MASTER OF TEACHING (SECONDARY) STEM (1848)

Approved Abbreviation: MTeach(Sec)STEM
Western Sydney University Program Code: 1848
AQF Level: 9

CRICOS Code: 095774A

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

Students should follow the program structure for the session start date relevant to the year they commenced.

For Commencement Year 2018 to 2021 - please refer to 1848.1 Master of Teaching (Secondary) STEM (http://handbook.westernsydney.edu.au/hbook/course.aspx?course=1848.1)

The Master of Teaching (Secondary) STEM program is an accredited teaching qualification for students possessing an appropriate bachelor's degree in a secondary subject area. It prepares graduates for careers in secondary school settings in science, technology, engineering and mathematics (STEM) in NSW, other Australian states and internationally. The degree provides deep engagement in secondary STEM education, focusing on innovative and evidence-based approaches to teaching and learning and development of strong pedagogical content knowledge in STEM. It prepares students for their teaching career by emphasising pedagogical approaches and culturally responsive teaching practices that enable diverse learners to access learning experiences, effective classroom management practices, and using assessment and feedback to guide and enhance student learning. Graduates meet the Australian Professional Standards for Teachers, required for registration with the NSW Education Standards Authority (NESA). The Graduate Diploma in Teaching (Secondary) STEM is an early exit point for students not seeking an accredited teaching qualification.

Program Logic

The Program Logic is embedded throughout all Initial Teacher Education programs at Western Sydney University. It explains how each subject contributes to the journey to become a Graduate Teacher. The Program Logic includes three phases: Foundation, Development and Transition. In each of these phases, pre-service teachers develop essential knowledge and skills by learning about evidence-based pedagogies and practices, enabling their successful transition to teaching.

Foundation: Pre-service teachers will develop fundamental knowledge, skills, and attributes to support the beginning of their journey to become a teacher.

Development: Pre-service teachers will strengthen their pedagogical content knowledge, understanding of classroom management, and evidence-based pedagogical practices.

Transition: Pre-service teachers will consolidate and apply the knowledge, skills, and attributes required for success as a Graduate Teacher, using evidence to inform and strengthen pedagogical practice.

Early Exit

Students may exit this program on completion of 80 credit points with a 1853 Graduate Diploma in Teaching (Secondary) STEM (exit only) (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/graduate-diploma-teaching-secondary-stem-exit-only/)

Study Mode

Two years 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

Accreditation

The Master of Teaching (Secondary) STEM is a professional teaching qualification for students possessing an appropriate bachelor's degree. It has been fully accredited by the NSW Education Standards Authority (NESA). Graduates meet the Australian Professional Standards for Graduate Teachers.

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

Admission for 2022

Applicants must have successfully completed an undergraduate degree in the disciplines of science, technology, engineering and/or mathematics (STEM) and these subjects must match with the secondary STEM subject content requirements of the NSW Education Standards Authorities (NESA).

NESA Subject Content Knowledge Requirements (https://educationstandards.nsw.edu.au/wps/wcm/connect/1bea4323-19a6-4af6-b657-95ae4cea954b/subject-content-knowledge-requirements-policy.pdf?MOD=AJPERES&CVID)

Where these undergraduate STEM study requirements are not met, applicants may be offered concurrent enrolment in up to four undergraduate subjects of study. (Please note: from 2023 this requirement is no longer available)

Applicants must have a minimum GPA of 5 in undergraduate study.

Applicants are required to successfully complete the non-academic capability assessment.

Additional Information for Applicants

Applicants are required to commit to attend a school two days per week during each semester in order to complete the Professional Experience in schools' requirement, in addition to lectures and tutorials.

Current students transitioning from Western Sydney Bachelor of Science (Pathway to Teaching Secondary/Primary) are required to meet all of the above admission requirements.

Applications from Australian and New Zealand citizens and holders of permanent resident visas may be made via the Universities Admissions Centre (UAC) or directly through the Western Portal. Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

http://www.uac.edu.au/
https://westernsydney.uac.edu.au/ws/

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

International students currently completing an Australian Year 12 in or outside Australia, an International Baccalaureate in Australia or a New Zealand National Certificate of Educational Achievement (NCEA) level 3 must apply via UAC International.

http://www.uac.edu.au/

All other International applicants must apply directly to the University via the International Office.

International students applying to the University through the International Office can find details of minimum English proficiency requirements and acceptable proof on their website.

