



UTS Faculty of Arts and Social Sciences C10404 Bachelor of Science Master of Teaching in Secondary Education

Physical Sciences – Mathematics Mathematic + Chemistry Major

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Year 1 Autumn Session 33130 Mathematics 1 37181 Discrete Mathematics 65111 Chemistry 1 68101 Physics 1	Cr Pts 6 6 6 6	1 st year
Year 1 Spring Session 65212 Chemistry 2 68201 Physics 2 33230 Mathematics 2 60006 Scientific Perspectives for Global Issues	6 6 6	1 st year
Year 2 Autumn and Autumn D Session 65306 Analyitical Chemistry 1 013238 Mathematics Teaching Methods 1 010047 Literacy and Numeracy Across the Curriculum 010048 Professional Learning (20 days placement)	6 6 6	2 nd year
Year 2 Spring and Spring D Session 35007 Real Analysis 37336 Vector Calculus and Partial Differential Equations 65409 Analytical Chemistry 2 010049 Understanding and Engaging Adolescent Learners	6 6 6 6	2 nd year
Year 3 Autumn and Autumn D Session 37234 Complex Analysis 65202 Organic Chemistry 1 013243 Science Teaching Methods 1 013241 Professonal Experience Teaching Practice 1 (6 weeks placement)	6 6 6	3 rd year
Year 3 Spring and Spring D Session 65508 Organic Chemistry 2 Select 6cp from the following STM91907 013239 Mathematics Teaching Method 2 013244 Chemisty Teaching Method 2	6 6 6 6	3 rd year
Year 4 Autumn D Session 013404 Inclusive Education 013407 Resetting the Future: Indigenous Australian Education 013240 Mathematics Teaching Method 3 Electives (Select 6cp from CBK90869)	6 6 6	4 th year
Year 4 Spring D Session 013242 Professional Experience Teaching Practice 2 (6 week placement) 013408 Teaching and Learning with Digital Technologies 010046 Learning Futures: Teaching for Complexity and Diversity Electives (Select 6cp from CBK90869)	6 6 6 6	4 th year

Please note that Calendar D subjects are in green coloured font to highlight different calendars.

- CBK91927 Specialist Chioce: MAJ07134 Mathematics and Mathematics/Physics
- CBK91926 Stream Choice: STM91497 Physical Sciences Mathematics

Mathematic + Physics Major

Year 1 Autumn Session 33130 Mathematics 1 37181 Discrete Mathematics 65111 Chemistry 1 68101 Physics 1	Cr Pts 6 6 6 6	1 st year
Year 1 Spring Session 65212 Chemistry 2 68201 Physics 2 33230 Mathematics 2 60006 Scientific Perspectives for Global Issues	6 6 6	1 st year
Year 2 Autumn and Autumn D Session 68414 Advanced Mechanics 013238 Mathematics Teaching Methods 1 010047 Literacy and Numeracy Across the Curriculum 010048 Professional Learning (20 days placement)	6 6 6	2 nd year
Year 2 Spring and Spring D Session 35007 Real Analysis 68206 Optics 68413 Quantum Physics 010049 Understanding and Engaging Adolescent Learners	6 6 6 6	2 nd year
Year 3 Autumn and Autumn D Session 37234 Complex Analysis 37233 Linear Algebra Select 6cp from the following STM91907 013243 Science Teaching Methods 1	6 6 6	3 rd year
Year 3 Spring and Spring D Session 68606 Solid-state Science and Quantum Devices 013239 Mathematics Teaching Method 2 013179 Physics Teaching Method 2 013241 Professonal Experience Teaching Practice 1 (6 weeks placement)	6 6 6	3 rd year
Year 4 Autumn D Session 013404 Inclusive Education 013407 Resetting the Future: Indigenous Australian Education 013240 Mathematics Teaching Methods 3 Electives (Select 6cp from CBK90869)	6 6 6	4 th year
Year 4 Spring D Session 013242 Professional Experience Teaching Practice 2 (6 week placement) 013408 Teaching and Learning with Digital Technologies 010046 Learning Futures: Teaching for Complexity and Diversity Electives (Select 6cp from CBK90869	6 6 6	4 th year

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Mathematic Major + Physics Combination

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Year 1 Autumn Session	Cr Pts	
33130 Mathematics 1	6	
37181 Discrete Mathematics	6	1st year
65111 Chemistry 1	6	,
68101 Physics 1	6	
Year 1 Spring Session		
65212 Chemistry 2	6	
68201 Physics 2	6	1 st year
33230 Mathematics 2	6	i yeai
60006 Scientific Perspectives for Global Issues	6	
Year 2 Autumn and Autumn D Session		
68414 Advanced Mechanics	6	
013238 Mathematics Teaching Methods 1	6	ond
010047 Literacy and Numeracy Across the Curriculum		2 nd year
010048 Professional Learning (20 days placement)	6	
	6	
Year 2 Spring and Spring D Session		
35007 Real Analysis	6	
37336 Vector Calculus and Partial Differential Equations	6	2 nd year
68206 Optics	6	2 year
010049 Understanding and Engaging Adolescent Learners	6	
Year 3 Autumn and Autumn D Session		
37234 Complex Analysis	6	
Select 6cp from the following STM91903	6	Ord v.com
013434 Science Teaching Methods 1	6	3 rd year
013241 Professonal Experience Teaching Practice 1 (6 weeks placement)	6	
Year 3 Spring and Spring D Session		
Select 6cp from the following STM91907	6	
Select 6cp from the following STM91903	6	ard
013239 Mathematics Teaching Method 2	6	3 rd year
013180 Physics Teaching Method 2	6	
Year 4 Autumn and Autumn D Session		
013404 Inclusive Education	6	
013407 Resetting the Future: Indigenous Australian Education	6	***
013240 Mathematics Teaching Methods 3	6	4 th year
Electives (Select 6cp from CBK92040)	6	
Year 4 Spring and Spring D Session	-	
013242 Professional Experience Teaching Practice 2 (6 week placement)	6	
013242 Professional Experience reaching Practice 2 to week placement) 013408 Teaching and Learning with Digital Technologies	6	
010046 Learning Futures: Teaching for Complexity and Diversity	6	4 th year
Electives (Select 6cp from CBK92040)	6	-
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