

# DIPLOMA IN GENERAL SCIENCE (EXIT ONLY) (7185)

Western Sydney University Program Code: 7185

CRICOS Code: 108483A

This program applies to students who commenced in 2022 or later.

This program is an exit only program.

## Program Structure

Students must successfully complete 80 credit point of subjects. This comprises:

- 30 credit points of specified core subjects and
- 40 credit points of Science core and/or any focus subjects from a Science or Medical Science testamur major and
- 10 credit points of any other subject offered by Western Sydney University including from the specified core or Science or Medical Science testamur majors.

Students must successfully complete:

Subject	Title	Credit Points
NATS 1019	Scientific Literacy	10
CHEM 1008	Introductory Chemistry	10
And		10
BIOS 1001	Biodiversity	
or		
BIOS 1012	Cell Biology	

### Core subjects Level 1:

Subject	Title	Credit Points
MATH 1003	Biometry	10
MATH 1014	Mathematics 1A	10
BIOS 1001	Biodiversity	10
CHEM 1008	Introductory Chemistry	10
NATS 1019	Scientific Literacy	10
BIOS 1012	Cell Biology	10
MATH 1026	Quantitative Thinking	10
CHEM 1012	Essential Chemistry	10

### Core subjects Level 2:

Subject	Title	Credit Points
MATH 2001	Advanced Calculus	10
CHEM 2001	Analytical Chemistry	10
NATS 2019	Forensic and Environmental Analysis	10
PUBH 2010	Epidemiology	10
NATS 2042	Science Research Methods	10
BIOS 2042	Biochemistry	10
NATS 2001	Advanced Science Project A	10
NATS 2002	Advanced Science Project B	10

### Core subjects Level 3:

Subject	Title	Credit Points
BIOS 3012	Conservation Biology	10
NATS 3027	Laboratory Quality Management	10
NATS 3040	Topics in Medical Science	10
NATS 3008	Complex Forensic Studies	10
NATS 3015	Field Project 1	10
NATS 3044	Complex Case Studies in Science	10
NATS 3043	Advanced Science Research Project C	20
NATS 3055	Practicum 1	10

### Focus subjects Level 1:

Subject	Title	Credit Points
MATH 1015	Mathematics 1B	10
AGRI 1003	Animal Science	10
NATS 1008	Forensic Science	10
AGRI 1005	Human Animal Interactions	10
AGRI 1009	Wildlife Studies	10
BIOS 1012	Cell Biology	10
BIOS 1027	Management of Aquatic Environments	10
PHYS 1002	Physics 1	10
PHYS 1006	Physics 2	10
NATS 1003	Digital Forensic Photography	10
ENVL 1006	Environmental Health Issues and Solutions	10
ENVL 1004	Introduction to Environmental Science	10
AGRI 1011	Introduction to Agrifood	10
PROC 1005	Introduction to Food Science and Nutrition	10
NATS 1009	Human Anatomy and Physiology 1	10
NATS 1010	Human Anatomy and Physiology 2	10
NATS 1022	Functional Anatomy	10

### Focus subjects Level 2:

Subject	Title	Credit Points
BIOS 2022	Microbiology 1	10
AGRI 2004	Animal Reproduction	10
EART 2001	Climate Change Science	10
BIOS 2006	Comparative Physiology	10
BIOS 2018	Genetics	10
CHEM 2010	Physical Chemistry	10
CHEM 2008	Organic Chemistry	10
BIOS 2008	Ecology	10
BIOS 2021	Metabolism	10
NATS 2010	Crime Scene Investigation	10
NATS 2031	Toxicology	10
NATS 2004	Anatomy of the Thorax and Abdomen	10
CHEM 2006	Inorganic Chemistry	10
PHYS 2004	The Cosmos in Perspective: Information and Life	10
BIOS 2040	Invertebrate Zoology	10
BIOS 2041	Vertebrate Zoology	10
NATS 2033	Cell Form and Function	10
NATS 2034	Human Systems Physiology 1	10
NATS 2035	Human Systems Physiology 2	10
ENVL 2007	Environmental Monitoring and Assessment	10
EART 2004	Soils and Substrates	10

HORT 2003	Plant Production	10
PROC 2002	Novel Foods	10
NATS 2021	Imaging Science	10

**Focus subjects level 3:**

Subject	Title	Credit Points
NATS 3037	Neuroanatomy	10
BIOS 3014	Genes, Genomics and Human Health	10
AGRI 3002	Animal Nutrition and Feeding	10
AGRI 3005	Animal Production	10
NATS 3020	Food Microbiology and Safety	10
PUBH 3007	Disease Prevention and Control	10
CHEM 3010	Forensic Chemistry	10
AGRI 3007	Water in the Landscape	10
AGEN 3001	Animal Behaviour	10
NATS 3014	Experimental Foods	10
PUBH 3005	Disaster and Emergency Management	10
NATS 3006	Anatomy of the Head and Neck	10
CHEM 3004	Advanced Organic Chemistry	10
CHEM 3003	Advanced Inorganic Chemistry	10
HLTH 3001	Applied Nutrition	10
NATS 3017	Field Project 2	10
PROC 3003	New Food Product Development	10
PHYS 3001	Astroinformatics	10
PUBH 3017	Occupational Health and Safety	10
NATS 3038	Quality Assurance and Food Analysis	10
NATS 3039	Science Research Project	10
CHEM 3001	Advanced Analytical Chemistry	10
CHEM 3005	Advanced Physical Chemistry	10
NATS 3034	Molecular Medicine	10
NATS 3012	Environmental Forensic Investigations	10
NATS 3003	Advanced Mortuary Practice	10
EART 3006	Science of the Anthropocene	10
BIOS 3027	Molecular Biology of the Cell	10
BIOS 3026	Evolution and Genetics	10
BIOS 3028	Pathological Basis of Human Disease	10
PHYS 3006	Classical Physics	10
BIOS 3032	Plant Science	10
EART 3007	Land Degradation and Contamination	10
PUBH 3021	Air Pollution & Control	10
NATS 3046	Advanced Physiology	10
PHYS 3007	Quantum Physics	10
MEDI 3008	Mortuary Practice	10
ENVL 3010	Environmental Planning, Policy & Regulation	10
BIOS 3034	Molecular Biotechnology	10
BIOS 3033	Applied Bioinformatics	10
BIOS 3035	Sustainable Environments	10
HORT 3002	Protected Cropping Technology	10
AGRI 3009	Agricultural Technology	10
BIOS 3036	Agricultural Biosecurity	10
NATS 3048	Food Formulations	10
PROC 3007	Food Innovation and Processing Technologies	10
AGRI 3010	Animal Health and Welfare	10
HLTH 3019	Nutrition, Health and Disease	10
HLTH 3020	Global Nutrition and Food	10

PHYS 3008	Biomedical Physics	10
NATS 3026	Forensic Biology	10
NATS 3023	Forensic Anthropology	10
BIOS 3038	Metabolism	10
NATS 3053	Crime Scene Investigation	10
BIOS 3039	Ecology	10
NATS 3054	Human Systems Physiology 2	10
NATS 3056	Practicum 2	10