## Sample Course Plan - Semester 1 2023 entry B1368 Bachelor of Education (Secondary Teaching) Mathematics Major Teaching Area – 96 points

Mathematics Major Teaching Area – 96 points
Academic Chair: Dr 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 – Opts EDN298 LANTITE Literacy – Opts EDN299 LANTITE Numeracy – Opts

	Summer	Semester 1		Semester 2	
Year 1		BED100 Ideas in Education  MAS183 Statistical Data Analysis  MAS164 Fundamentals  of Mathematics  Minor Teaching Area Unit 1*	3pts 3pts 3pts 3pts 12pts	BED150 Understanding Teachers Work EDN180 Literacy & Numeracy in Secondary Education (SP2) MAS182 Applied Mathematics Minor Teaching Area Unit 2*	3pts 3pts 3pts 3pts 12pts
Year 2		EDN221 Learning & Teaching EDN113 Living & Learning with Technology  MAS161 Calculus & Matrix Algebra  MAS222 Probability & Statistical Inference	3pts 3pts 3pts 3pts 12pts	BED200 Assessment & Action Research EDN2101 Professional Experience: Major Minor Teaching Unit 3* Level 2 Mathematics Specified Elective **	3pts 3pts 3pts 3pts 12pts
Year 3	EDN451 Adolescent Family & Community Health (3pts)	EDN37? Curriculum Unit 1 Minor  EDN373 Teaching Mathematics  EDN353 Country, Cultures, Peoples: ATSI Perspectives  Minor Teaching Unit 4*	3pts 3pts 3pts 3pts 15pts	MAS162 Foundations of Discrete Mathematics  Level 3 Mathematics Specified Elective **  EDN340 Professional Experience: Minor EDN449 Inclusive Education	3pts 3pts 3pts 3pts 12pts
Year 4		EDN358 Creating & Managing Effective Learning Environments EDN47? Curriculum Unit 2 Minor EDN473 Teaching Senior Secondary Mathematics (ST1) Minor Teaching Unit 5*	3pts 3pts 3pts 3pts 3pts 12pts	EDN499 – QTPA EDN4301 Professional Internship	3pts 6pts <b>9pts</b>

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

Level 200

MAS221 (pre-req MAS182) MAS223 (pre req MAS183) Level 300

MAS353 (pre req MAS222 or MAS223) MAS354 (pre-req MAS221)

**Minor Teaching Area (choose 1)** 

English	Biological Science	Earth & Environment	HASS	Physical Sciences
EGL123 EGL124 EGL301 EGL207 or EGL231 EGL204 or EGL235 or EGL246	BIO103 BIO152 CHE140/CHE144 BIO257/ENV241 BIO356/BIO375	BIO103 ENV102 CHE140/CHE144 ENV241 ENV242/ENV243	POL133 HIS182 SUS100 Choose 2 of below HIS207 HIS208 HIS304 POL203 POL306 POL226	PEN152 CHE144 CHE207 Choose two of the following: PEN120 CHE140 CHE200 PEN200
EDN372	EDN376	EDN376	EDN377	EDN376
EDN472	EDN476	EDN476	EDN477	EDN476

Disclaimer: This course plan is a <u>sample only</u> and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online <u>Handbook</u>. 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.

## 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	Biological Science Minor Teaching Area     Physical Sciences Minor Teaching Area (Chem & Physics)     Earth and Environmental Science Minor Teaching Area     English Minor Teaching Area     Humanities and Social Sciences Minor Teaching Area
BiologyandEnvironmentalScienceMajor Teaching Area	<ol> <li>English Minor Teaching Area</li> <li>Humanities and Social Sciences Minor Teaching Area</li> <li>Mathematics Minor Teaching Area</li> </ol>
Biology and Human Biology Major Teaching Area	<ol> <li>English Minor Teaching Area</li> <li>Humanities and Social Sciences Minor Teaching Area</li> <li>Mathematics Minor Teaching Area</li> </ol>
Chemistry Major Teaching Area	1) Mathematics Minor Teaching Area
Earthand Environmental Science Major Teaching Area	English Minor Teaching Area     Humanities and Social Sciences Minor Teaching Area     Mathematics Minor Teaching Area
English Major Teaching Area	Biological Science Minor Teaching Area     Earth and Environmental Science Minor Teaching Area     Humanities and Social Sciences Minor Teaching Area     Mathematics Minor Teaching Area
Geography and Business & Enterprise (HASS) Major Teaching Area	Biological Science Minor Teaching Area     Earth and Environmental Science Minor Teaching Area     English Minor Teaching Area     Mathematics Minor Teaching Area
History (HASS) Major Teaching Area	Biological Science Minor Teaching Area     Earth and Environmental Science Minor Teaching Area     English Minor Teaching Area     Mathematics Minor Teaching Area
Mathematics Major Teaching Area	1) Biological Science Minor Teaching Area 2) Physical Sciences Minor Teaching Area (Chem & Physics) 3) Earth and Environmental Science Minor Teaching Area 4) English Minor Teaching Area 5) Humanities and Social Sciences Minor Teaching Area
Health and Physical Education Major Teaching Area	1) General Science Minor Teaching Area
Physics Major Teaching Area	1) Mathematics Minor Teaching Area
Politics (HASS) Major Teaching Area	<ol> <li>Biological Science Minor Teaching Area</li> <li>Earth and Environmental Science Minor Teaching Area</li> <li>English Minor Teaching Area</li> <li>Mathematics Minor Teaching Area</li> </ol>

Disclaimer: This course plan is a <u>sample only</u> and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as per the online <u>Handbook</u>. This course plan will vary depending on chosen additional majors/minors and your academic progression.