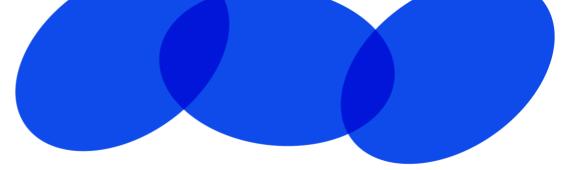


## UTS Faculty of Arts and Social Sciences C10404 Bachelor of Science Master of Teaching in Secondary Education

Chemistry and Physics Major (with Mathematics minor)

Year 1 Autumn Session	Cr Pts	
Select one of the following:	6	
33130 Mathematical Modelling 1		
33190 Mathematical Modelling for Science		4 St
65111 Chemistry 1	6	1 <sup>st</sup> year
68101 Foundations of Physics	6	
60001 Principles of Scientific Practice	6	
V 10 1 0 1		
Year 1 Spring Session	_	
Select one of the following:	6	
33230 Mathematical Modelling 2		
33290 Statistics and Mathematics for Science      Science		
65212 Chemistry 2	6	1 <sup>st</sup> year
68201 Physics in Action	6	
Select one of the following:	6	
60101 Chemistry and Materials Science     Control Introduction to Materials	]	
68070 Introduction to Materials		
Year 2 Autumn and Autumn D Session		
Select one of the following:	6	
65306 Analytical Chemistry 1		
65202 Organic Chemistry 1		
65307 Physical Chemistry 1		2 <sup>nd</sup> year
013243 Science Teaching Methods 1	6	,
010048 Professional Learning (8 days of school observations)	6	
010047 Literacy and Numeracy Across the Curriculum	6	
Very 2 Carrier and Carrier D Consists		
Year 2 Spring and Spring D Session	6	
65411 Inorganic Chemistry 1	6	
Select one and enrol into one of the following subjects:	ь	
CBK92001 Chemistry choice     CFF00 Organia Chamistry 2		
o 65508 Organic Chemistry 2		and waar
<ul> <li>65607 Physical Chemistry 2</li> <li>CBK92000 Physics choice</li> </ul>		2 <sup>nd</sup> year
o 68415 Measurement and Analysis of Physical Processes	6	
68206 Optics	6	
010049 Understanding and Engaging Adolescent Learners	0	
Year 3 Autumn and Autumn D Session		
Based on the previously selected choice (Chemistry or Physics), enrol into a	6	
second subject from the choice block:	]	
CBK92001 Chemistry choice		
o 65509 Inorganic Chemistry 2	]	
CBK92000 Physics choice	]	3 <sup>rd</sup> year
<ul> <li>68316 Applied Electronics and Interfacing</li> </ul>		_
33360 Mathematics for Physical Science	6	
37233 Linear Algebra	6	
013238 Mathematics Teaching Methods 1	6	





Year 3 Spring D Session 68413 Quantum Physics 013241 Professional Experience Teaching Practice 1 (6 week placement) 010046 Learning Futures: Teaching for Complexity and Diversity Elective (Select 6cp from CBK90869)	6 6 6	3 <sup>rd</sup> year
Year 4 Autumn D Session 013239 Mathematics Teaching Methods 2 013244 Chemistry Teaching Methods 2 013404 Inclusive Education (12 day placement) 013407 Resetting the Future: Indigenous Australian Education	6 6 6	4 <sup>th</sup> year
Year 4 Spring D Session 013242 Professional Experience Teaching Practice 2 (6 week placement) 013180 Physics Teaching Methods 3 013408 Teaching and Learning with Digital Technologies Elective (Select 6cp from CBK90869)	6 6 6	4 <sup>th</sup> year

Please note that Calendar D subjects are in orange coloured font to highlight the differentiate between calendars.

## CBK90869 Electives (Secondary Education)

## Select 12 credit points of electives:

## Credit points:

012002 Aboriginal Sydney New	6cn
013992 Aboriginal Sydney Now 59720 Academic English: Communication Fundamentals	6cp 6cp
010307 Create: Creating Interactive Multimedia Objects	3cp
010305 Crunch: Learning Analytics for Performance Improvement	3cp
59355 Developing Academic Writing and Speaking Skills	6cp
78040 Education: Rights and Responsibilities	6cp
021702 ICT in School Education: Current Issues and Applications	6cp
023821 Inclusive Education: Behaviour	•
	6cp
97903 Intercultural and International Communication	6cp
013102 Introducing Knowledge about Language	6cp
013106 Mentoring in the Workplace	6cp
013988 Multiliteracies and Multimodalities	6cp
024705 Multimodal Texts: Comprehending and Creating	6ср
026412 Music Moves	6cp
028289 Numeracy for Lifelong and Lifewide Learning	6cp
028992 Shaping Meaningful Worlds: Language Texts and Context	6cp
010050 Student Welfare: Implications for Teaching and Learning	6cp
022603 Teaching Across the Curriculum	6cp
024713 Teaching English in International Contexts	6cp
013247 Technology and Applied Studies Teaching Methods: Engineering Studies	6cp
013181 Technology and Applied Studies Teaching Methods: Industrial Technology	6ср
Graphics and Multimedia	
013182 Technology and Applied Studies Teaching Methods: Information Processes	6cp
and Technology	
013248 Technology and Applied Studies Teaching Methods: Software Design and	6ср
Development	
013105 The Multilingual Learner	6ср