

UTS Faculty of Arts and Social Sciences
C10404 Bachelor of Science Master of Teaching
in Secondary Education
Physical Sciences – Mathematics
Mathematic + Chemistry 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 6	1 st year
Year 2 Autumn and Autumn D Session 65306 Analytical Chemistry 1 013238 Mathematics Teaching Methods 1 010047 Literacy and Numeracy Across the Curriculum 010048 Professional Learning (20 days placement)	6 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 Professional Experience Teaching Practice 1 (6 weeks placement)	6 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 Chemistry 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 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 Choice: 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 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 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 Professional Experience Teaching Practice 1 (6 weeks placement)	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 Methods 3 Electives (Select 6cp from CBK90869)	6 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

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

Mathematic Major + Physics Combination

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 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 6	2 nd year
Year 2 Spring and Spring D Session 35007 Real Analysis 37336 Vector Calculus and Partial Differential Equations 68206 Optics 010049 Understanding and Engaging Adolescent Learners	6 6 6 6	2 nd year
Year 3 Autumn and Autumn D Session 37234 Complex Analysis Select 6cp from the following STM91903 013434 Science Teaching Methods 1 013241 Professional Experience Teaching Practice 1 (6 weeks placement)	6 6 6 6	3 rd year
Year 3 Spring and Spring D Session Select 6cp from the following STM91907 Select 6cp from the following STM91903 013239 Mathematics Teaching Method 2 013180 Physics Teaching Method 2	6 6 6 6	3 rd year
Year 4 Autumn and Autumn D Session 013404 Inclusive Education 013407 Resetting the Future: Indigenous Australian Education 013240 Mathematics Teaching Methods 3 Electives (Select 6cp from CBK92040)	6 6 6 6	4 th year
Year 4 Spring and 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 CBK92040)	6 6 6 6	4 th year

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