International Office (http://www.westernsydney.edu.au/international/)

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

International students who did not complete their undergraduate degree in Australia must also meet English Language proficiency requirements and must provide evidence to satisfy the Australian Institute for Teaching and School Leadership (AITSL) as in the following

- An Academic version of the International English Language Testing System (IELTS) Test Report Form (TRF) that shows an overall score of at least 7.5 and:
- a score of at least 7.0 for Reading and Writing; and
- a score of at least 8.0 for Speaking and Listening.
- The IELTS test scores must appear on a single IELTS TRF and be the result of a test undertaken during the 12-month period prior to submitting an application.

Or

An applicant has completed study assessed by AITSL as comparable to at least four years of full-time (or part-time equivalent) higher education (university) study, that results in a qualification/s comparable to the education level of an Australian bachelor degree or higher (must include a recognised initial teacher education qualification) undertaken in Australia, Canada, the Republic of Ireland, New Zealand, the United Kingdom or the United States. Details of acceptable proof are available on the University's International website

English Language Entry Requirements (https://www.westernsydney.edu.au/international/home/apply/admissions/entry_requirements/)

Admission from 2023

Applicants must have successfully completed an undergraduate degree in the disciplines of science, technology, engineering and/or mathematics (STEM) and these subjects must match with the secondary STEM subject content requirements of the NSW Education Standards Authorities (NESA).

NESA Subject Content Knowledge Requirements (https://educationstandards.nsw.edu.au/wps/wcm/connect/1bea4323-19a6-4af6-b657-95ae4cea954b/subject-content-knowledge-requirements-policy.pdf?MOD=AJPERES&CVID)

Applicants must have achieved a minimum GPA of 4 in their undergraduate study. Current students transitioning from approved Western Sydney Pathway to Teaching programs are not included in this GPA requirement.

Applicants are required to successfully complete the non-academic capability assessment.

Additional Information for Applicants

Applicants are required to commit to attend a school two days per week during each semester in order to complete the Professional Experience in schools' requirement, in addition to lectures and tutorials.

Current students transitioning from:

- Bachelor of Science (Pathway to Teaching Primary/Secondary),
- Bachelor of Science – Pathway to Teaching (Secondary),
- Bachelor of Graphic Design (Pathway to Teaching Secondary),
- Diploma in Design/Bachelor of Graphic Design (Pathway to Teaching Secondary)

are required to meet all of the above admission requirements.

Applications from Australian and New Zealand citizens and holders of permanent resident visas may be made via the Universities Admissions Centre (UAC) or directly through the Western Portal. Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

http://www.uac.edu.au/
https://westernsydney.uac.edu.au/ws/

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

International students currently completing an Australian Year 12 in or outside Australia, an International Baccalaureate in Australia or a New Zealand National Certificate of Educational Achievement (NCEA) level 3 must apply via UAC International.

http://www.uac.edu.au/

All other International applicants must apply directly to the University via the International Office.

International students applying to the University through the International Office can find details of minimum English proficiency requirements and acceptable proof on their website.

International Office (http://www.westernsydney.edu.au/international/)

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

International students who did not complete their undergraduate degree in Australia must also meet English Language proficiency requirements and must provide evidence to satisfy the Australian Institute for Teaching and School Leadership (AITSL) as in the following

- An Academic version of the International English Language Testing System (IELTS) Test Report Form (TRF) that shows an overall score of at least 7.5 and:
- a score of at least 7.0 for Reading and Writing; and
- a score of at least 8.0 for Speaking and Listening.
- The IELTS test scores must appear on a single IELTS TRF and be the result of a test undertaken during the 12-month period prior to submitting an application.

Or

An applicant has completed study assessed by AITSL as comparable to at least four years of full-time (or part-time equivalent) higher education (university) study, that results in a qualification/s comparable to the education level of an Australian bachelor degree or higher (must include a recognised initial teacher education qualification) undertaken in Australia, Canada, the Republic of Ireland, New Zealand, the United Kingdom or the United States. Details of acceptable proof are available on the University's International website

English Language Entry Requirements (https://www.westernsydney.edu.au/international/home/apply/admissions/entry_requirements/)

Special Requirements Prerequisites

Prior to enrolling in subjects TEAC 7108 Professional Practice Community Engagement, TEAC 7154 Professional Experience 1 and Pedagogy, TEAC 7155 Professional Experience 2, students must:

