

TRANSITION FROM THE COLLEGE TO WESTERN SYDNEY UNIVERSITY SPRING 2026

Disclaimer: This suggested study pattern is based on the information currently available and is intended as a general guide only. Students are advised to refer to the official Academic Handbook and consult with the School to confirm their individual study plan.

Guide for students transitioning from 7196 Diploma in Science to 3754 Bachelor of Science

More information on your chosen Bachelor Degree, including the sequence of study, can be found on the [University website](#) or in the [Student Handbook](#).

PATHWAY CREDITS

Your pathway credits are shown below and can be [found online](#).

Upon successful completion of your Diploma, you will receive full credit for the following subjects:

- NATS1019 - Scientific Literacy
- CHEM1008 - Introductory Chemistry
- BIOS1001 - Biodiversity
- BIOS1012 - Cell Biology
- CHEM1012 - Essential Chemistry
- Unspecified Electives - 30 credit points

For registration and academic advice please contact Science@westernsydney.edu.au.

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RECOMMENDED STUDY SEQUENCE AGRICULTURAL SCIENCE MAJOR (T164)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	AGRI1003 - Animal Science HORT2003 - Plant Production NATS3044 - Complex Case Studies in Science HORT3002 - Protected Cropping Technology
2	Autumn	AGRI1011 - Introduction to Agriculture MATH1026 - Quantitative Thinking NATS2042 - Science Research Methods EART2004 - Soils & substrates
3	Spring	AGRI3009 - Agricultural Technology BIOS3036 - Agricultural Biosecurity Select two Elective Subjects
3	Autumn	NATS3055 - Practicum 1 AGRI3005 - Animal Production Select two Elective Subjects

RECOMMENDED STUDY SEQUENCE APPLIED PHYSICS MAJOR (T078)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	MATH1014 - Mathematics 1A PHYS1006 - Physics 2 NATS3044 - Complex Case Studies in Science One Elective Subject
2	Autumn	PHYS1002 - Physics 1 PHYS2004 - Cosmos in Perspective PHYS3006 - Classical Physics One Elective Subject
3	Spring	PHYS3001 - Astroinformatics PHYS3008 - Biomedical Physics MATH1015 - Mathematics 1B PHYS3007 - Quantum Physics
3	Autumn	MATH2001 - Advanced Calculus NATS3055 - Practicum 1 Two Elective Subjects

RECOMMENDED STUDY SEQUENCE ANIMAL SCIENCE MAJOR (T054)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	AGRI2004 - Animal Reproduction AGRI1003 - Animal Science NATS3044 - Complex Case Studies in Science MATH1026 - Quantitative Thinking
2	Autumn	AGRI1009 - Wildlife Studies NATS2042 - Science Research Methods AGRI1005 - Human Animal Interactions NATS3055 - Practicum 1
3	Spring	NATS3056 - Practicum 2 AGEN3001 - Animal Behaviour Select two Elective Subjects
3	Autumn	AGRI3010 - Animal Health and Welfare AGRI3002 - Animal Nutrition and Feeding Select two Elective Subjects

RECOMMENDED STUDY SEQUENCE BIOLOGY MAJOR (T053)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	BIOS3027 - Molecular Biology of the Cell BIOS2006 - Comparative Physiology NATS3044 - Complex Case Studies in Science MATH1026 - Quantitative Thinking
2	Autumn	BIOS2042 - Biochemistry BIOS2022 - Microbiology 1 BIOS2018 - Genetics Select One Elective Subject
3	Spring	BIOS3033 - Applied Bioinformatics BIOS3034 - Molecular Biotechnology Select two Elective Subjects
3	Autumn	NATS3055 - Practicum 1 BIOS3032 - Plant Science Select two Elective Subjects

