moved from Prescribed Units</li> <li>And complete 12 credit points from the following units –</li> <li>COMP131 and COMP132 have been added</li> </ul> <p>Prescribed Units: Credit points changed from 36 cps to 42 cps</p> <ul style="list-style-type: none"> <li>AMTH250 moved from Listed Units</li> <li>STAT261 moved from Listed Units</li> </ul> <p>Course Requirements: Credit points changed from 54 cps to 48 cps</p>	These course rule changes only apply to students who commence or transfer to 2012 course rules
<p><b>Palaeobiology Combined Major</b></p> <ul style="list-style-type: none"> <li>There are no changes for 2012</li> </ul>	Nil

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

<b>Summary of Changes for 2011</b>	<b>Implications for current Bachelor of Science students</b>
<p><b>Program of Study – Overview</b></p> <p>Majors:</p> <ul style="list-style-type: none"> <li>Statistics Major has been withdrawn</li> </ul> <p>Listed Units:</p> <ul style="list-style-type: none"> <li>COMP287 title changed to GUI Programming and Interaction Design</li> <li>ENVE352 code changed to ENGT352 Principles of Hydrology</li> <li>MSM301, 302, 303, 304, 305, 306, 307 and 308 have been withdrawn</li> </ul>	<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>
<p><b>Majors with no changes for 2011:</b></p> <ul style="list-style-type: none"> <li>Mathematics Major</li> <li>Zoology Major</li> <li>Mathematics/Statistics Combined Major</li> </ul>	Nil

<b>Applied Physics Major</b> <ul style="list-style-type: none"> <li>PHYS301 title changed to Microscopic to Macroscopic Physics and Chemistry</li> </ul>	Note the unit title change
<b>Biochemistry Major</b> <ul style="list-style-type: none"> <li>BCHM330 title changed to Molecular Biology and Functional Genomics</li> </ul>	Note the unit title change
<b>Botany Major</b> <ul style="list-style-type: none"> <li>BOTY370 title changed to Plant Pathology</li> </ul>	Note the unit title change
<b>Chemistry Major</b> <ul style="list-style-type: none"> <li>CHEM203 code changed to CHEM250 Analytical Chemistry</li> <li>CHEM210 title changed to Quantum and Thermochemical Structure</li> <li>PHYS301 title changed to Microscopic to Macroscopic Physics and Chemistry</li> </ul>	Note the unit/title changes
<b>Forensic Science Major</b> <ul style="list-style-type: none"> <li>CHEM203 code changed to CHEM250 Analytical Chemistry</li> <li>BCHM330 title changed to Molecular Biology and Functional Genomics</li> <li>COMP271 withdrawn and replaced with COMP272 and title changed to Introduction to Biometrics</li> </ul>	<p>Note the unit/title changes</p> <p>Students who have already successfully completed units that are no longer offered will be credited towards their course</p>
<b>Genetics Major</b> <ul style="list-style-type: none"> <li>BCHM330 title changed to Molecular Biology and Functional Genomics</li> <li>BINF350 title changed to Genomic Analysis and Bioinformatics</li> <li>GENE322 title changed Population and Conservation Genetics</li> <li>GENE351 title changed to Introduction to Breeding and Genetics</li> </ul>	Note unit title changes
<b>Geography Major</b> <ul style="list-style-type: none"> <li>GEPL303 has been withdrawn</li> <li>GEPL305 title changed to Coastal Environments and Climate Change</li> <li>GEPL311 title changed to Catchment and Coast</li> </ul>	<p>Note the unit title changes</p> <p>Students who have already successfully completed units that are no longer offered will be credited towards their course</p>
<b>Microbiology Major</b> <ul style="list-style-type: none"> <li>BCHM330 title changed to Molecular Biology and Functional Genomics</li> </ul>	Note unit title change
<b>Palaeobiology Major</b>	Note the unit title changes

