

## Science-credited subjects - new generation B-SCI and B-ENG.

<b>Year and Campus:</b>	2015
<b>Coordinator:</b>	Science Student Centre
<b>Contact:</b>	<p><b>Science Student Centre</b>  The Eastern Precinct (building 138)  (between Doug McDonnell building and Eastern Resource Centre)</p> <p><i>Enquiries</i>  Phone: 13 MELB (13 6352)  Email: <a href="mailto:13MELB@unimelb.edu.au">13MELB@unimelb.edu.au</a> (mailto:13MELB@unimelb.edu.au)</p>
<b>Overview:</b>	<p>The subjects listed below are available as</p> <ul style="list-style-type: none"> <li># science credit for students enrolled in the new generation Bachelor of Science (B-SCI)</li> <li># elective science subjects the Bachelor of Engineering (B-ENG)</li> </ul>
<b>Learning Outcomes:</b>	<p>Refer to relevant course entry</p> <ul style="list-style-type: none"> <li># Bachelor of Science (B-SCI)</li> <li># Bachelor of Engineering (B-ENG)</li> </ul>
<b>Structure &amp; Available Subjects:</b>	<p>Subjects are arranged under headings for identified discipline study areas. A subject is listed only once in this section. Refer to related headings for alternative locations of a subject's listing.</p> <p><b><u>Agricultural Science</u></b>  <b><u>Anatomy</u></b>  <b><u>Biochemistry and Molecular Biology</u></b>  <b><u>Biology (Level 1)</u></b>  <b><u>Biotechnology</u></b>  <b><u>Cell Biology</u></b>  <b><u>Chemistry</u></b>  <b><u>Computer Science and Software Engineering</u></b>  <b><u>Animal Science and Management</u></b>  <b><u>Earth Sciences</u></b>  <b><u>Ecology</u></b>  <b><u>Engineering</u></b>  <b><u>Environments (Level 1)</u></b>  <b><u>Environmental Science</u></b>  <b><u>Food Science</u></b><b><u>Forest Science</u></b>  <b><u>Genetics</u></b>  <b><u>Geography</u></b>  <b><u>Geomatics</u></b>  <b><u>Informatics</u></b>  <b><u>Internship</u></b>  <b><u>Mathematics and Statistics</u></b>  <b><u>Microbiology and Immunology</u></b>  <b><u>Neuroscience</u></b>  <b><u>Pathology</u></b>  <b><u>Pharmacology</u></b>  <b><u>Physics</u></b>  <b><u>Physiology</u></b>  <b><u>Plant Science</u></b>  <b><u>Psychology</u></b>  <b><u>Research Project subjects</u></b>  <b><u>Science (General)</u></b>  <b><u>Science Informatics</u></b>  <b><u>Veterinary Science</u></b>  <b><u>Zoology</u></b></p>
<b>Subject Options:</b>	<b>Agricultural Science</b>

Subject	Study Period Commencement:	Credit Points:
AGRI20026 Plant Growth Processes	Semester 1	12.50
EVSC20002 Soil and Water Resources	Semester 2	12.50
AGRI30003 Agricultural Systems Analysis	Semester 2	12.50
AGRI30016 Irrigation and Water Management	June	12.50
AGRI30029 Ecology & Management of Grazing Systems	Semester 2	12.50
AGRI30030 Livestock Production Systems	Semester 1	12.50
AGRI30031 Crop Production and Management	Semester 2	12.50
AGRI30032 Plant Health and Improvement	Semester 1	12.50
BTCH30002 Trends & Issues in Agrifood Biotechnolog	Semester 1	12.50

### Anatomy

Subject	Study Period Commencement:	Credit Points:
ANAT20006 Principles of Human Structure	Semester 1, Semester 2	12.50
ANAT30007 Human Locomotor Systems	Semester 1	12.50
ANAT30008 Viscera and Visceral Systems	Semester 2	12.50
CEDB30003 Developmental Biology	Semester 2	12.50