RECOMMENDED STUDY SEQUENCE CHEMISTRY MAJOR (T026)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	CHEM2010 - Physical Chemistry NATS3044 - Complex Case Studies in Science MATH1026 - Quantitative Thinking Select one elective subject
2	Autumn	CHEM2001 - Analytical chemistry CHEM2008 - Organic chemistry CHEM2006 - Inorganic chemistry NATS3055 - Practicum 1
3	Spring	CHEM3004 - Advanced Organic Chemistry CHEM3001 - Advanced Analytical Chemistry NATS3056 - Practicum 2 Select one elective subject
3	Autumn	CHEM3005 - Advanced Physical Chemistry CHEM3003 - Advanced Inorganic Chemistry Select two Elective Subjects

RECOMMENDED STUDY SEQUENCE ENVIRONMENTAL HEALTH MAJOR (T076)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	ENVL1006 - Environmental Health Issues and Solutions NATS2031 - Toxicology EART3007 - Land Degradation and Contamination ENVL3010 - Environmental Planning, Policy and Regulation
2	Autumn	BIOS1027 - Management of Aquatic Environments MATH1026 - Quantitative Thinking BIOS1035 - Anatomy and Physiology in Health BIOS2022 - Microbiology 1
3	Spring	NATS3045 - Work Internship for Science Professionals NATS3020 - Food Microbiology and Safety PUBH3007 - Disease Prevention and Control PUBH3021 - Air Pollution and Control
3	Autumn	PUBH2010 - Epidemiology NATS3055 - Practicum 1 PUBH3017 - Occupational Health and Safety PUBH3005 - Disaster and Emergency Management

RECOMMENDED STUDY SEQUENCE FOOD SCIENCE & INNOVATION MAJOR (T163)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	NATS2041 - Functionality of Food Ingredients NATS3020 - Food Microbiology and Safety NATS3045 - Complex Case Studies in Science MATH1026 - Quantitative Thinking
2	Autumn	NATS2042 - Science Research Methods PROC1005 - Intro to Food Science and Nutrition Select two Elective subjects
3	Spring	PROC3003 - Food Product Development PROC3007 - Food Innovation and Processing Technologies PROC2002 - Novel Foods Select one Elective Subject
3	Autumn	NATS3055 - Practicum 1 NATS3038 - Quality Assurance and Food Analysis NATS3048 - Food Formulations and Sensory Evaluation Select one Elective subject

RECOMMENDED STUDY SEQUENCE FORENSIC SCIENCE MAJOR (T049)

Note: For information on the Forensic Science Major (T049), please [contact the School](#).

RECOMMENDED STUDY SEQUENCE SUSTAINABLE ENVIRONMENTAL FUTURES MAJOR (T120)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	ENVL1004 - Introduction to Environmental Science BIOS3039 - Ecology (Requires a rule waiver) NATS3044 - Complex Case Studies in Science MATH1026 - Quantitative Thinking
2	Autumn	BIOS1027 - Management of Aquatic Environments NATS2042 - Science Research Methods ENVL2007 - Environmental Monitoring and Assessment EART2001 - Climate Change Science
3	Spring	BIOS3035 - Sustainable Environments EART3006 - Science of the Anthropocene Select two Elective Subjects
3	Autumn	NATS3055 - Practicum 1 AGRI3007 - Water in the Landscape Select two Elective Subjects

RECOMMENDED STUDY SEQUENCE ZOOLOGY MAJOR (T029)

The recommended study sequence for students commencing in Spring semester is:

Year	Semester	Subject Code and Name
2	Spring	BIOS2040 - Invertebrate Zoology BIOS3039 - Ecology (Requires a rule waiver) BIOS2006 - Comparative Physiology NATS3044 - Complex Case Studies in Science
2	Autumn	AGRI1009 - Wildlife Studies NATS2042 - Science Research Methods BIOS2041 - Vertebrate Zoology NATS3055 - Practicum 1
3	Spring	NATS3056 - Practicum 2 AGEN3001 - Animal Behaviour MATH1026 - Quantitative Thinking Select one Elective Subject
3	Autumn	BIOS3026 - Evolution and Genetics Select three Elective Subjects