



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

## Physical Sciences – Chemistry and Physics Chemistry Major

Year 1 Autumn Session		
33130 Mathematics 1	Cr Pts	
	6	
60006 Scientific Perspectives for Global Issues	6	1 <sup>st</sup> year
65111 Chemistry 1	6	,
68101 Physics 1	6	
Year 1 Spring Session		
65212 Chemistry 2	_	
68201 Physics 2	6	4 et
33230 Mathematics 2	6	1 <sup>st</sup> year
Select 6cp from the following	6	
91161 Cell Biology and genetics	6	
91400 Human Anatomy and Physiology		
91123 Nature and Evolution		
Year 2 Autumn and Autumn D Session		
65306 Analytical Chemistry 1	6	
013243 Science Teaching Methods 1	6	
010047 Literacy and Numeracy Across the Curriculum		2 <sup>nd</sup> year
010048 Professional Learning (20 days placement)	6	
010040110lessional Learning (20 days placement)	6	
Year 2 Spring and Spring D Session		
65411 Inorganic Chemistry 1	6	
65409 Analytical Chemistry 2	6	
68206 Optics	6	2 <sup>nd</sup> year
010049 Understanding and Engaging Adolescent Learners	6	
Year 3 Autumn and Autumn D Session		
68414 Advanced Mechanics	6	
65202 Organic Chemistry 1	6	
65307 Physical Chemistry 1	6	3 <sup>rd</sup> year
Electives (Select 6cp from CBK92319)	6	
Liectives (delect dep from obitaza 13)	0	
Year 3 Spring and Spring D Session		
65508 Organic Chemistry 2	6	
013241 Professional Experience Teaching Practice 1 (6 weeks placement)	6	3 <sup>rd</sup> year
013244 Chemistry Teaching Methods 2	6	3 year
Electives (Select 6cp from CBK92319)	6	
Year 4 Autumn and Autumn D Session		
013404 Inclusive Education	6	
013407 Resetting the Future: Indigenous Australian Education	6	
013180 Physics Teaching Method 3	6	4 <sup>th</sup> year
	6	
Electives (Select 6cp from CBK92319)	0	
Year 4 Spring and Spring D Session		
013242 Professional Experience Teaching Practice 2 (6 week placement)	6	
013408 Teaching and Learning with Digital Technologies	6	4 <sup>th</sup> year
010046 Learning Futures: Teaching for Complexity and Diversity	6	+ year
Electives (Select 6cp from CBK92319)	6	

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

### **Physics Major**

Year 1 Autumn Session	Cr	
33130 Mathematics 1	Pts 6	
60006 Scientific Perspectives for Global Issues	6	1 <sup>st</sup> vear
65111 Chemistry 1	-	i - yeai
68101 Physics 1	6	
Year 1 Spring Session	6	
65212 Chemistry 2		
	6	
68201 Physics 2	6	1st year
33230 Mathematics 2	6	,
Select 6cp from the following	6	
91161 Cell Biology and genetics		
91400 Human Anatomy and Physiology		
91123 Nature and Evolution		
Year 2 Autumn and Autumn D Session		
68414 Advanced Mechanics	6	
013243 Science Teaching Methods 1	6	and waar
010047 Literacy and Numeracy Across the Curriculum		2 <sup>nd</sup> year
010048 Professional Learning (20 days placement)	6	
(	6	
Year 2 Spring and Spring D Session		
68412 Physics of Energy	6	
68413 Quantum Physics	6	
68206 Optics	6	2 <sup>nd</sup> year
010049 Understanding and Engaging Adolescent Learners	6	
Y 22 / 22 /		
Year 3 Autumn and Autumn D Session	_	
65306 Analytical Chemistry 1	6	
65202 Organic Chemistry 1	6	3 <sup>rd</sup> year
67416 Computational Physics	6	o you.
Electives (Select 6cp from CBK92319)	6	
Year 3 Spring and Spring D Session		
68606 Solid-state and Quantum Devices	6	
013241 Professional Experience Teaching Practice 1 (6 week placement)	6	
013244 Chemisty Teaching Method 2	6	3 <sup>rd</sup> year
Electives (Select 6cp from CBK92319)	6	
Electives (Select och IIoIII CBN92319)	О	
Year 4 Autumn and Autumn D Session		
013404 Inclusive Education	6	
013407 Resetting the Future: Indigenous Australian Education	6	
013180 Physics Teaching Method 3	6	4 <sup>th</sup> year
Electives (Select 6cp from CBK92319)	6	
,	U	
Year 4 Spring and Spring D Session	_	
013242 Professional Experience Teaching Practice 2 (6 week placement)	6	
013408 Teaching and Learning with Digital Technologies 010046	6	4 <sup>th</sup> year
Learning Futures: Teaching for Complexity and Diversity	6	- your
Electives (Select 6cp from CBK92319)	6	

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

#### 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

		ı
Year 1 Autumn Session	Cr Pts	
33130 Mathematics 1	6	
60006 Scientific Perspectives for Global Issues	6	1 <sup>st</sup> year
65111 Chemistry 1	6	i yeai
68101 Physics 1		
	6	
Year 1 Spring Session		
65212 Chemistry 2	6	
68201 Physics 2	6	1 <sup>st</sup> year
33230 Mathematics 2	6	i yeai
Select 6cp from the following	6	
91161 Cell Biology and genetics	0	
91400 Human Anatomy and Physiology		
91123 Nature and Evolution		
Year 2 Autumn and Autumn D Session		
65306 Analytical Chemistry 1	6	
013243 Science Teaching Methods 1	6	_
	U	2 <sup>nd</sup> year
010047 Literacy and Numeracy Across the Curriculum	6	
010048 Professional Learning (20 days placement)	6	
Variable and Order B.Order	6	
Year 2 Spring and Spring D Session	_	
68206 Optics	6	
37161 Probability and Randon Variables	6	2 <sup>nd</sup> year
Select one of the below	6	2 year
Chemistry Major:	6	
65409 Analytical Chemistry 2		
Physics Major:		
68413 Quantum Physics		
010049 Understanding and Éngaging Adolescent Learners		
Year 3 Autumn and Autumn D Session		
68414 Advanced Mechanics	6	
65202 Organic Chemistry 1	6	ord
37181 Discrete Mathematics	6	3 <sup>rd</sup> year
013238 Mathematics Teaching Methods 1	6	
Year 3 Spring and Spring D Session		
Select one of the below	6	
Chemistry Major:		Ord
65508 Organic Chemistry 2		3 <sup>rd</sup> year
Physics Major:		
68606 Solid-state and Quantum Devices		
013241 Professional Experience Teaching Practice 1 (6 weeks placement)	6	
013239 Mathematics Teaching Method 2	6	
	6	
013244 Chemisty Teaching Method 2	O	
Voor 4 Autumn and Autumn D Coosies		
Year 4 Autumn and Autumn D Session	6	
013404 Inclusive Education	6	
013407 Resetting the Future: Indigenous Australian Education	6	4 <sup>th</sup> year
013180 Physics Teaching Method 3	6	. , , , ,
Electives (Select 6cp from CBK92040)	6	
Year 4 Spring and Spring D Session		
013242 Professional Experience Teaching Practice 2 (6 week placement)	6	
013408 Teaching and Learning with Digital Technologies	6	
010046 Learning Futures: Teaching for Complexity and Diversity	6	4 <sup>th</sup> year
		,
Electives (Select 6cp from CBK92040)	6	

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

#### Chemistry or Physics major:

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