### Animal Science and Management

Subject	Study Period Commencement:	Credit Points:
DASC20010 Applied Animal Physiology	Semester 2	12.50
DASC20011 Companion Animal Biology	Semester 1	12.50
DASC20012 Comparative Nutrition and Digestion	Semester 1	12.50
DASC20013 Topics in Animal Health	Semester 2	12.50
DASC30005 Applied Animal Behaviour	Semester 1	12.50
DASC30006 Applied Animal Reproduction & Genetics	Semester 1	12.50
DASC30013 Animal Systems Analysis	Semester 2	12.50
DASC30014 Animal Performance	Not offered 2015	12.50
DASC30015 Animal Welfare and Ethics	Semester 2	12.50

### Biochemistry and Molecular Biology

Subject	Study Period Commencement:	Credit Points:
BCMB20002 Biochemistry and Molecular Biology	Semester 1, Semester 2	12.50
BCMB20003 Biochemical Regulation of Cell Function	Semester 2	12.50
BCMB20005 Techniques in Molecular Science	Semester 1, Semester 2	12.50

BCMB30001 Protein Structure and Function	Semester 2	12.50
BCMB30002 Functional Genomics and Bioinformatics	Semester 1	12.50
BCMB30003 Molecular Aspects of Cell Biology	Semester 1	12.50
BCMB30004 Cell Signalling and Neurochemistry	Semester 2	12.50
BCMB30010 Advanced Techniques in Molecular Science	Semester 1, Semester 2	12.50
BCMB30011 Metabolism and Nutrition	Semester 1	12.50

### Biology (Level 1)

Subject	Study Period Commencement:	Credit Points:
BIOL10001 Biology of Australian Flora & Fauna	Semester 2	12.50
BIOL10004 Biology of Cells and Organisms	Semester 1	12.50
BIOL10005 Genetics & The Evolution of Life	Semester 2	12.50

### Biotechnology

Subject	Study Period Commencement:	Credit Points:
BTCH20002 Biotechnology	Semester 2	12.50
BTCH30001 Methods in Agrifood Biotechnology	Semester 1	12.50
BTCH30003 Biotechnology in Practice	Semester 1	12.50

### Cell Biology

Subject	Study Period Commencement:	Credit Points:
CEDB20003 Fundamentals of Cell Biology	Semester 1	12.50
CEDB30002 Concepts in Cell & Developmental Biology	Semester 1	12.50
CEDB30004 Stem Cells in Development & Regeneration	Semester 2	12.50

### Chemistry

Subject	Study Period Commencement:	Credit Points:
CHEM10003 Chemistry 1	Semester 1, Semester 2	12.50
CHEM10004 Chemistry 2	Summer Term, Semester 2	12.50
CHEM10007 Fundamentals of Chemistry	Semester 1	12.50
CHEM20011 Environmental Chemistry	Semester 1	12.50
CHEM20018 Chemistry: Reactions and Synthesis	Semester 1	12.50
CHEM20019 Practical Chemistry 2	Semester 2	12.50
CHEM20020 Chemistry: Structure and Properties	Semester 2	12.50
CHEM30012 Analytical & Environmental Chemistry	Semester 2	12.50

CHEM30013 Chemical Research Project	Summer Term, Semester 2	12.50
CHEM30014 Specialised Topics in Chemistry B	Semester 2	12.50
CHEM30015 Advanced Practical Chemistry	Semester 1	12.50
CHEM30016 Reactivity and Mechanism	Semester 1	12.50
CHEM30017 Specialised Topics in Chemistry A	Semester 1	12.50

