B1368 Bachelor of Education in Secondary Teaching and Mathematics Major Teaching Area with a co-major in Physics Minor Teaching Area

	Summer	Semester 1				Semester 2				
2019		**BED100** Ideas in Education	**EDN111** Language for Learning and Teaching	**EDN113** Living and Learning with Technology	**MAS164** Fundamentals of Mathematics	**BED150** Understanding Teachers' Work	**CHE144** Foundations of Chemistry	**MAS182** Applied Mathematics	**MAS183** Statistical Data Analysis	24
2020		**EDN221** Learning and Teaching	**EDN353** Country, Cultures, Peoples: Aboriginal and Torres Strait Islander Perspectives Across the Curriculum	**MAS161** Calculus and Matric Algebra	**PEN152** Principles of Phsyics	**BED200** Assessment and Action Research	**EDN2101** Professional Experience: BEd Secondary	**MAS162** Foundations of Discrete Mathematics	**Level 200 Mathematics Specified Elective**	24
2021	**EDN451** Adolescent Health and Development	**EDN373** Teaching Mathematics	**EDN376** Teaching Science	**MAS222** Probability and Statistical Inference	**PEN231** Modern Physics	**EDN340** Professional Experience: BEd Secondary	**PEN202** Thermodynamics for Physics and Nanotechnology	**Physics Specified Elective**	**Level 300 Mathematics Specified Elective**	27
2022		**EDN358** Creating and Managing Effective Learning Environments	**EDN449** Inclusive Education	**EDN473** Teaching Senior Secondary Mathematics	**EDN476** Teaching Senior Secondary Science	**EDN4303** Final Professional Experience 1	**EDN4301** Final Professional Experience 2			21
Level 200 Mathematics Specified Electives						**MAS221** Mathematical Modelling *(requires MAS182)*	**MAS223** Applied Statistics *(requires MAS183)*			96
Level 300 Mathematics Specified Electives						**MAS353** Statistical Design and Data Analysis *(requires MAS222 or MAS223)*	**MAS354** Modelling and Simulation *(requiresMAS221)*			
Physics Specified Elective		**CHE140** Fundamentals of Chemistry	**PEN120** General Physics	**PEN332** Electromagnetism		**CHE140** Fundamentals of Chemistry	**PEN120** General Physics	**PEN317** Physics of Materials		

*Students who commenced their course as of 1st January 2017 or later must complete **EDN298** LANTITE - Literacy (0 credit points) and **EDN299** LANTITE - Numeracy (0 credit points) in order to graduate. Please refer to teacheredtest.acer.edu.au for more information.*

Course and unit information is provided as a guide and is subject to change without notice. This is a sample plan only. Please always check the current handbook and the current timetable. Accurate as of 08/01/2019

Education Units
Mathematics Units
Physics Units