<ul style="list-style-type: none"> <li>• BINF350 title changed to Genomic Analysis and Bioinformatics</li> <li>• GENE322 title changed to Population and Conservation Genetics</li> </ul>	
<p><b>Physiology Major</b></p> <ul style="list-style-type: none"> <li>• ANAT310 has been withdrawn</li> <li>• PSIO336 has been added</li> <li>• PHAR222 title changed to Pharmacology I</li> <li>• PSIO331 title changed to Endocrinology and Reproductive Physiology</li> <li>• PSIO332 title changed to Cardiovascular and Respiratory Physiology</li> </ul>	<p>Note the unit/title changes</p> <p>Students who have already successfully completed units that are no longer offered will be credited towards their course</p>
<p><b>Statistics Major</b></p> <ul style="list-style-type: none"> <li>• Statistics Major has been withdrawn</li> </ul>	<p>Year specific rules continue to apply, but students may apply to transfer to 2011 rules where at least one other major is appropriate eg the combined Mathematics/Statistics major</p>
<p><b>Combined Majors</b></p>	
<p><b>New – Animal Science and Veterinary Studies Combined Major</b></p> <p>Core Units: Complete the following units –</p> <ul style="list-style-type: none"> <li>• BIOL110 Biology I</li> <li>• BIOL120 Biology II</li> <li>• CHEM110 Chemistry I</li> <li>• CHEM120 Chemistry II</li> <li>• MATH120 Introductory Mathematical Methods in Science and Economics</li> <li>• STAT100 Statistical Modelling for the Sciences I</li> </ul> <p>Prescribed Units for this Combined Major: Complete the following units –</p> <ul style="list-style-type: none"> <li>• ANPR211 Animal Production Systems and Products</li> <li>• ANPR321 Animal Function, Health and Welfare</li> <li>• ANPR415 Constraints to Animal Production</li> <li>• ANUT321 Animal Nutrition</li> <li>• BCHM210 Introductory Molecular Biology and Biochemistry I</li> <li>• BCHM220 Introductory Biochemistry II</li> <li>• GENE210 Introductory Genetics</li> <li>• MICR220 Introductory Microbiology</li> <li>• PHAR222 Pharmacology I</li> <li>• PSIO210 Introductory Physiology I</li> </ul>	<p>These course rule changes only apply to students who commence or transfer to 2011 course rules</p>

<ul style="list-style-type: none"> <li>• PSIO220 Introductory Physiology II</li> <li>• RSNR120 Sustaining Our Rural Environment II</li> </ul> <p>Listed Units for this Combined Major: Complete at least 36 credit points with at least 18 credit points at 300/400 level from the following units –</p> <ul style="list-style-type: none"> <li>• AGRO211 Ecology and Adaptation of Agricultural Plants</li> <li>• ANPR417 Disease in Animal Production</li> <li>• ANPR440 Feedlot Management</li> <li>• ANUT300 Applied Animal Nutrition</li> <li>• AQUA200 Aquaculture</li> <li>• BCHM310 Proteins – The Machines of Life</li> <li>• BCHM320 Clinical Biochemistry and Molecular Medicine</li> <li>• BCHM330 Molecular Biology and Functional Genomics</li> <li>• GENE322 Population and Conservation Genetics</li> <li>• GENE340 Molecular Genetics and Developmental Biology</li> <li>• GENE351 Introduction to Breeding and Genetics</li> <li>• MEAT418 Meat Technology</li> <li>• MICR350 Clinical Microbiology and Virology</li> <li>• PLTY300 Poultry (Avian) Physiology</li> <li>• PLTY301 Poultry Production</li> <li>• PSIO331 Endocrinology and Reproductive Physiology</li> <li>• PSIO332 Cardiovascular and Respiratory Physiology</li> <li>• PSIO410 Introduction to Experimental Surgical Techniques</li> <li>• SCI395 Science Report</li> <li>• WOOL412 Sheep Production</li> <li>• WORK300 Professional Skills Development</li> <li>• ZOOL203 Vertebrate Zoology – Evolution and Diversity</li> <li>• ZOOL326 Animal Behaviour</li> <li>• ZOOL327 Ecological and Comparative Physiology</li> <li>• Or a maximum of 12 credit points can be selected from any unit offered by the University subject to candidates meeting prerequisite and timetabling requirements.</li> </ul>	
<p><b>Applied/Environmental Genetics Combined Major</b></p> <ul style="list-style-type: none"> <li>• BCHM330 titled changed to Molecular Biology and Functional</li> </ul>	<p>Note the unit title changes</p>