### Computer Science and Software Engineering

Subject	Study Period Commencement:	Credit Points:
COMP10001 Foundations of Computing	Semester 1, Semester 2	12.50
COMP10002 Foundations of Algorithms	Semester 1, Semester 2	12.50
COMP20003 Algorithms and Data Structures	Semester 2	12.50
COMP20005 Engineering Computation	Semester 1, Semester 2	12.50
COMP20007 Design of Algorithms	Semester 1	12.50
SWEN20003 Object Oriented Software Development	Semester 2	12.50
COMP30018 Knowledge Technologies	Semester 1, Semester 2	12.50
COMP30019 Graphics and Interaction	Semester 2	12.50
COMP30020 Declarative Programming	Semester 2	12.50
COMP30021 Theoretical Computer Science	Not offered 2015	12.50
COMP30022 IT Project	Semester 2	12.50
SWEN30006 Software Modelling and Design	Semester 1, Semester 2	12.50
COMP30023 Computer Systems	Semester 1	12.50
COMP30026 Models of Computation	Semester 2	12.50
COMP30024 Artificial Intelligence	Semester 1	12.50

### Earth Sciences

Subject	Study Period Commencement:	Credit Points:
ERTH10001 The Global Environment	Semester 1	12.50
ERTH10002 Understanding Planet Earth	Semester 2	12.50
ATOC20001 Weather and Climate Systems	Semester 1	12.50
ATOC20002 Atmospheric Environment Processes	Not offered 2015	12.50
ERTH20001 Dangerous Earth	Semester 2	12.50
ERTH20002 Environmental Geosciences	Semester 2	12.50
ERTH20003 Past Climates: Icehouse to Greenhouse	Semester 2	12.50
GEOL20001 Geology of Southeast Australia	February	12.50

GEOL20002 Structural and Metamorphic Geology	Semester 1	12.50
GEOL20003 Earth Composition, Minerals and Magmas	Semester 1	12.50
GEOL20004 Field Mapping and Sedimentary Geology	June	12.50
ATOC30003 Atmosphere Ocean Interaction	Semester 2	12.50
ATOC30004 Dynamical Meteorology and Oceanography	Semester 1	12.50
ATOC30005 Global Climates of the Past	Semester 1	12.50
ATOC30006 Modern and Future Climate	Semester 2	12.50
ATOC30008 Atmospheric Processes and Composition	Not offered 2015	12.50
ERTH30001 Hydrogeology/Environmental Geochemistry	Semester 1	12.50
GEOL30002 Tectonics & Geodynamics	Semester 1	12.50
GEOL30003 Sedimentary Geology	Semester 2	12.50
GEOL30004 Geochemistry & Petrogenesis	Semester 1	12.50
GEOL30005 Applied Geophysics	Semester 2	12.50
GEOL30006 Economic Geology	Semester 2	12.50
GEOL30007 Geobiology and Palaeobiology	Semester 1	12.50
GEOL30009 Advanced Field Geology	July	12.50

### Ecology

Subject	Study Period Commencement:	Credit Points:
ECOL20003 Ecology	Semester 2	12.50
ECOL30005 Applied Ecology	Semester 2	12.50
ECOL30006 Ecology in Changing Environments	Semester 1	12.50

### Engineering systems

Subject	Study Period Commencement:	Credit Points:
ENGR10003 Engineering Systems Design 2	Summer Term, Semester 2	12.50
ENGR10004 Engineering Systems Design 1	Semester 1, Semester 2	12.50
CHEN20007 Chemical Process Analysis 1	Semester 2	12.50
CHEN20008 Chemical Process Analysis 2	Semester 2	12.50
CHEN20009 Transport Processes	Semester 2	12.50
ELEN20005 Foundations of Electrical Networks	January, Semester 2	12.50
ENEN20002 Earth Processes for Engineering	Semester 2	12.50
ENGR20003 Engineering Materials	Semester 2	12.50
ENGR20004 Engineering Mechanics	Summer Term, Semester 1, Semester 2	12.50

