

B1368 Bachelor of Education in Secondary Teaching and Advanced Mathematics Major Teaching Area with a co-major in Physics Minor Teaching Area										
	Summer	Semester 1				Semester 2				
2019		<b>BED100</b> Ideas in Education	<b>EDN111</b> Language for Learning and Teaching	<b>EDN113</b> Living and Learning with Technology	<b>MAS161</b> Calculus and Matric Algebra	<b>BED150</b> Understanding Teachers' Work	<b>CHE144</b> Foundations of Chemistry	<b>MAS183</b> Statistical Data Analysis	<b>PEN152</b> Principles of Physics	24
2020		<b>EDN221</b> Learning and Teaching	<b>EDN358</b> Creating and Managing Effective Learning Environments	<b>MAS222</b> Probability and Statistical Inference	<b>PEN231</b> Modern Physics	<b>BED200</b> Assessment and Action Research	<b>EDN2101</b> Professional Experience: BEd Secondary	<b>MAS221</b> Mathematical Modelling	<b>PEN202</b> Thermodynamics for Physics and Nanotechnology	24
2021	<b>EDN451</b> Adolescent Health and Development	<b>EDN373</b> Teaching Mathematics	<b>EDN376</b> Teaching Science	<b>Advanced Mathematics Specified Elective</b>	<b>Advanced Mathematics Specified Elective</b>	<b>EDN340</b> Professional Experience: BEd Secondary	<b>Advanced Mathematics Specified Elective</b>	<b>Advanced Mathematics Specified Elective</b>	<b>Physics Specified Elective</b>	27
2022		<b>EDN353</b> <small>Country, Cultures, Peoples: Aboriginal and Torres Strait Islander Perspectives Across the Curriculum</small>	<b>EDN449</b> Inclusive Education	<b>EDN473</b> Teaching Senior Secondary Mathematics	<b>EDN476</b> Teaching Senior Secondary Science	<b>EDN4303</b> Final Professional Experience 1	<b>EDN4301</b> Final Professional Experience 2			21
<b>Advanced Mathematics Specified Electives</b>		<b>MAS162</b> Foundations of Discrete Mathematics	<b>MAS182</b> Applied Mathematics	<b>MAS351</b> Environmental and Biological Modelling <i>(requires MAS220 or MAS221)</i>	<b>MAS352</b> Time Series Analysis <i>(requires category 2 &amp; MAS221)</i>	<b>MAS162</b> Foundations of Discrete Mathematics	<b>MAS182</b> Applied Mathematics	<b>MAS223</b> Applied Statistics <i>(requires MAS183)</i>	<b>MAS353</b> Statistical Design and Data Analysis <i>(requires MAS222 or MAS223)</i>	96
						<b>MAS354</b> Modelling and Simulation <i>(requires MAS221)</i>				
<b>Physics Specified Elective</b>		<b>CHE140</b> Fundamentals of Chemistry	<b>PEN120</b> General Physics	<b>PEN332</b> Electromagnetism		<b>CHE140</b> Fundamentals of Chemistry	<b>PEN120</b> General Physics	<b>PEN317</b> Physics of Materials		
<p>Students who commenced their course as of 1st January 2017 or later must complete <b>EDN298</b> LANTITE - Literacy (0 credit points) and <b>EDN299</b> LANTITE - Numeracy (0 credit points) in order to graduate. Please refer to <a href="http://teacheredtest.acer.edu.au">teacheredtest.acer.edu.au</a> for more information.</p> <p>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.</p>										

<b>Education Units</b>
<b>Advanced Mathematics Units</b>
<b>Physics Units</b>