- Satisfactorily complete the two components of the NSW Department of Education's Child Protection Awareness Training (CPAT)
- Satisfactorily complete the two components of the Working with Children Check (WWCC)
- Satisfactorily complete ASCIA Anaphylaxis e-training
- From 2H/Spring 2022, students must be COVID-19 fully vaccinated as per the NSW Public Health Order and NSW Department of Education requirement. **(Please note: from 2023 this requirement has been removed)**

Link to Child Protection Awareness Training, Working with Children Check, COVID-19 and Anaphylaxis training (https://www.westernsydney.edu.au/schools/soed/special_requirements/)

QuEST – NON-ACADEMIC CAPABILITIES SELECTION
Students with an offer to enrol in an accredited initial teacher education program are required to complete an online interview to assess your capabilities, in other words, your talents and personal attributes that are relevant to the teaching profession. Western Sydney University refer to this compulsory assessment as QuEST about which you will receive an email prior to the start of the teaching session.

Refer to the Australian Institute for Teaching and Leadership (AITSL) (https://www.aitsl.edu.au/) website for more information and the Selection Guidelines: Factsheet.

Additional Requirement (no longer required from 2024)
Satisfactorily complete the School of Education Academic Literacy TASK and Numeracy TASK for:

TEAC 7154 Professional Experience 1 and Pedagogy

Program Completion Prerequisites

Prior to enrolling in TEAC 7155 Professional Experience 2 students must have:

- Satisfactorily completed the national Literacy and Numeracy TEST which pre-service teachers are required to pass prior to their final professional experience placement (NSW Education Standards Authority (NESA)).

Link to National Literacy and Numeracy TEST (https://www.westernsydney.edu.au/schools/soed/special_requirements/)

Credit For Prior Learning

Articulation Agreement for BBI-TAITE Graduate Certificate in Religious Education

Students are eligible for admission to the Graduate Certificate in Religious Education at BBI-TAITE while enrolled in 1848 Master of Teaching (Secondary) STEM. This qualification delivered by an external provider enables graduates to teach religious education in Catholic schools. Students may be eligible for Credit for Prior Learning for subjects completed at BBI-TAITE towards alternate subjects in 1848 Master of Teaching (Secondary) STEM. This will depend on the number of alternate subjects available in the students program version.

Recommended Sequence Current

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

Qualification for this award requires the successful completion of 160 credit points as per recommended sequence below.

Start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
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
	Credit Points	**40**
Spring session		
TEAC 7082	Pedagogy for Positive Learning Environments	10
TEAC 7153	Creating Inclusive Classrooms: Perspectives on Theory, Policy, and Practice	10
TEAC 5040	Digital Literacies in Education	10

TEAC 7108	Professional Practice Community Engagement	10
Students may exit at this point with a Graduate Diploma in Teaching (Secondary) STEM after the successful completion of 80 credit points of study. [1]		
	Credit Points	**40**
Year 2		
Autumn session		
TEAC 7154	Professional Experience 1 and Pedagogy	10
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
Students who have satisfied the NESA undergraduate subject content requirements for two teaching areas undertake their two applicable Curriculum subjects from the below list		20
TEAC 5019	Mathematics Curriculum 1	
TEAC 5032	Science Curriculum 1	
TEAC 5036	Technology Curriculum 1	
If students have satisfied NESA subject content requirements for one teaching area, they will take one Alternate subject with one applicable Curriculum subject from the above list.		
Alternate subjects		
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	
TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	
	Credit Points	**40**
Spring session		
TEAC 7155	Professional Experience 2	10
TEAC 7116	Researching STEM Education for Future Leadership	10
Students who have satisfied the NESA undergraduate subject content requirements for two teaching areas undertake their two applicable Curriculum subjects from the below list		20
TEAC 5020	Mathematics Curriculum 2	
TEAC 5033	Science Curriculum 2	
TEAC 5037	Technology Curriculum 2	
If students have satisfied NESA subject content requirements for one teaching area, they will take one Alternate subject with one applicable Curriculum subject from the above list.		
Alternate subjects		
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	
TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	
	Credit Points	**40**
	Total Credit Points	**160**

[1] Graduate Diploma in Teaching (Secondary) STEM (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/graduate-diploma-teaching-secondary-stem-exit-only/)

Start-year intake Accelerated mode

Note: Students with a GPA 5 on commencement of the program will be invited to enrol in the accelerated mode. A GPA of 5 must be maintained to continue in the accelerated mode after entry.