ENGR30002 Fluid Mechanics	Semester 1, Semester 2	12.50
BMEN20001 Biomechanical Physics & Computation	Semester 1	12.50
BMEN30005 Introduction to Biomechanics	Semester 1	12.50
BMEN30006 Circuits and Systems	Semester 1	12.50
BMEN30007 Biotransport Processes	Semester 2	12.50
BMEN30008 Biosystems Design	Semester 2	12.50
CHEN30001 Reactor Engineering	Semester 1	12.50
CHEN30005 Heat and Mass Transport Processes	Semester 1, Semester 2	12.50
CVEN30008 Engineering Risk Analysis	Semester 1	12.50
CVEN30009 Structural Theory and Design	Semester 2	12.50
CVEN30010 Systems Modelling and Design	Semester 2	12.50
ELEN30009 Electrical Network Analysis and Design	Semester 1	12.50
ELEN30010 Digital System Design	Semester 1	12.50
ELEN30011 Electrical Device Modelling	Semester 2	12.50
ELEN30012 Signals and Systems	Semester 2	12.50
ELEN30013 Electronic System Implementation	Semester 2	12.50
INFO30007 Health and Biomedical Informatics	Semester 2	12.50
MCEN30014 Mechanical Design	Semester 2	12.50
MCEN30016 Mechanical Dynamics	Semester 1	12.50
MCEN30017 Mechanics & Materials	Semester 1	12.50
MCEN30018 Thermodynamics and Fluid Mechanics	Semester 1, Semester 2	12.50
CHEN30015 Process Engineering Case Studies	Semester 2	12.50
CHEN20010 Material and Energy Balances	Semester 1, Semester 2	12.50
CHEN20011 Chemical Process Analysis	Semester 2	12.50

### Environments (Level 1)

Subject	Study Period Commencement:	Credit Points:
ENVS10001 Natural Environments	Semester 1, Semester 2	12.50
ENVS10006 Mapping Environments	Semester 1	12.50

### Environmental Science

Subject	Study Period Commencement:	Credit Points:
EVSC20004 Blue Planet-Intro to Marine Environments	Semester 1	12.50
EVSC30002 Problem Solving in Environmental Science	Semester 2	12.50
EVSC30003 Environmental Risk Assessment	Semester 1	12.50

EVSC30006 Ecology of Urban Landscapes	Semester 1	12.50
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### Food Science

Subject	Study Period Commencement:	Credit Points:
FOOD20003 Food Chemistry, Biology and Nutrition	Semester 1	12.50
FOOD20006 Food Microbiology and Safety	Semester 2	12.50
FOOD30007 Food Processing & Preservation	Semester 1	12.50
FOOD30008 Advanced Food Analysis	Semester 1	12.50
FOOD30009 Food Research & Development	Semester 2	12.50
FOOD30010 Functional Foods	Semester 2	12.50

### Forest Science

Subject	Study Period Commencement:	Credit Points:
FRST30001 Forest Systems	Semester 2	12.50

### Genetics

Subject	Study Period Commencement:	Credit Points:
GENE10001 Genetics in the Media	Semester 1	12.50
GENE20001 Principles of Genetics	Semester 1	12.50
GENE20002 Genes and Genomes	Semester 2	12.50
GENE20003 Experiments in Genetics	Semester 2	12.50
GENE30001 Evolutionary Genetics and Genomics	Semester 1	12.50
GENE30002 Genes: Organisation and Function	Semester 1	12.50
GENE30004 Genetic Analysis	Semester 2	12.50
GENE30005 Human and Medical Genetics	Semester 2	12.50

### Geography

Subject	Study Period Commencement:	Credit Points:
GEOG10001 Famine: The Geography of Scarcity	Semester 1	12.50
ENST20002 Environmental Change Field Class	Semester 2	12.50
GEOG20001 Society and Environments	Semester 1	12.50
GEOG20002 Understanding Global Landforms	Semester 1	12.50
GEOG20003 Environmental Politics and Management	Semester 1	12.50
GEOG20009 Landscapes and Diversity	Semester 2	12.50
GEOG30001 Coastal Landforms & Processes	Semester 1	12.50
GEOG30003 Geographical Thought	Semester 1	12.50

