

SCIENCES PROGRAM INFORMATION

RECOMMENDED BACKGROUND/PREREQUISITES

PROGRAM	ESSENTIAL PREREQUISITE SACE STAGE 2 SUBJECTS	RECOMMENDED SACE BACKGROUND
Bachelor of Science Bachelor of Science (Mineral Geoscience)	Two subjects chosen from: Biology, Chemistry, Geology, Maths Methods, Maths Studies, Specialist Maths, Physics*, Psychology (Note: only one Maths subject can be counted.)	Stage 2 Chemistry, Maths Studies, Physics* * Specialist Maths required for Physics pathways
Bachelor of Science (Biomedical Science) Bachelor of Science (EcoChemistry) Bachelor of Science (Molecular & Drug Design) Bachelor of Science (Molecular Biology) Bachelor of Science (Nanoscience & Materials)	Chemistry and one from Biology, Geology, Maths Methods, Maths Studies, Specialist Maths, Physics, Psychology	Stage 2 Chemistry, Maths Studies, Physics
Bachelor of Science (Biotechnology) Bachelor of Science (Pre-Veterinary)	Maths Studies and Chemistry	Stage 2 Chemistry, Maths Studies, Physics
Bachelor of Science (Petroleum Geoscience)	Maths Studies and either Chemistry or Physics	Stage 2 Chemistry, Maths Studies, Physics
Bachelor of Science (Optics & Photonics) Bachelor of Science (Space Science & Astrophysics) Bachelor of Science (High Performance Computational Physics) (Honours)	Maths Studies, Specialist Maths, Physics	Stage 2 Maths Studies, Specialist Maths, Physics
Bachelor of Agricultural Sciences Bachelor of Food & Nutrition Science Bachelor of Science (Animal Science) Bachelor of Science (Evolutionary Biology) Bachelor of Science (Marine Biology) Bachelor of Science (Natural Resources) Bachelor of Viticulture & Oenology	None	Stage 2 Chemistry and Maths Studies
Bachelor of Wine Marketing	None	

CAREER OPTIONS

SCIENTIFIC AREA	PROGRAM	CAREER OPTIONS	
Agriculture	Bachelor of Agricultural Sciences Bachelor of Science (Pre-Veterinary) Bachelor of Science (Animal Science) Bachelor of Science (Natural Resources) Bachelor of Science/Bachelor of Teaching Bachelor of Viticulture & Oenology Bachelor of Wine Marketing	Environmental Project Officer, Resource Manager, Ecologist, Agronomist, Horticulturist, Environmental Consultant, Zookeeper, Park Management Officer, Rural Banker, Agricultural Consultant, High School Teacher, Vet, Journalist, Marketing and Communications Manager, Animal Health Officer, Quarantine Officer, Soil Scientist, Viticulturalist, Wine Maker, Product Development Coordinator, Grower Liaison Officer, Vineyard Manager, Animal/Veterinary Technician	
Biology	Bachelor of Agricultural Sciences Bachelor of Food & Nutrition Science Bachelor of Science Bachelor of Science (Animal Science) Bachelor of Science (Biomedical Science) Bachelor of Science (Biotechnology) Bachelor of Science (Evolutionary Biology)	Bachelor of Science (Marine Biology) Bachelor of Science (Molecular & Drug Design) Bachelor of Science (Molecular Biology) Bachelor of Science (Pre-Veterinary) Bachelor of Viticulture & Oenology Bachelor of Science/Bachelor of Teaching	Food Technologist, Forensic Scientist, Medical Research Scientist, Nutritionist, Marine Biologist, Food Scientist, Animal Behaviouralist, Meteorologist, Wine Maker, Plant Biotechnologist, Neuroscientist, Psychologist, Embryologist, Clinical Studies Co-ordinator, Botanist, Research Scientist, High School Teacher, Animal Health Officer, Quarantine Officer, Vet, Viticulturalist, Wine Marketer, Animal/Veterinary Technician
Chemistry	Bachelor of Agricultural Sciences Bachelor of Food & Nutrition Science Bachelor of Science Bachelor of Science (Biomedical Science) Bachelor of Science (Biotechnology) Bachelor of Science/Bachelor of Teaching	Bachelor of Science (EcoChemistry) Bachelor of Science (Molecular & Drug Design) Bachelor of Science (Molecular Biology) Bachelor of Science (Nanoscience & Materials) Bachelor of Science (Petroleum Geoscience) Bachelor of Viticulture & Oenology	Chemist, Geochemist, Pharmacologist, Environmental Remediation Officer, Wine Maker, Petroleum Exploration Worker, Environmental Consultant, Forensic Scientist, Biotechnologist, Environmental Project Officer, Food Technologist, Food Scientist, Nutritionist, Research Scientist, High School Teacher, Soil Scientist, Viticulturalist
Environmental Science	Bachelor of Science Bachelor of Science (EcoChemistry) Bachelor of Science (Evolutionary Biology) Bachelor of Science (Marine Biology) Bachelor of Science (Natural Resources)		Environmental Project Officer, Resource Manager, Ecologist, Environmental Consultant, Environmental Scientist, Biodiversity Assessment Officer
Geology	Bachelor of Science Bachelor of Science (Mineral Geoscience) Bachelor of Science (Petroleum Geoscience)		Petroleum Exploration Worker, Geophysicist, Resource Manager, Environmental Geologist, Mineral Exploration Worker
Physics	Bachelor of Science Bachelor of Science (High Performance Computational Physics) (Honours) Bachelor of Science (Optics & Photonics) Bachelor of Science (Space Science & Astrophysics) Bachelor of Science/Bachelor of Teaching		Space Scientist, Systems Analyst, Geophysicist, Petrophysicist, Communications Analyst, Medical Physicist, Biophysicist, Laser and Photonics Scientist/Engineer, Environmental Scientist, Climate and Ecosystem Modeller, Meteorologist, Hydrologist, Remote Sensing Scientist, Defence Industry Scientist, Intelligence Officer, Research Scientist, High School Teacher

For more information or to organise a visit to your school please contact us: The Faculty of Sciences Phone: 83035673 Email: faculty.sciences@adelaide.edu.au Web: www.sciences.adelaide.edu.au