

UTS Faculty of Arts and Social Sciences  
 C10404 Bachelor of Science Master of Teaching  
 in Secondary Education  
 Physical Sciences – Chemistry and Physics  
 Chemistry Major

<b>Year 1 Autumn Session</b> 33130 Mathematics 1 60006 Scientific Perspectives for Global Issues 65111 Chemistry 1 68101 Physics 1	Cr Pts 6 6 6 6	1 <sup>st</sup> year
<b>Year 1 Spring Session</b> 65212 Chemistry 2 68201 Physics 2 33230 Mathematics 2 Select 6cp from the following 91161 Cell Biology and genetics 91400 Human Anatomy and Physiology 91123 Nature and Evolution	6 6 6 6	1 <sup>st</sup> year
<b>Year 2 Autumn and Autumn D Session</b> 65306 Analytical Chemistry 1 013243 Science Teaching Methods 1 010047 Literacy and Numeracy Across the Curriculum 010048 Professional Learning (20 days placement)	6 6 6 6	2 <sup>nd</sup> year
<b>Year 2 Spring and Spring D Session</b> 65411 Inorganic Chemistry 1 65409 Analytical Chemistry 2 68206 Optics 010049 Understanding and Engaging Adolescent Learners	6 6 6 6	2 <sup>nd</sup> year
<b>Year 3 Autumn and Autumn D Session</b> 68414 Advanced Mechanics 65202 Organic Chemistry 1 65307 Physical Chemistry 1 Electives (Select 6cp from CBK92319)	6 6 6 6	3 <sup>rd</sup> year
<b>Year 3 Spring and Spring D Session</b> 65508 Organic Chemistry 2 013241 Professional Experience Teaching Practice 1 (6 weeks placement) 013244 Chemistry Teaching Methods 2 Electives (Select 6cp from CBK92319)	6 6 6 6	3 <sup>rd</sup> year
<b>Year 4 Autumn and Autumn D Session</b> 013404 Inclusive Education 013407 Resetting the Future: Indigenous Australian Education 013180 Physics Teaching Method 3 Electives (Select 6cp from CBK92319)	6 6 6 6	4 <sup>th</sup> year
<b>Year 4 Spring and Spring D Session</b> 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 CBK92319)	6 6 6 6	4 <sup>th</sup> year

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

## Physics Major

<b>Year 1 Autumn Session</b> 33130 Mathematics 1 60006 Scientific Perspectives for Global Issues 65111 Chemistry 1 68101 Physics 1	Cr Pts 6 6 6 6	1 <sup>st</sup> year
<b>Year 1 Spring Session</b> 65212 Chemistry 2 68201 Physics 2 33230 Mathematics 2 Select 6cp from the following 91161 Cell Biology and genetics 91400 Human Anatomy and Physiology 91123 Nature and Evolution	6 6 6 6	1 <sup>st</sup> year
<b>Year 2 Autumn and Autumn D Session</b> 68414 Advanced Mechanics 013243 Science Teaching Methods 1 010047 Literacy and Numeracy Across the Curriculum 010048 Professional Learning (20 days placement)	6 6 6 6	2 <sup>nd</sup> year
<b>Year 2 Spring and Spring D Session</b> 68412 Physics of Energy 68413 Quantum Physics 68206 Optics 010049 Understanding and Engaging Adolescent Learners	6 6 6 6	2 <sup>nd</sup> year
<b>Year 3 Autumn and Autumn D Session</b> 65306 Analytical Chemistry 1 65202 Organic Chemistry 1 67416 Computational Physics Electives (Select 6cp from CBK92319)	6 6 6 6	3 <sup>rd</sup> year
<b>Year 3 Spring and Spring D Session</b> 68606 Solid-state and Quantum Devices 013241 Professional Experience Teaching Practice 1 (6 week placement) 013244 Chemistry Teaching Method 2 Electives (Select 6cp from CBK92319)	6 6 6 6	3 <sup>rd</sup> year
<b>Year 4 Autumn and Autumn D Session</b> 013404 Inclusive Education 013407 Resetting the Future: Indigenous Australian Education 013180 Physics Teaching Method 3 Electives (Select 6cp from CBK92319)	6 6 6 6	4 <sup>th</sup> year
<b>Year 4 Spring and Spring D Session</b> 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 CBK92319)	6 6 6 6	4 <sup>th</sup> year

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Chemistry or Physics major:

- CBK91927 Specialist Choice: MAJ07151 Chemistry and Physics
- CBK91926 Stream Choice: STM91495 Physical Sciences – Chemistry and Physics

## Chemistry or Physics Major + Mathematics Minor

<b>Year 1 Autumn Session</b> 33130 Mathematics 1 60006 Scientific Perspectives for Global Issues 65111 Chemistry 1 68101 Physics 1	Cr Pts 6 6 6 6	1 <sup>st</sup> year
<b>Year 1 Spring Session</b> 65212 Chemistry 2 68201 Physics 2 33230 Mathematics 2 Select 6cp from the following 91161 Cell Biology and genetics 91400 Human Anatomy and Physiology 91123 Nature and Evolution	6 6 6 6	1 <sup>st</sup> year
<b>Year 2 Autumn and Autumn D Session</b> 65306 Analytical Chemistry 1 013243 Science Teaching Methods 1 010047 Literacy and Numeracy Across the Curriculum 010048 Professional Learning (20 days placement)	6 6 6 6	2 <sup>nd</sup> year
<b>Year 2 Spring and Spring D Session</b> 68206 Optics 37161 Probability and Random Variables Select one of the below Chemistry Major: <ul style="list-style-type: none"> <li>• 65409 Analytical Chemistry 2</li> </ul> Physics Major: <ul style="list-style-type: none"> <li>• 68413 Quantum Physics</li> </ul> 010049 Understanding and Engaging Adolescent Learners	6 6 6 6	2 <sup>nd</sup> year
<b>Year 3 Autumn and Autumn D Session</b> 68414 Advanced Mechanics 65202 Organic Chemistry 1 37181 Discrete Mathematics 013238 Mathematics Teaching Methods 1	6 6 6 6	3 <sup>rd</sup> year
<b>Year 3 Spring and Spring D Session</b> Select one of the below Chemistry Major: <ul style="list-style-type: none"> <li>• 65508 Organic Chemistry 2</li> </ul> Physics Major: <ul style="list-style-type: none"> <li>• 68606 Solid-state and Quantum Devices</li> </ul> 013241 Professional Experience Teaching Practice 1 (6 weeks placement) 013239 Mathematics Teaching Method 2 013244 Chemistry Teaching Method 2	6 6 6 6	3 <sup>rd</sup> year
<b>Year 4 Autumn and Autumn D Session</b> 013404 Inclusive Education 013407 Resetting the Future: Indigenous Australian Education 013180 Physics Teaching Method 3 Electives (Select 6cp from CBK92040)	6 6 6 6	4 <sup>th</sup> year
<b>Year 4 Spring and Spring D Session</b> 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 <sup>th</sup> year

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Chemistry or Physics major:

- CBK91927 Specialist Choice: MAJ007131 Chemistry and Physics, Mathematics
- CBK91926 Stream Choice: STM91495 Physical Sciences – Chemistry and Physics