<ul style="list-style-type: none"> <li>Genomics</li> <li>• GENE322 Population and Conservation Genetics</li> <li>• GENE351 Introduction to Breeding and Genetics</li> </ul>	
<p><b>Archaeology and Palaeoanthropology Combined Major</b></p> <p>Prescribed Units:</p> <ul style="list-style-type: none"> <li>• Credit points changed from 60 cps to 12 cps</li> <li>• ARPA302, 326, 343, 352, 356, 359, 384 and NR331 have been moved to Listed Units</li> </ul> <p>Listed Units:</p> <ul style="list-style-type: none"> <li>• Credit points changed from 12 cps to 60 cps</li> <li>• ARPA361 title changed to Evolution of Human Growth and Diversity</li> </ul>	<p>Note the unit title change</p> <p>These course rule changes only apply to students who commence or transfer to 2011 course rules</p>
<p><b>Biochemistry/Physiology Combined Major</b></p> <ul style="list-style-type: none"> <li>• ANAT310 has been withdrawn</li> <li>• PSIO336 has been added</li> <li>• BCHM330 title changed to Molecular Biology and Functional Genomics</li> <li>• PSIO331 title changed to Endocrinology and Reproductive Physiology</li> <li>• PSIO332 title changed to Cardiovascular and Respiratory Physiology</li> <li>• PHAR222 title changed to Pharmacology I</li> </ul>	<p>Note the unit/title changes</p> <p>Students who have already successfully completed units that are no longer offered will be credited towards their course</p>
<p><b>Biodiversity/Ecology Combined Major</b></p> <ul style="list-style-type: none"> <li>• ECOL202 title changed to Aquatic Ecology</li> </ul>	<p>Note the unit title change</p>
<p><b>Biotechnology/Molecular Genetics Combined Major</b></p> <ul style="list-style-type: none"> <li>• BCHM330 title changed to Molecular Biology and Functional Genomics</li> <li>• BINF350 title changed to Genomic Analysis and Bioinformatics</li> <li>• GENE322 title changed to Population and Conservation Genetics</li> <li>• GENE351 title changed to Introduction to Breeding and Genetics</li> <li>• PHAR222 title changed to Pharmacology I</li> </ul>	<p>Note the unit title changes</p>
<p><b>Cognitive/Biological Psychology Combined Major</b></p> <ul style="list-style-type: none"> <li>• PSYC309 title changed to Human Neuropsychology</li> </ul>	<p>Note the unit title change</p>
<p><b>Computational Biology/Bioinformatics Combined Major</b></p> <ul style="list-style-type: none"> <li>• BINF350 title changed to Genomic Analysis and Bioinformatics</li> <li>• BCHM330 title changed to Molecular Biology and Functional</li> </ul>	<p>Note the unit title changes</p>

Genomics	
<b>Crop/Animal Sciences Combined Major</b>	Note the unit title change
<ul style="list-style-type: none"> <li>• GENE351 title changed to Introduction to Breeding and Genetics</li> </ul>	
<b>Geology/Environmental Geosciences Combined Major</b>	Note the unit code change
<ul style="list-style-type: none"> <li>• GEOL205 code changed to GEOL313 Environmental Geology</li> </ul>	