GEOG30004 Fluvial Geomorphology	Semester 2	12.50
GEOG30007 China Field Class	Semester 2	25
GEOG30019 Sustainable Development	Semester 1	12.50
GEOG30021 The Disaster Resilient City	Semester 2	12.50
GEOG30022 River Ecology & Ecosystem Management	Semester 1	12.50
GEOG30023 Global Climate Change in Context	February	12.50
GEOG30024 Africa: Environment, Development, People	Semester 2	12.50
GEOG30025 Biogeography and Ecology of Fire	Semester 1	12.50

### Geomatics

Subject	Study Period Commencement:	Credit Points:
GEOG20013 Applications of GIS	Semester 1	12.50
GEOG20015 Surveying and Mapping	Semester 2	12.50
GEOG30009 Imaging the Environment	Semester 1	12.50
GEOG30012 Integrated Spatial Systems	Semester 2	12.50
GEOG30013 Land Administration Systems	Semester 2	12.50

### Informatics

Additional subjects are listed under 'Science informatics'.

Subject	Study Period Commencement:	Credit Points:
INFO20002 Foundations of Informatics	Semester 1	12.50
INFO20003 Database Systems	Semester 2	12.50
INFO30006 Information Management Techniques	Semester 2	12.50
INFO30004 Usability Engineering	Semester 1	12.50
INFO30005 Web Information Technologies	Semester 1	12.50

### Internship

Subject	Study Period Commencement:	Credit Points:
SCIE30002 Science and Technology Internship	Semester 1, Semester 2	12.50

### Mathematics and Statistics

Subject	Study Period Commencement:	Credit Points:
MAST10005 Calculus 1	Semester 1, Semester 2	12.50
MAST10006 Calculus 2	Semester 1, Semester 2	12.50
MAST10007 Linear Algebra	Summer Term, Semester 1, Semester 2	12.50
MAST10008 Accelerated Mathematics 1	Semester 1	12.50

MAST10009 Accelerated Mathematics 2	Semester 2	12.50
MAST10010 Data Analysis 1	Semester 2	12.50
MAST20004 Probability	Semester 1	12.50
MAST20005 Statistics	Semester 2	12.50
MAST20006 Probability for Statistics	Semester 1	12.50
MAST20009 Vector Calculus	Semester 1, Semester 2	12.50
MAST20018 Discrete Maths and Operations Research	Semester 2	12.50
MAST20022 Group Theory and Linear Algebra	Semester 2	12.50
MAST20026 Real Analysis	Semester 1, Semester 2	12.50
MAST20029 Engineering Mathematics	Summer Term, Semester 1, Semester 2	12.50
MAST20030 Differential Equations	Semester 2	12.50
MAST30001 Stochastic Modelling	Semester 2	12.50
MAST30005 Algebra	Semester 1	12.50
MAST30011 Graph Theory	Semester 1	12.50
MAST30012 Discrete Mathematics	Semester 2	12.50
MAST30020 Probability for Inference	Semester 1	12.50
MAST30013 Techniques in Operations Research	Semester 1	12.50
MAST30021 Complex Analysis	Semester 1, Semester 2	12.50
MAST30022 Decision Making	Semester 2	12.50
MAST30024 Geometry	Semester 2	12.50
MAST30025 Linear Statistical Models	Semester 1	12.50
MAST30026 Metric and Hilbert Spaces	Semester 2	12.50
MAST30027 Modern Applied Statistics	Semester 2	12.50
MAST30028 Numerical and Symbolic Mathematics	Semester 2	12.50
MAST30030 Applied Mathematical Modelling	Semester 1	12.50
MAST30031 Methods of Mathematical Physics	Semester 2	12.50

### **Microbiology and Immunology**

<b>Subject</b>	<b>Study Period Commencement:</b>	<b>Credit Points:</b>
MIIM20001 Principles of Microbiology & Immunology	Semester 1	12.50
MIIM20002 Microbes, Infections and Responses	Semester 2	12.50
MIIM30002 Principles of Immunology	Semester 1	12.50
MIIM30003 Medical and Applied Immunology	Semester 2	12.50
MIIM30011 Medical Microbiology: Bacteriology	Semester 1	12.50