Course	Title	Credit Points
Year 1		
Autumn session		
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 7121	STEM foundations	10
TEAC 7108	Professional Practice Community Engagement	10
	Credit Points	**50**
Spring session		
TEAC 7154	Professional Experience 1 and Pedagogy	10
TEAC 7082	Pedagogy for Positive Learning Environments	10
TEAC 7116	Researching STEM Education for Future Leadership	10
Students who have satisfied the NESA undergraduate subject content requirements for two teaching areas undertake their two applicable Curriculum subjects from the below list		20
TEAC 5020	Mathematics Curriculum 2	
TEAC 5033	Science Curriculum 2	
TEAC 5037	Technology Curriculum 2	
If students have satisfied NESA subject content requirements for one teaching area, they will take one Alternate subject with one applicable Curriculum subject from the above list.		
Alternate subjects		
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	
TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	
	Credit Points	**50**
Summer session		
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
TEAC 7153	Creating Inclusive Classrooms: Perspectives on Theory, Policy, and Practice	10
	Credit Points	**20**
Year 2		
Autumn session		
TEAC 7155	Professional Experience 2	10
TEAC 5040	Digital Literacies in Education	10
Students who have satisfied the NESA undergraduate subject content requirements for two teaching areas undertake their two applicable Curriculum subjects from the below list		20
TEAC 5019	Mathematics Curriculum 1	
TEAC 5032	Science Curriculum 1	
TEAC 5036	Technology Curriculum 1	
If students have satisfied NESA subject content requirements for one teaching area, they will take one Alternate subject with one applicable Curriculum subject from the above list.		
Alternate subjects		
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	

TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	
	Credit Points	**40**
	Total Credit Points	**160**

Mid-year intake

Course	Title	Credit Points
Year 1		
Spring session		
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 5040	Digital Literacies in Education	10
	Credit Points	**40**
Autumn session		
TEAC 7082	Pedagogy for Positive Learning Environments	10
TEAC 7121	STEM foundations	10
TEAC 7108	Professional Practice Community Engagement	10
TEAC 7153	Creating Inclusive Classrooms: Perspectives on Theory, Policy, and Practice	10
Students may exit at this point with a Graduate Diploma in Teaching (Secondary) STEM after the successful completion of 80 credit points of study.		
	Credit Points	**40**
Year 2		
Spring session		
TEAC 7116	Researching STEM Education for Future Leadership	10
TEAC 7154	Professional Experience 1 and Pedagogy	10
Students who have satisfied the NESA undergraduate subject content requirements for two teaching areas undertake their two applicable Curriculum subjects from the below list		20
TEAC 5020	Mathematics Curriculum 2	
TEAC 5033	Science Curriculum 2	
TEAC 5037	Technology Curriculum 2	
If students have satisfied NESA subject content requirements for one teaching area, they will take one Alternate subject with one applicable Curriculum subject from the above list.		
Alternate subjects		
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	
TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	
	Credit Points	**40**
Autumn session		
TEAC 7155	Professional Experience 2	10
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
Students who have satisfied the NESA undergraduate subject content requirements for two teaching areas undertake their two applicable Curriculum subjects from the below list		20
TEAC 5019	Mathematics Curriculum 1	
TEAC 5032	Science Curriculum 1	
TEAC 5036	Technology Curriculum 1	
If students have satisfied NESA subject content requirements for one teaching area, they will take one Alternate subject with one applicable Curriculum subject from the above list.		
Alternate subjects		
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	
TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	
	Credit Points	**40**
	Total Credit Points	**160**

Mid-year intake Accelerated mode

Note: Students with a GPA 5 on commencement of the program will be invited to enrol in the accelerated mode. A GPA of 5 must be maintained to continue in the accelerated mode after entry.

Course	Title	Credit Points
Year 1		
Spring session		
TEAC 7108	Professional Practice Community Engagement	10
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
	Credit Points	**50**
Summer session		
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
TEAC 7153	Creating Inclusive Classrooms: Perspectives on Theory, Policy, and Practice	10
	Credit Points	**20**
Autumn session		
TEAC 5040	Digital Literacies in Education	10
TEAC 7154	Professional Experience 1 and Pedagogy	10
TEAC 7082	Pedagogy for Positive Learning Environments	10
Students who have satisfied the NESA undergraduate subject content requirements for two teaching areas undertake their two applicable Curriculum subjects from the below list		20
TEAC 5019	Mathematics Curriculum 1	
TEAC 5032	Science Curriculum 1	
TEAC 5036	Technology Curriculum 1	
If students have satisfied NESA subject content requirements for one teaching area, they will take one Alternate subject with one applicable Curriculum subject from the above list.		
Alternate subjects		
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	
TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	
	Credit Points	**50**