**Rules Variation Summary for 2010  
Bachelor of Science**

<b>Summary of Changes for 2010</b>	<b>Implications for current Bachelor of Science students</b>
<b>Program of Study – Overview</b> Elective Units: <ul style="list-style-type: none"> <li>• COMP285 title change to C++ Programming</li> <li>• COMP311 title change to Multimedia Technologies</li> <li>• EM323 title change to Wildlife Ecology and Management</li> </ul>	Note the title changes.
<b>Majors with no changes for 2010:</b> <ul style="list-style-type: none"> <li>• Biochemistry Major</li> <li>• Genetics Major</li> <li>• Microbiology Major</li> <li>• Physiology Major</li> <li>• Biochemistry/Physiology Combined Major</li> <li>• Biotechnology/Molecular Genetics Combined Major</li> <li>• Crop/Animal Sciences Combined Major</li> <li>• Geology/Environmental Geosciences Combined Major</li> </ul>	Nil
<b>Applied Physics Major</b> <ul style="list-style-type: none"> <li>• PHYS212 is now PHYS313 Applied Photonics</li> </ul>	Note the unit/title changes
<b>Botany Major</b> <ul style="list-style-type: none"> <li>• ECOL203 title change to Ecology – Populations to Ecosystems</li> </ul>	Note the title changes
<b>Chemistry Major</b> <ul style="list-style-type: none"> <li>• CHEM201 is now CHEM210 Chemical Structure</li> <li>• CHEM202 is now CHEM220 Chemical Reactivity</li> <li>• CHEM303 title change to Medicinal Chemistry</li> <li>• CHEM307 has been replaced with FSC310 Forensic Chemistry</li> </ul>	Note the unit/title changes

<p><b>New - Forensic Science Major</b></p> <p>Core Units – Complete the following units:</p> <ul style="list-style-type: none"> <li>• BIOL110 Biology I</li> <li>• CHEM110 Chemistry I</li> <li>• CHEM120 Chemistry II</li> </ul> <p>And complete 6 cps from the following units:</p> <ul style="list-style-type: none"> <li>• MATH101 Algebra and Differential Calculus</li> <li>• MATH120 Introductory Mathematical Methods in Science and Economics</li> <li>• CHEM202 is now CHEM220 Chemical Reactivity</li> </ul> <p>And complete 6 cps from the following units:</p> <ul style="list-style-type: none"> <li>• MATH102 Integral Calculus, Differential Equations and Introductory Statistics</li> <li>• PHYS131 Applied Physics I</li> <li>• STAT100 Statistical Modelling for the Sciences I</li> </ul> <p>Prescribed units – Complete the following units:</p> <ul style="list-style-type: none"> <li>• CHEM203 Environmental and Analytical Chemistry</li> <li>• FSC310 Forensic Chemistry</li> </ul> <p>Listed units – Complete 24 cps with at least 12 cps at 300-level from the following units:</p> <ul style="list-style-type: none"> <li>• ARPA336 Forensic Anthropology</li> <li>• ARPA370 Forensic Archaeology</li> <li>• BCHM210 Introductory Molecular Biology and Biochemistry I</li> <li>• BCHM330 Molecular Biology (DNA Technology)</li> <li>• BIOP320 Biomedical Applications of Biophysics</li> <li>• COMP271 Computer Forensics and Biometrics</li> <li>• CRIM304 Forensic Science and Criminal Justice</li> <li>• MICR220 Introductory Microbiology</li> <li>• MICR360 Biotechnology and Industrial Microbiology</li> <li>• ZOOL220 Entomology</li> <li>• SCI395 Science Report</li> </ul> <p>Elective units for this Major</p> <ul style="list-style-type: none"> <li>• BIOL120 Biology II</li> <li>• CRIM100 Understanding Crime</li> </ul>	<p>These course rule changes only apply to students who commence or transfer to 2010 course rules.</p>
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<ul style="list-style-type: none"> <li>• FSC102 Fundamentals in Forensic Science</li> <li>• PHYS132 Applied Physics II</li> </ul>	
<b>Geography Major</b> <ul style="list-style-type: none"> <li>• GEPL112 title change to Where in the World? Australia's Human Geography</li> <li>• GEPL338 title change to Understanding Research</li> <li>• GEPL341 title change to Environmental Biogeography</li> </ul>	Note the title changes
<b>Mathematics Major</b> <ul style="list-style-type: none"> <li>• STAT260 is now MATH260 Probability and Simulation</li> </ul>	Note the unit change
<b>Palaeobiology Major</b> <ul style="list-style-type: none"> <li>• ECOL203 title change to Ecology – Populations to Ecosystems</li> </ul>	Note the title change
<b>Statistics Major</b> <ul style="list-style-type: none"> <li>• STAT260 is now MATH260 Probability and Simulation</li> </ul>	Note the unit change
<b>Zoology Major</b> <ul style="list-style-type: none"> <li>• EM323 title change to Wildlife Ecology and Management</li> </ul>	Note the title change
<b>Combined Majors</b>	
<b>Applied/Environmental Genetics Combined Major</b> <ul style="list-style-type: none"> <li>• ECOL203 title change to Ecology – Populations to Ecosystems</li> </ul>	Note the title changes
<b>Archaeology and Palaeoanthropology Combined Major</b> <ul style="list-style-type: none"> <li>• ARPA352 is title change to Public Archaeology and Management</li> <li>• NR331 is title change to Remote Sensing and Surveying</li> </ul>	Note the title changes
<b>Biodiversity/Ecology Combined Major</b> <ul style="list-style-type: none"> <li>• ECOL203 title change to Ecology – Populations to Ecosystems</li> </ul>	Note the title changes
<b>Cognitive/Biological Psychology Combined Major</b> <ul style="list-style-type: none"> <li>• PSYC309 title change to Cognitive, Affective and Social Neuroscience</li> </ul>	Note the title changes
<b>Computational Biology/Bioinformatics Combined Major</b> <ul style="list-style-type: none"> <li>• STAT260 is now MATH260 Probability and Simulation</li> <li>• COMP282 has been deleted</li> </ul>	Note the unit/title changes
<b>Mathematics/Statistics Combined Major</b> <ul style="list-style-type: none"> <li>• STAT260 is now MATH260 Probability and Simulation</li> </ul>	Note the title changes

