

**B1368 Bachelor of Education (Secondary Teaching)**  
**Advanced Mathematics Major Teaching Area – 96 points**  
**Full Time Course Plan - Semester 2 2023 entry**  
 Academic Chair: Dr Alison Hilton [A.Hilton@murdoch.edu.au](mailto:A.Hilton@murdoch.edu.au)

**Once students have successfully completed requirements they will receive Advanced Standing for the following units, which are required to progress within and graduate from the course:**

EDN199 SimLab Entry Screening – 0pts      EDN298 LANTITE Literacy – 0pts      EDN299 LANTITE Numeracy – 0pts

	Summer	Semester 1	Semester 2
			BED100 Ideas in Education 3pts EDN180 Literacy & Numeracy in Secondary Education (SP2) 3pts MAS161 Calculus & Matrix Algebra 9pts
		MAS183 Statistical Data Analysis 3pts EDN113 Living & Learning with Technology 3pts Minor Teaching Area Unit 1* 3pts Minor Teaching Area Unit 2* 3pts <b>12pts</b>	BED150 Understanding Teachers Work 3pts MAS221 Mathematical Modelling 3pts Minor Teaching Unit 3* 9pts
		EDN221 Learning & Teaching 3pts EDN373 Teaching Mathematics 3pts EDN358 Creating & Managing Effective Learning Environments 3pts MAS222 Probability & Statistical Inference 12pts	BED200 Assessment & Action Research 3pts EDN2101 Professional Experience: Major 3pts Advanced Mathematics Specified Elective ** 12pts Minor Teaching Unit 4*
	EDN451 Adolescent, Family & Community Health (3pts)	EDN37? Curriculum Unit 1 - Minor 3pts EDN353 Country, Cultures, Peoples: ATSI Perspectives 3pts Advanced Mathematics Specified Elective ** 3pts Advanced Mathematics Spec Elective** 15pts	Advanced Mathematics Specified Elective ** 3pts EDN340 Professional Experience: Minor 3pts EDN449 Inclusive Education 9pts
		EDN47? Curriculum Unit 2 - Minor 3pts EDN473 Teaching Senior Secondary Maths (AU7) 3pts Minor Teaching Unit 5* 3pts <b>12pts</b>	EDN499 – QTPA (S2N3) 3pts EDN4301 Professional Internship (ST3) 6pts <b>9pts</b>
<b>**Advanced Mathematics Specified Elective Units to choose from:</b> MAS162      MAS354 (pre req MAS221) MAS182      MAS353 (pre req MAS222 or MAS223) MAS351 (pre req MAS220 or MAS221)      MAS223 (pre req MAS183) MAS352 (pre req MAS221 & part 2 Maths unit)			
Minor Teaching Area (choose 1)			

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English	Biological Science	Earth & Environment	HASS	Physical Sciences
EGL123 EGL124 EGL301 EGL207 or EGL231 EGL204/EGL235/ EGL246	BIO103 BIO152 CHE140/CHE144 BIO257/ENV241 BIO356/BIO375	BIO103 ENV102 CHE140/CHE144 ENV241 ENV242/ENV243	POL133 HIS182 SUS100  Choose two of the following: HIS207/HIS208/HIS304/ POL203/ POL206/POL226	PEN152 CHE144 CHE207 Choose two of the following: PEN120 CHE140 CHE200 PEN200
EDN372 EDN472	EDN376 EDN476	EDN376 EDN476	EDN377 EDN477	EDN376 EDN476

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## Approved B1368 Bachelor of Education in Secondary Teaching Major/Minor Teaching Area Combinations

Major Teaching Area (Select One)	Minor Teaching Area (Select One from the same row of your major)
<b>Advanced Mathematics Major Teaching Area</b>	1) Biological Science Minor Teaching Area 2) Physical Sciences Minor Teaching Area 3) Earth and Environmental Science Minor Teaching Area 4) English Minor Teaching Area 5) Humanities and Social Sciences Minor Teaching Area
<b>Biology and Environmental Science Major Teaching Area</b>	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
<b>Biology and Human Biology Major Teaching Area</b>	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
<b>Physical Sciences Major Teaching Area</b>	1) Mathematics Minor Teaching Area
<b>Earth and Environmental Science Major Teaching Area</b>	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
<b>English Major Teaching Area</b>	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) Humanities and Social Sciences Minor Teaching Area 4) Mathematics Minor Teaching Area
<b>Geography and Economics (HASS) Major Teaching Area</b>	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) English Minor Teaching Area 4) Mathematics Minor Teaching Area
<b>History (HASS) Major Teaching Area</b>	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) English Minor Teaching Area 4) Mathematics Minor Teaching Area
<b>Mathematics Major Teaching Area</b>	1) Biological Science Minor Teaching Area 2) Physical Sciences Minor Teaching Area 3) Earth and Environmental Science Minor Teaching Area 4) English Minor Teaching Area 5) Humanities and Social Sciences Minor Teaching Area
<b>Physical Education Major Teaching Area</b>	1) General Science Minor Teaching Area
<b>Politics (HASS) Major Teaching Area</b>	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) English Minor Teaching Area 4) Mathematics Minor Teaching Area

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