

GRADUATE DIPLOMA IN TEACHING (SECONDARY) STEM (EXIT ONLY) (1853)

Approved Abbreviation: GradDipTeachSecSTEM
Western Sydney University Program Code: 1853
AQF Level: 8

CRICOS Code: 095775M

The Graduate Diploma in Teaching (Secondary) STEM is an exit point on completion of 80 credit points of study selected from the 1848 - Master of Teaching (Secondary) STEM subjects as indicated in the program structure.

1848 - Master of Teaching (Secondary) STEM (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/master-teaching-secondary-stem/>)

Study Mode

One year full-time.

Program Advice

SecondaryEnquiries@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
Penrith Campus	Full Time	Internal	See above
Penrith Campus	Part Time	Internal	See above

Work Integrated Learning

Western Sydney University seeks to enhance student learning experiences by enabling students to engage in the culture, expectations and practices of their profession or discipline. This program includes a placement or other community-based unpaid practical experience.

There is a mandatory work component required for completion of this program. Please contact the Program Advisor listed above for information.

International students should also refer to the link below for more information and a link to the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS).

Work Integrated Learning (WIL) for international students (https://www.westernsydney.edu.au/currentstudents/current_students/services_and_facilities/international_student_support/working_in_australia/work_integrated_learning/)

Admission

This subject is an exit point only from 1848 - Master of Teaching (Secondary) STEM (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/master-teaching-secondary-stem/>)

Program Structure Current

This structure applies to students who commenced in 2024 or later. If you commenced prior to 2024 please refer to the relevant Structure tab for details.

Qualification for this award requires the successful completion of 80 credit points - any eight subjects from the subjects listed below.

Subject	Title	Credit Points
TEAC 7121	STEM foundations	10
TEAC 7032	Diversity, Social Justice and Schooling	10
TEAC 7161	Educational Psychology for Learning and Teaching	10
TEAC 7160	Literacy and Numeracy for Secondary Teaching	10
TEAC 7082	Pedagogy for Positive Learning Environments	10
TEAC 7154	Professional Experience 1 and Pedagogy	10
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
TEAC 7153	Creating Inclusive Classrooms: Perspectives on Theory, Policy, and Practice	10
TEAC 5040	Digital Literacies in Education	10
TEAC 7155	Professional Experience 2	10
TEAC 7116	Researching STEM Education for Future Leadership	10
TEAC 7108	Professional Practice Community Engagement	10
TEAC 5019	Mathematics Curriculum 1	10
TEAC 5032	Science Curriculum 1	10
TEAC 5036	Technology Curriculum 1	10
TEAC 5020	Mathematics Curriculum 2	10
TEAC 5033	Science Curriculum 2	10
TEAC 5037	Technology Curriculum 2	10
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	10
TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	10

Structure 2022-23

This structure applies to students who commenced in 2022-2023. If you commenced in 2024 or later, please refer to the relevant Structure tab for details.

Qualification for this award requires the successful completion of 80 credit points - any eight subjects from the subjects listed below.

Subject	Title	Credit Points
TEAC 7121	STEM foundations	10
TEAC 7161	Educational Psychology for Learning and Teaching	10
TEAC 7032	Diversity, Social Justice and Schooling	10
TEAC 7160	Literacy and Numeracy for Secondary Teaching	10
TEAC 7120	STEM Pedagogies in Practice	10
TEAC 7082	Pedagogy for Positive Learning Environments	10
TEAC 7154	Professional Experience 1 and Pedagogy	10
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
TEAC 7153	Creating Inclusive Classrooms: Perspectives on Theory, Policy, and Practice	10
TEAC 7155	Professional Experience 2	10
TEAC 7116	Researching STEM Education for Future Leadership	10

TEAC 7108	Professional Practice Community Engagement	10
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Students who have satisfied the NESA undergraduate subject content requirements, can undertake the following Curriculum subjects.

Autumn offerings

TEAC 5019	Mathematics Curriculum 1	10
TEAC 5021	Mathematics Curriculum 3	10
TEAC 5032	Science Curriculum 1	10
TEAC 5034	Science Curriculum 3	10
TEAC 5036	Technology Curriculum 1	10
TEAC 5038	Technology Curriculum 3	10

Spring offerings

TEAC 5020	Mathematics Curriculum 2	10
TEAC 5022	Mathematics Curriculum 4	10
TEAC 5033	Science Curriculum 2	10
TEAC 5035	Science Curriculum 4	10
TEAC 5037	Technology Curriculum 2	10
TEAC 5039	Technology Curriculum 4	10

Equivalent Subjects

The subject listed below count towards completion of this program for students who passed these subjects in 2023 or earlier.

TEAC 7004 Adolescent Development and Teaching, replaced by TEAC 7161 (<https://hbook.westernsydney.edu.au/archives/2024-2025/search/?P=TEAC%207161>) Educational Psychology for Learning and Teaching

Replaced Subjects

The subjects listed below counts towards completion of this program for students who passed the subjects in 2023 or earlier.

TEAC 7027 Designing Teaching and Learning, replaced by TEAC 7160 (<https://hbook.westernsydney.edu.au/archives/2024-2025/search/?P=TEAC%207160>) Literacy and Numeracy for Secondary Teaching