#### Rules Variation Summary for 2009

## Bachelor of Science

Summary of Changes for 2009	Implications for current Bachelor of Science students
<p><b>Majors with no changes for 2009:</b></p> <ul style="list-style-type: none"> <li>• Applied Physics major</li> <li>• Biochemistry major</li> <li>• Genetics major</li> <li>• Geography major</li> <li>• Microbiology Major</li> <li>• Physiology Major</li> <li>• Statistics Major</li> <li>• Applied Environmental Genetics Combined Major</li> <li>• Biotechnology/Molecular Genetics Combined Major</li> <li>• Crop/Animal Sciences Combined Major</li> </ul>	<p><i>For students who began in or after 2008</i> No course or unit changes for 2009.</p>
<p><b>Botany Major</b></p> <ul style="list-style-type: none"> <li>• Title of BOTY 202 changed to Plant Physiology</li> <li>• Code for BOTY 355 changed to BOTY 302</li> <li>• BOTY 360 has been withdrawn</li> </ul>	<p><i>For students who began in or after 2008</i> Note the unit changes.</p> <p><i>For students who began before 2008</i> Note unit changes and refer to 2007 course information.</p>
<p><b>Chemistry Major</b></p> <ul style="list-style-type: none"> <li>• Change of requirements for the major. From 2009, students will require 36cp of which 18cp must be at 300 level from listed units for the major instead of 12 cp from 200 level units and 24cp from 300 level.</li> </ul>	<p><i>For students who began in or after 2008</i> Current students may complete the major under the new requirements.</p> <p><i>For students who began before 2008</i> Refer to 2007 course information.</p>
<p><b>Mathematics Major</b></p> <ul style="list-style-type: none"> <li>• New unit PMTH 331(Introduction to Topology) has been added to the listed units from which 6cp must be undertaken.</li> </ul>	<p><i>For students who began in or after 2008</i> Note the unit change.</p> <p><i>For students who began before 2008</i> Refer to 2007 course information.</p>
<p><b>Zoology Major</b></p> <ul style="list-style-type: none"> <li>• The unit MARI3330 (Marine Fish and Fisheries) offered by the University of Newcastle has been added as a listed unit in the major.</li> </ul>	<p><i>For students who began in or after 2008</i> Note the unit change.</p> <p><i>For students who began before 2008</i> You may not undertake this major.</p>
<p><b>Combined Majors</b></p>	

