UTS Faculty of Arts and Social Sciences

C10404 Bachelor of Science Master of Teaching in Secondary Education

Mathematics and Mathematics/Physics Major

	Cr Pts	
Year 1 Autumn Session Select one of the following: • 33130 Mathematical Modelling 1 • 33190 Mathematical Modelling for Science 65111 Chemistry 1 68101 Foundations of Physics 60001 Principles of Scientific Practice	6 6 6 6	1st year
Year 1 Spring Session Select one of the following: • 33230 Mathematical Modelling 2 • 33290 Statistics and Mathematics for Science 65212 Chemistry 2 68201 Physics in Action Select one of the following: • 60101 Chemistry and Materials Science • 68070 Introduction to Materials	6 6 6 6	1st year
Year 2 Autumn and Autumn D Session 33360 Mathematics for Physical Science 013238 Mathematics Teaching Methods 1 010048 Professional Learning (8 days of school observations) 010047 Literacy and Numeracy Across the Curriculum	6 6 6 6	2nd year
Year 2 Spring and Spring D Session 37335 Differential Equations 68206 Optics 65411 Inorganic Chemistry 1 010049 Understanding and Engaging Adolescent Learners	6 6 6 6	2nd year
Year 3 Autumn and Autumn D Session 37233 Linear Algebra 37234 Advanced Calculus One of the following options: • 65306 Analytical Chemistry 1 • 65202 Organic Chemistry 1 • 65307 Physical Chemistry 1 013243 Science Teaching Methods 1	6 6 6 6	3rd year
Year 3 Spring and Spring D Session 68413 Quantum Physics 010046 Learning Futures: Teaching for Complexity and Diversity 013241 Professional Experience Teaching Practice 1 (6 week placement) Elective (Select 6cp from CBK90869)	6 6 6 6	3rd year

Year 4 Autumn D Session 013239 Mathematics Teaching Methods 2 013404 Inclusive Education (12 day placement) 013407 Resetting the Future: Indigenous Australian Education 013179 Physics Teaching Methods 2	6 6 6 6	4th year
Year 4 Spring D Session 013240 Mathematics Teaching Methods 3 013242 Professional Experience Teaching Practice 2 (6 week placement) 013408 Teaching and Learning with Digital Technologies Elective (Select 6cp from CBK90869)	6 6 6 6	4th 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:**

013992 Aboriginal Sydney Now	6cp
59720 Academic English: Communication Fundamentals	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	6cp
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 Graphics and Multimedia	6cp
013182 Technology and Applied Studies Teaching Methods: Information Processes and Technology	6cp
013248 Technology and Applied Studies Teaching Methods: Software Design and Development	6cp
013105 The Multilingual Learner	6cp