

# DIPLOMA IN SCIENCE FAST TRACK (7009)

**Approved Abbreviation:** DipSc

**Western Sydney University Program Code:** 7009

**AQF Level:** 5

**CRICOS Code:** 068984D

This program applies to students who commenced in 2017 or later.

This program is designed to engage students in, and further prepare students for, tertiary study in science. It presents students with first year level Bachelor of Science subjects and aims to produce students who are fully prepared for study beyond the first year of the Bachelor of Science degree. It is delivered in a smaller, more supportive learning environment than usually found in first year undergraduate programs.

Students who successfully complete the Diploma in Science Fast Track will articulate into Bachelor of Science or Bachelor of Science (Chemistry or Biological Sciences or Nutrition and Food or Forensic Science or Environmental Science or Zoology) or Bachelor of Medical Science (Medicinal Chemistry or Anatomy and Physiology or Biomedical Science) or Bachelor of Natural Science (Animal Science or Environmental Management) or Bachelor of Medical Science (Forensic Mortuary Practice) at Western Sydney University with up to one year equivalent of advanced standing (80 credit points).

For more information on Western Sydney University, The College, please refer to their web site.

Western Sydney University, The College (<http://www.westernsydney.edu.au/thecollege/>)

## Study Mode

Eight months full-time (two terms) or four terms part-time

## Program Advice

College Admin ([AdminApp@westernsydney.edu.au](mailto:AdminApp@westernsydney.edu.au))

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/future/>) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

## Location

Campus	Attendance	Mode	Advice
The College - Nirimba Education Precinct	Full Time	Internal	See above

## Admission

The aim of the program is to prepare students for tertiary study in Science. The Diploma is accredited by the University, as principal, to enable its agent, Western Sydney University, The College to produce students who are fully prepared for study beyond the first year of a tertiary award.

Local students entering this Diploma are required to have

- Completed an English subject in the NSW Higher School Certificate Or

- Competency in English at IELTS 6.0 equivalent (unless a native speaker) Or
- Passed The College English test at IELTS 6.0 equivalent Or
- Passed The College Foundation Studies Academic English subject at C grade level or higher.

Students are also assumed to have completed some study in Mathematics and Science at senior high school level or its equivalent.

Met other entry requirements such as

- An ATAR identified prior to the offer of a place (the ATAR will be set each year at a level below that for admission for the Bachelor of Science) Or
- Completed The College Foundation Studies program with a Grade Point Average of 6.0 or higher.

International students entering the Diploma must satisfy one of the following language requirements

- IELTS 6.0 with a minimum 5.5 in each sub band Or
- Completed The College EAP 4 program with a 50% pass Or
- Passed The College English test at IELTS 6.0 equivalent Or
- Passed The College Foundation Studies Academic English subject at C grade level or higher.

Students are also assumed to have completed some study in Mathematics and Science at senior high school level or its equivalent.

Academic Entry Requirements vary according to country of origin. However, in general

- Completion of Year 12 or its equivalent is the minimum entry requirement Or
- Completed The College Foundation Studies program with a Grade Point Average of 6.0 or higher.

## Program Structure

Subject	Title	Credit Points
<b>Students must pass the following non-award subject which does not count for credit towards the Diploma</b>		
GEDU 0013	Tertiary Study Skills in Science (WSTC Prep)	0
<b>Students must pass the following subjects</b>		
BIOS 1014	Cell Biology (WSTC)	10
CHEM 1006	Essential Chemistry 2 (WSTC)	10
NATS 1020	Scientific Literacy (WSTC)	10
Select one of the following:		10
CHEM 1009	Introductory Chemistry (WSTC)	
CHEM 1004	Essential Chemistry 1 (WSTC)	
Bachelor of Science (Forensic Science or Chemistry) students must choose CHEM 1004 Essential Chemistry 1 (WSTC)		
Select one of the following:		10
BIOS 1003	Biodiversity (WSTC)	
PHYS 1004	Physics 1 (WSTC)	
Bachelor of Science (Chemistry) and Bachelor of Medical Science (Forensic Mortuary Practice) students must choose PHYS 1004 Physics 1 (WSTC)		
Select one of the following:		10
MATH 1027	Quantitative Thinking (WSTC)	
MATH 1004	Biometry (WSTC)	
Bachelor of Medical Science (Forensic Mortuary Practice) students must choose MATH 1004 Biometry (WSTC)		

Students must also pass two subjects dependent upon the Western Sydney University degree they wish to enter on successful completion of their studies.

### Bachelor of Medical Science (Medicinal Chemistry or Anatomy and Physiology or Biomedical Science) or Bachelor of Medical Science (Forensic Mortuary Practice)

Subject	Title	Credit Points
NATS 1002	Concepts in Human Anatomy (WSTC)	10
NATS 1021	Concepts in Human Physiology (WSTC)	10

### Bachelor of Natural Science (Animal Science or Environmental Management) or Bachelor of Science (Chemistry)

Subject	Title	Credit Points
NATS 2024	Integrated Science (WSTC)	10
BIOS 1031	Resource Sustainability (WSTC)	10

### Bachelor of Science

Subject	Title	Credit Points
NATS 1021	Concepts in Human Physiology (WSTC)	10
NATS 2024	Integrated Science (WSTC)	10

### Bachelor of Science (Forensic Science)

Subject	Title	Credit Points
NATS 1002	Concepts in Human Anatomy (WSTC)	10
NATS 2024	Integrated Science (WSTC)	10

### Bachelor of Science (Biological Sciences)

Subject	Title	Credit Points
NATS 1021	Concepts in Human Physiology (WSTC)	10
Select one of the following:		10
NATS 2024	Integrated Science (WSTC)	
BIOS 1031	Resource Sustainability (WSTC)	

### Bachelor of Science (Nutrition and Food)

Subject	Title	Credit Points
NATS 1021	Concepts in Human Physiology (WSTC)	10
PROC 1003	Food Science 1 (WSTC)	10

### Bachelor of Science (Environmental Science)

Subject	Title	Credit Points
BIOS 1031	Resource Sustainability (WSTC)	10
Select one of the following:		10
NATS 1021	Concepts in Human Physiology (WSTC)	
NATS 2024	Integrated Science (WSTC)	

### Bachelor of Science (Zoology)

Subject	Title	Credit Points
Select two of the following:		20
NATS 2024	Integrated Science (WSTC)	

BIOS 1003 Biodiversity (WSTC)

BIOS 1031 Resource Sustainability (WSTC)

### Replaced Subjects

The subjects listed below count towards completion of this program for students who passed these subjects in 2019 or earlier.

BIOS 1026 - Introduction to Physiology (WSTC), Replaced by  
NATS 1024 Introduction to Physiology (WSTC)