

UTS Institute for Education

C10404 Bachelor of Science Master of Teaching in Secondary Education

Physical Sciences – Chemistry and Physics Chemistry Major

Year 1 Autumn Session 33130 Mathematics 1 60006 Scientific Perspectives for Global Issues 65111 Chemistry 1 68037 Physics 1	Cr Pts 6 6 6 6	1 st year
Year 1 Spring Session 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 st year
Year 2 Autumn and Autumn D Session 65306 Analytical Chemistry 1 013243 Science Teaching Methods 1: Transition from Primary to Secondary 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 65307 Thermodynamics, Energy and Spectroscopy 65409 Analytical Chemistry 2 Electives (Select 6cp from CBK91921) 010049 Understanding and Engaging Adolescent Learners	6 6 6 6	2 nd year
Year 3 Autumn Session 68413 Quantum Physics 65202 Organic Chemistry 1 68495 Inorganic Pharmaceuticals 68206 Optics	6 6 6 6	3 rd year
Year 3 Spring and Spring D Session 65508 Organic Chemistry 2 013241 Professional Experience Teaching Practice 1 (6 weeks placement) 013460 Science Teaching Methods 2 Electives (Select 6cp from CBK91921)	6 6 6 6	3 rd year
Year 4 Autumn and Autumn D Session 013404 Inclusive Education 013407 Resetting the Future: Indigenous Australian Education 013501 Science Teaching Methods 3 Electives (Select 6cp from CBK91921)	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 CBK91921)	6 6 6 6	4 th year

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

- CBK90432 Specialisation Science stream choice: STM90660 Chemistry and Physics

Physics Major

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Year 1 Spring Session 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 st year
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Year 3 Autumn Session 68413 Quantum Physics 65202 Organic Chemistry 1 68414 Advanced Mechanics 68206 Optics	6 6 6 6	3 rd year
Year 3 Spring and Spring D Session 68606 Solid-state and Quantum Devices 68513 Nanoscale and Quantum Photonics 013241 Professional Experience Teaching Practice 1 (6 weeks placement) 013460 Science Teaching Methods 2	6 6 6 6	3 rd year
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