MIIM30014 Medical Microbiology: Virology	Semester 2	12.50
MIIM30015 Techniques in Immunology	Semester 2	12.50
MIIM30016 Techniques in Microbiology	Semester 1	12.50

### Neuroscience

Subject	Study Period Commencement:	Credit Points:
NEUR30003 Principles of Neuroscience	Semester 1	12.50
NEUR30004 Sensation Movement and Complex Functions	Semester 2	12.50
NEUR30005 Developmental Neurobiology	Semester 2	12.50
OPTO30007 Visual Neuroscience	Semester 2	12.50

### Pathology

Subject	Study Period Commencement:	Credit Points:
PATH20001 Exploring Human Disease - Science	Semester 2	12.50
PATH20003 Experimental Pathology	Semester 2	12.50
PATH30001 Mechanisms of Human Disease	Semester 1	12.50
PATH30002 Techniques for Investigation of Disease	Semester 1	12.50
PATH30003 Frontiers in Human Disease	Semester 2	12.50
PATH30004 Advanced Investigation of Human Disease	Semester 2	12.50

### Pharmacology

Subject	Study Period Commencement:	Credit Points:
PHRM20001 Pharmacology: How Drugs Work	Semester 2	12.50
PHRM30002 Drugs Affecting the Nervous System	Semester 2	12.50
PHRM30003 Drug Treatment of Disease	Semester 2	12.50
PHRM30008 Drugs: From Discovery to Market	Semester 1	12.50
PHRM30009 Drugs in Biomedical Experiments	Semester 1, Semester 2	12.50

### Physics

Subject	Study Period Commencement:	Credit Points:
PHYC10001 Physics 1: Advanced	Semester 1	12.50
PHYC10002 Physics 2: Advanced	Semester 2	12.50
PHYC10003 Physics 1	Semester 1	12.50
PHYC10004 Physics 2: Physical Science & Technology	Semester 2	12.50
PHYC10005 Physics 1: Fundamentals	Semester 1	12.50
PHYC10006 Physics 2: Life Sciences & Environment	Semester 2	12.50

PHYC10008 From the Solar System to the Cosmos	Semester 2	12.50
PHYC20009 Thermal and Classical Physics	Semester 1	12.50
PHYC20010 Quantum Mechanics and Special Relativity	Semester 1	12.50
PHYC20011 Electromagnetism and Optics	Semester 2	12.50
PHYC30011 Sub-atomic Physics	Semester 2	12.50
PHYC30012 Computational Physics	Semester 2	12.50
PHYC30014 Laboratory Work A	Semester 1, Semester 2	12.50
PHYC30015 Laboratory Work B	Semester 1, Semester 2	12.50
PHYC30016 Electrodynamics	Semester 1	12.50
PHYC30017 Statistical Physics	Semester 2	12.50
PHYC30018 Quantum Physics	Semester 1	12.50
PHYC30019 Astrophysics	Semester 1	12.50
PHYC30020 Quantum Systems	Semester 2	12.50

### Physiology

Subject	Study Period Commencement:	Credit Points:
PHYS20008 Human Physiology	Semester 1, Semester 2	12.50
PHYS20009 Research-Based Physiology	Semester 1, Semester 2	12.50
NEUR30002 Neurophysiology: Neurons and Circuits	Semester 1	12.50
PHYS30001 Cardiovascular Health: Genes & Hormones	Semester 2	12.50
PHYS30005 Muscle and Exercise Physiology	Semester 1	12.50
PHYS30008 Frontiers in Physiology	Semester 2	12.50
PHYS30009 Experimental Physiology	Semester 1	12.50

### Plant Science

Subject	Study Period Commencement:	Credit Points:
BOTA20001 Green Planet: Plants and the Environment	Semester 1	12.50
BOTA20002 Plant Biodiversity	Semester 2	12.50
BOTA20004 Flora of Victoria	February	12.50
BOTA30001 Marine Botany	November	12.50
BOTA30002 Plant Evolution	Semester 2	12.50
BOTA30003 Environmental Plant Physiology	Semester 1	12.50
BOTA30004 Vegetation Management and Conservation	Semester 2	12.50
BOTA30005 Plant Molecular Biology & Biotechnology	Semester 2	12.50
BOTA30006 Field Botany	January	12.50