<p><b>Archaeology and Palaeoanthropology Combined Major</b></p> <ul style="list-style-type: none"> <li>• ARPA391 (Special Option) has been withdrawn from listed units</li> <li>• Elective COMP285 change of unit title to Introduction to Object-Oriented Programming in Java</li> <li>• Elective HORT420 change of unit title to Horticultural Science</li> </ul>	<p><i>For students who began in or after 2008</i> Note the unit changes.</p> <p><i>For students who began before 2008</i> You may not undertake this major.</p>
<p><b>Biochemistry and Physiology Combined Major</b></p> <ul style="list-style-type: none"> <li>• Elective COMP285 change of unit title to Introduction to Object-Oriented Programming in Java</li> <li>• Elective HORT420 change of unit title to Horticultural Science</li> </ul>	<p><i>For students who began in or after 2008</i> Note the unit changes.</p> <p><i>For students who began before 2008</i> You may not undertake this major.</p>
<p><b>Biodiversity and Ecology Combined Major</b></p> <ul style="list-style-type: none"> <li>• Elective COMP285 change of unit title to Introduction to Object-Oriented Programming in Java</li> <li>• Elective HORT420 change of unit title to Horticultural Science</li> </ul>	<p><i>For students who began in or after 2008</i> Note the unit changes.</p> <p><i>For students who began before 2008</i> You may not undertake this major.</p>
<p><b>Cognitive/Biological Psychology Combined Major</b></p> <ul style="list-style-type: none"> <li>• Change the prescribed Psychology units in the major to the following: <ul style="list-style-type: none"> <li>○ PSYC100, PSYC102, PSYC200, PSYC202, PSYC206, PSYC213 (previously PSYC313), PSYC301(previously PSYC201) PSYC302, PSYC366; and</li> <li>○ 6 cp from the following units: PSYC304, PSYC306, PSYC307, PSYC309, PSYC314, PSYC316, PSYC321, PSYC363, PSYC399.</li> </ul> </li> <li>• Changes to listed units – <ul style="list-style-type: none"> <li>○ Add new unit PSYC306</li> <li>○ Code change for PSYC204 to PSYC307 and add PSYC307 as a listed unit</li> <li>○ Add PSYC314 (Behaviour Modification) as a listed unit</li> <li>○ Change of title for PSYC363 to Abnormal Psychology</li> </ul> </li> </ul>	<p><i>New students for 2009 will come under the 2009 rules for the Psychology major</i></p> <p><i>For students who began in 2008</i> Note the unit changes. Students may proceed under the 2008 rules if they wish (the changes are listed units becoming core units). Under the 2008 and 2009 rules, students need 60cp from core and listed units in PSYC to complete the major.</p> <p><i>For students who began before 2008</i> You may not undertake this major.</p>
<p><b>Computational Biology/Bioinformatics Combined Major</b></p> <ul style="list-style-type: none"> <li>• Elective COMP285 change of unit title to Introduction to Object-Oriented Programming in Java</li> <li>• Elective HORT420 change of unit title to Horticultural Science</li> </ul>	<p><i>For students who began in or after 2008</i> Note the unit changes.</p> <p><i>For students who began before 2008</i> You may not undertake this major</p>

<p><b>Geology/Environmental Geosciences Combined Major</b>  Note the following elective unit changes:</p> <ul style="list-style-type: none"> <li>• Elective COMP285 change of unit title to Introduction to Object-Oriented Programming in Java</li> <li>• Elective HORT420 change of unit title to Horticultural Science</li> </ul>	<p><i>For students who began in or after 2008</i>  Note the unit changes.</p> <p><i>For students who began before 2008</i>  You may not undertake this major</p>
<p><b>Mathematics/Statistics Combined Major</b></p> <ul style="list-style-type: none"> <li>• New unit PMTH331(Introduction to Topology) has been added to the listed units from which 6cp must be undertaken</li> <li>• Elective COMP285 change of unit title to Introduction to Object-Oriented Programming in Java</li> <li>• Elective HORT420 change of unit title to Horticultural Science</li> </ul>	<p><i>For students who began in or after 2008</i>  Note the unit change.</p> <p><i>For students who began before 2008</i>  You may not undertake this major.</p>
<p><b>Palaeobiology Combined Major</b></p> <ul style="list-style-type: none"> <li>• Elective COMP285 change of unit title to Introduction to Object-Oriented Programming in Java</li> <li>• Elective HORT420 change of unit title to Horticultural Science</li> </ul>	<p><i>For students who began in or after 2008</i>  Note the unit change.</p> <p><i>For students who began before 2008</i>  You may not undertake this major.</p>