

Sample Course Plan - Semester 2 2023 entry
B1368 Bachelor of Education (Secondary Teaching)
Mathematics Major Teaching Area– 96 points
 Academic Chair: Alison Hilton 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 MAS164 Fundamentals of Mathematics 9pts
Year 1		EDN113 Living & Learning with Technology 3pts MAS161 Calculus & Matrix Algebra 3pts Minor Teaching Area Unit 1* 3pts Minor Teaching Area Unit 2* 3pts 12pts	BED150 Understanding Teachers Work 3pts MAS182 Applied Mathematics 3pts MAS183 Statistical Data Analysis 3pts Minor Teaching Unit 3* 3pts 12pts
Year 2		EDN221 Learning & Teaching 3pts EDN373 Teaching Mathematics 3pts EDN358 Creating & Managing Effective Learning Environments 3pts MAS222 Probability & Statistical Inference 3pts 12pts	BED200 Assessment & Action Research 3pts EDN2101 Professional Experience: Major 3pts Level 2 Mathematics Specified Elective ** 3pts 9pts
Year 3	EDN451 Adolescent, Family & Community Health (3pts)	EDN37? Curriculum Unit 1 - Minor 3pts EDN353 Country, Cultures, Peoples: ATSI Perspectives 3pts Level 3 Mathematics Specified Elective ** 3pts 12pts	MAS162 Foundations of Discrete Mathematics 3pts EDN340 Professional Experience: Minor 3pts EDN449 Inclusive Education 3pts 9pts
Year 4		EDN47? Curriculum Unit 2 – Minor 3pts Minor Teaching Unit 5* (ST1) 3pts EDN473 Teaching Senior Secondary Mathematics (ST1) 3pts Minor Teaching Area Unit 4* 3pts 9pts	EDN499 – QTPA (EP4) 3pts EDN4301 Professional Internship 6pts 9pts

****Mathematics Specified Elective Units to choose from:**

<u>Level 200</u>	<u>Level 300</u>
MAS221 (pre-req MAS182)	MAS353 (pre req MAS222 or MAS223)
MAS223 (pre req MAS183)	MAS354 (pre-req MAS221)

Minor Teaching Area (choose 1)

English	Biological Science	Physical Sciences	Earth & Environment	HASS
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Disclaimer: This course plan is a **sample only** and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online [Handbook](#) . This course plan will vary depending on chosen additional majors/minors and your academic progression.
Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course.

EGL123 EGL124 EGL301 EGL207 or EGL231 EGL246/EGL204/ EGL235	BIO103 BIO152 CHE140/CHE144 BIO257/ENV241 BIO356/BIO375	PEN152 CHE144 CHE207 Choose two of the following: PEN120 CHE140 CHE200 PEN200	BIO103 ENV102 CHE140/CHE144 ENV241 END242/ENV243	POL133 HIS182 SUS100 Choose two of the following: HIS207/HIS208/HIS304/ POL203/ POL206/POL226
EDN372 EDN472	EDN376 EDN476	EDN376 EDN476	EDN376 EDN476	EDN377 EDN477

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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)
Advanced Mathematics Major Teaching Area	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
Biology and Environmental Science Major Teaching Area	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
Biology and Human Biology Major Teaching Area	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
Physical Sciences Major Teaching Area	1) Mathematics Minor Teaching Area
Earth and Environmental Science Major Teaching Area	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
English Major Teaching Area	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
Geography and Careers and Enterprise (HASS) Major Teaching Area	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) English Minor Teaching Area 4) Mathematics Minor Teaching Area
History (HASS) Major Teaching Area	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) English Minor Teaching Area 4) Mathematics Minor Teaching Area
Mathematics Major Teaching Area	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
Physical Education Major Teaching Area	1) General Science Minor Teaching Area
Politics (HASS) Major Teaching Area	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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