Year 2		
Spring session		
TEAC 7116	Researching STEM Education for Future Leadership	10
TEAC 7155	Professional Experience 2	10
Students who have satisfied the NESA undergraduate subject content requirements for two teaching areas undertake their two applicable Curriculum subjects from the below list		20
TEAC 5020	Mathematics Curriculum 2	
TEAC 5033	Science Curriculum 2	
TEAC 5037	Technology Curriculum 2	
If students have satisfied NESA subject content requirements for one teaching area, they will take one Alternate subject with one applicable Curriculum subject from the above list.		
Alternate subjects		
TEAC 7152	Applied Robotics and Programming in Secondary STEM Education	
TEAC 7151	Applied Mathematics and Science in Secondary STEM Education	
	Credit Points	**40**
	Total Credit Points	**160**

Recommended Sequence 2022-2023

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

Qualification for this award requires the successful completion of 160 credit points as per recommended sequence below.

Start-year intake

Course	Title	Credit Points
Year 1		
Autumn session		
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
	Credit Points	**40**
Spring session		
TEAC 7082	Pedagogy for Positive Learning Environments	10
TEAC 7154	Professional Experience 1 and Pedagogy	10
Students who have satisfied the NESA undergraduate subject content requirements undertake two of the following Curriculum subjects		20
TEAC 5020	Mathematics Curriculum 2	
TEAC 5022	Mathematics Curriculum 4	
TEAC 5033	Science Curriculum 2	
TEAC 5035	Science Curriculum 4	
TEAC 5037	Technology Curriculum 2	
TEAC 5039	Technology Curriculum 4	

Students may exit at this point with a Graduate Diploma in Teaching (Secondary) STEM after the successful completion of 80 credit points of study. Note only students who have completed the subjects as the progression pattern indicated above, may exit with the Graduate Diploma in Teaching (Secondary) STEM. Note you cannot complete any curriculum subjects without meeting the pre-requisites. [1]

	Credit Points	**40**
Summer A session		
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
	Credit Points	**10**
Year 2		
Autumn session		
TEAC 7120	STEM Pedagogies in Practice	10
Students who have satisfied the NESA undergraduate subject content requirements undertake two of the following Curriculum subjects		20
TEAC 5019	Mathematics Curriculum 1	
TEAC 5021	Mathematics Curriculum 3	
TEAC 5032	Science Curriculum 1	
TEAC 5034	Science Curriculum 3	
TEAC 5036	Technology Curriculum 1	
TEAC 5038	Technology Curriculum 3	
	Credit Points	**30**
Spring session		
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
	Credit Points	**40**
	Total Credit Points	**160**

[1] Graduate Diploma in Teaching (Secondary) STEM (https://hbook.westernsydney.edu.au/archives/2024-2025/programs/graduate-diploma-teaching-secondary-stem-exit-only/)

Start-year intake Accelerated mode

Note: Students with a GPA 5 on commencement of the program will be invited to enrol in the accelerated mode. A GPA of 5 must be maintained to continue in the accelerated mode after entry.

Course	Title	Credit Points
Year 1		
Autumn session		
TEAC 7121	STEM foundations	10
TEAC 7032	Diversity, Social Justice and Schooling	10
TEAC 7153	Creating Inclusive Classrooms: Perspectives on Theory, Policy, and Practice	10
TEAC 7161	Educational Psychology for Learning and Teaching	10
TEAC 7160	Literacy and Numeracy for Secondary Teaching	10
	Credit Points	**50**

