

BIOLOGY COURSE PLANNER 2016

BIOLOGY MAJOR	BIOLOGY MINOR	EVOLUTION & ECOLOGY MINOR	GENETICS MINOR	MICROBIOLOGY & IMMUNOLOGY MINOR
<p>48 units must include:</p> <p>12 units of compulsory courses: BIOL1003 Biology 1: Evolution, Ecology & Genetics BIOL1004 Biology 2: Molecular & Cell Biology</p> <p>A minimum of 6 units from: BIOL2191 Ecology of Health and Disease BIOL2201 Big Questions in Biology</p> <p>BIOL3106 Biosecurity BIOL3191 Biology, Society and Ethics</p> <p>A minimum of 6 units from: BIOL2202 Experimental Design & Analysis ENVS1003 Intro to Environmental & Social Research STAT1003 Statistical Techniques STAT1008 Quantitative Research Methods PSYC2009 Quantitative Methods in Psychology BIAN3014 Res Design & Analysis in Biol Anthropology</p> <p>A minimum of 6 units from 2000 BIOL courses A minimum of 18 units from 3000 BIOL/NEUR courses</p>	<p>24 units must include:</p> <p>A maximum of 12 units from the following BIOL1003 Biology 1: Evolution, Ecology & Genetics BIOL1004 Biology 2: Molecular & Cell Biology BIOL1008 Human Biology BIOL1009 Diversity of Life</p> <p>A minimum of 12 units from any 2000 or 3000 level BIOL courses</p>	<p>24 units must include:</p> <p>12 units of compulsory courses: BIOL2122 Australian Plant Functional Diversity BIOL2111 Australian Vertebrates BIOL2113 Invertebrate Zoology BIOL2131 Population Ecology</p> <p>12 units from the following: BIOL3116 Marine Conservation Ecology BIOL3125 Plants & Global Climate Change BIOL3131 Evolutionary & Behavioural Ecology BIOL3132 Field Studies in Behavioural Ecology BIOL3206 Evolution of Biodiversity BIOL3208 Biology Research Project BIAN3018 Primate Beh & Ecol Field School in Cambodia</p>	<p>24 units must include:</p> <p>12 units of compulsory courses: BIOL2151 Principles of Genetics BIOL2161 Genes: Replication & Expression</p> <p>12 units from the following courses including</p> <p>a minimum of 6 units of 3000 level BIAN2115 Race & Human Genetic Variation BIOL2162 Molecular Genetic Techniques BIOL3157 Bioinformatics & Functional Genomics BIOL3161 Genomics & Its Applications BIOL3204 Human Genetics BIOL3206 Evolution of Biodiversity BIOL3208 Biology Research Project</p>	<p>24 units must include:</p> <p>12 units of compulsory courses: BIOL2142 General Microbiology BIOL3141 Infection & Immunity</p> <p>12 units from the following: BIOL2191 Ecology of Health & Disease BIOL3142 Parasitology BIOL3144 Molecular Immunology BIOL3208 Biology Research Project</p>
MOLECULAR BIOLOGY MINOR	BIOCHEMISTRY SPECIALISATION	NEUROSCIENCE & PHYSIOLOGY SPECIALISATION	PLANT SCIENCE SPECIALISATION	QUANTITATIVE BIOLOGY & BIOINFORMATICS SPECIALISATION
<p>24 units must include:</p> <p>18 units of compulsory courses: BIOL2161 Genes: Replication & Expression BIOL2162 Molecular Genetic Techniques BIOL3161 Genomics & Its Applications</p> <p>6 units from the following: BIOL2142 General Microbiology BIOL3141 Infection & Immunity</p> <p>BIOL3144 Molecular Immunology BIOL3177 Advances in Molecular Plant Science BIOL3208 Biology Research Project</p>	<p>24 units must include:</p> <p>12 units from the following courses: BIOL2171 Biochemistry & Nutrition CHEM2208 Protein Engineering & Analysis</p> <p>12 units from the following courses: BIOL3107 Advanced in Medical & Plant Biochemistry BIOL3208 or BIOL3209 Biology Research Project CHEM3201, CHEM3204, CHEM3207 or CHEM3060 Research Project (relevant to Biochemistry)</p> <p><i>This specialisation is only available to students in Biology Major or Chemistry Major</i></p>	<p>24 units must include:</p> <p>A maximum of 12 units from the following BIOL2103 Human Physiology BIOL2171 Biochemistry & Nutrition BIOL2174 Cellular Physiology in Health & Disease</p> <p>A minimum of 12 units from the following NEUR3101 Cellular Neuroscience NEUR3112 System Neuroscience</p> <p>BIOL3208 Biology Research Project</p> <p><i>This specialisation is only available to students in Biology Major or Psychology Major</i></p>	<p>24 units must include:</p> <p>12 units of compulsory courses: BIOL2121 Plants: Genes to Environment BIOL2122 Australian Plant Functional Diversity</p> <p>12 units from the following: BIOL3125 Plants & Global Climate Change BIOL3177 Advances in Molecular Plant</p> <p>BIOL3208 Biology Research Project</p> <p><i>This specialisation is only available to students in Biology Major or Environment & Landscape Sciences Major, or Natural Resource Management Major or Sustainability Science Major</i></p>	<p>24 units must include:</p> <p>18 units of compulsory courses: MATH2307 Bioinformatics & Biol Modelling MATH3353 Advanced Topics in Bioinformatics BIOL3157 Bioinformatics and Funct Genomics</p> <p>12 units from the following: BIOL2202 Experimental Design & Analysis BIOL3161 Genomics & Its Applications</p> <p>MATH2306 Applied Mathematics II</p> <p><i>This specialisation is only available to students in Biology Major, Mathematics Major or Mathematical Modelling Major</i></p>