## Psychology

Subject	Study Period Commencement:	Credit Points:
PSYC10003 Mind, Brain & Behaviour 1	Semester 1	12.50
PSYC10004 Mind, Brain and Behaviour 2	Semester 2	12.50
PSYC20006 Biological Psychology	Semester 1	12.50
PSYC20007 Cognitive Psychology	Semester 2	12.50
PSYC20008 Developmental Psychology	Semester 1	12.50
PSYC20009 Personality and Social Psychology	Semester 2	12.50
PSYC30012 The Unconscious Mind	Semester 1	12.50
PSYC30013 Research Methods for Human Inquiry	Semester 1	12.50
PSYC30014 The Psychopathology of Everyday Life	Semester 2	12.50
PSYC30015 Applications in Psychology	Semester 2	12.50
PSYC30016 Social and Emotional Development	Semester 2	12.50
PSYC30017 Perception, Memory and Cognition	Semester 1	12.50
PSYC30018 Neuroscience and the Mind	Semester 1	12.50
PSYC30019 Development of the Thinking Child	Semester 2	12.50
PSYC30020 The Integrated Brain	Semester 2	12.5
PSYC30021 Psychological Science: Theory & Practice	Semester 2	12.50
PSYC30022 Trends in Personality& Social Psychology	Semester 2	12.50

## Research Project subjects

Subject	Study Period Commencement:	Credit Points:
ENST30002 Land And Environment Research Project	Semester 1, Semester 2	12.50
SCIE30001 Science Research Project	Summer Term, Semester 1, Semester 2	12.50
BIOM30003 Biomedical Science Research Project	Summer Term, Semester 1, Semester 2	12.50

## Science (General)

Subject	Study Period Commencement:	Credit Points:
MULT10011 Introduction to Life, Earth and Universe	Semester 1	12.50
SCIE20001 Thinking Scientifically	Semester 2	12.50

## Veterinary Science

A number of Level 3 Veterinary Science subjects will be quota-restricted.

Subject	Study Period Commencement:	Credit Points:
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VETS20014 Foundations of Animal Health 1	Semester 1	12.50
VETS20015 Foundations of Animal Health 2	Semester 2	12.50
VETS30011 Animal Disease Biotechnology 1	Semester 1	12.50
VETS30012 Animal Disease Biotechnology 2	Semester 2	12.50
VETS30013 Animal Health in Production Systems	Semester 2	12.50
VETS30014 Veterinary Bioscience: Cardiovasc System	Semester 2	12.50
VETS30015 Veterinary Bioscience: Cells to Systems	Semester 1	12.50
VETS30016 Veterinary Bioscience: Digestive System	Semester 1	12.50
VETS30017 Veterinary Bioscience: Metab & Excretion	Semester 1	12.50
VETS30018 Veterinary Bioscience:Respiratory System	Semester 2	12.50

### Zoology

Subject	Study Period Commencement:	Credit Points:
ZOOL20004 Australian Wildlife Biology	Semester 1	12.50
ZOOL20005 Animal Structure and Function	Semester 1	12.50
ZOOL20006 Comparative Animal Physiology	Semester 2	12.50
BIOL30001 Reproductive Physiology	Semester 2	12.50
BIOL30002 Experimental Reproductive Physiology	Semester 2	12.50
ECOL30007 Marine Ecosystems: Ecology & Management	Semester 1	12.50
ZOOL30004 Evolution and the Human Condition	Semester 1	12.50
ZOOL30006 Animal Behaviour	Semester 1	12.50
ZOOL30007 Experimental Animal Behaviour	Semester 1	12.50
ZOOL30008 Experimental Marine Biology	February	12.50
ZOOL30009 Field Biology of Australian Wildlife	Semester 2	12.50

**Related Course(s):**

Bachelor of Science