Spring session		
TEAC 7082	Pedagogy for Positive Learning Environments	10
TEAC 7154	Professional Experience 1 and Pedagogy	10
TEAC 7116	Researching STEM Education for Future Leadership	10
Students who have satisfied the NESA undergraduate subject content requirements undertake two of the following Curriculum subjects		20
TEAC 5020	Mathematics Curriculum 2	
TEAC 5022	Mathematics Curriculum 4	
TEAC 5033	Science Curriculum 2	
TEAC 5035	Science Curriculum 4	
TEAC 5037	Technology Curriculum 2	
TEAC 5039	Technology Curriculum 4	
	Credit Points	**50**
Summer A session		
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
	Credit Points	**10**
Year 2		
Autumn session		
TEAC 7155	Professional Experience 2	10
TEAC 7120	STEM Pedagogies in Practice	10
TEAC 7108	Professional Practice Community Engagement	10
Students who have satisfied the NESA undergraduate subject content requirements undertake two of the following Curriculum subjects		20
TEAC 5019	Mathematics Curriculum 1	
TEAC 5021	Mathematics Curriculum 3	
TEAC 5032	Science Curriculum 1	
TEAC 5034	Science Curriculum 3	
TEAC 5036	Technology Curriculum 1	
TEAC 5038	Technology Curriculum 3	
	Credit Points	**50**
	Total Credit Points	**160**

Mid-year intake

Course	Title	Credit Points
Year 1		
Spring session		
TEAC 7108	Professional Practice Community Engagement	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
	Credit Points	**40**
Autumn session		
TEAC 7121	STEM foundations	10
TEAC 7082	Pedagogy for Positive Learning Environments	10
Students who have satisfied the NESA undergraduate subject content requirements undertake two of the following Curriculum subjects		20
TEAC 5019	Mathematics Curriculum 1	
TEAC 5021	Mathematics Curriculum 3	
TEAC 5032	Science Curriculum 1	
TEAC 5034	Science Curriculum 3	
TEAC 5036	Technology Curriculum 1	
TEAC 5038	Technology Curriculum 3	
Students may exit at this point with a Graduate Diploma in Teaching (Secondary) STEM after the successful completion of 80 credit points of study. Note only students who have completed the subjects as the progression pattern indicated above, may exit with the Graduate Diploma in Teaching (Secondary) STEM. Note you cannot complete any curriculum subjects without meeting the pre-requisites.		
	Credit Points	**40**
Year 2		
Spring session		
TEAC 7154	Professional Experience 1 and Pedagogy	10
TEAC 7116	Researching STEM Education for Future Leadership	10
Students who have satisfied the NESA undergraduates subject content requirements undertake two of the following curriculum subjects		20
TEAC 5020	Mathematics Curriculum 2	
TEAC 5022	Mathematics Curriculum 4	
TEAC 5033	Science Curriculum 2	
TEAC 5035	Science Curriculum 4	
TEAC 5037	Technology Curriculum 2	
TEAC 5039	Technology Curriculum 4	
	Credit Points	**40**
Autumn session		
TEAC 7120	STEM Pedagogies in Practice	10
TEAC 7153	Creating Inclusive Classrooms: Perspectives on Theory, Policy, and Practice	10
TEAC 7155	Professional Experience 2	10
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
	Credit Points	**40**
	Total Credit Points	**160**

Mid-year intake Accelerated mode

Note: Students with a GPA 5 on commencement of the program will be invited to enrol in the accelerated mode. A GPA of 5 must be maintained to continue in the accelerated mode after entry.

Course	Title	Credit Points
Year 1		
Spring session		
TEAC 7108	Professional Practice Community Engagement	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 7121	STEM foundations	10
	Credit Points	**50**

Summer A session		
TEAC 7001	Aboriginal & Culturally Responsive Pedagogies	10
	Credit Points	**10**
Autumn session		
TEAC 7082	Pedagogy for Positive Learning Environments	10
TEAC 7120	STEM Pedagogies in Practice	10
TEAC 7154	Professional Experience 1 and Pedagogy	10
Students who have satisfied the NESA undergraduate subject content requirements undertake two of the following Curriculum subjects		20
TEAC 5019	Mathematics Curriculum 1	
TEAC 5021	Mathematics Curriculum 3	
TEAC 5032	Science Curriculum 1	
TEAC 5034	Science Curriculum 3	
TEAC 5036	Technology Curriculum 1	
TEAC 5038	Technology Curriculum 3	
	Credit Points	**50**
Year 2		
Spring session		
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
Students who have satisfied the NESA undergraduates subject content requirements undertake two of the following curriculum subjects		20
TEAC 5020	Mathematics Curriculum 2	
TEAC 5022	Mathematics Curriculum 4	
TEAC 5033	Science Curriculum 2	
TEAC 5035	Science Curriculum 4	
TEAC 5037	Technology Curriculum 2	
TEAC 5039	Technology Curriculum 4	
	Credit Points	**50**
	Total Credit Points	**160**

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 Teachin