

B1368 Bachelor of Education (Secondary Teaching)
Advanced Mathematics Major Teaching Area – 96 points

Full Time Course Plan - Semester 1 2021 entry

Academic Chair: Mrs 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 3pts EDN111 Language for Learning & Teaching 3pts MAS161 Calculus & Matrix Algebra 3pts Minor Teaching Area Unit 1* 12pts	BED150 Understanding Teachers Work 3pts MAS183 Statistical Data Analysis 3pts MAS221 Mathematical Modelling 3pts Minor Teaching Area Unit 2* 12pts
Year 2		EDN221 Learning & Teaching 3pts EDN113 Living & Learning with Technology 3pts MAS222 Probability & Statistical Inference 3pts Advanced Mathematics Spec Elective** 12pts	BED200 Assessment & Action Research 3pts EDN2101 Professional Experience: Major 3pts Minor Teaching Unit 3* 3pts Advanced Mathematics Specified Elective ** 12pts
Year 3	EDN451 Adolescent, Family & Community Health (3pts)	EDN37? Curriculum Unit 1 - Minor 3pts EDN373 Teaching Mathematics 3pts EDN353 Country, Cultures, Peoples: ATSI Perspectives 3pts Minor Teaching Unit 4* 15pts	Advanced Mathematics Specified Elective ** 3pts Advanced Mathematics Specified Elective ** 3pts EDN340 Professional Experience: Minor 3pts EDN449 Inclusive Education 12pts
Year 4		EDN358 Creating & Managing Effective Learning Environments 3pts Minor Teaching Unit 5* 3pts EDN47? Curriculum Unit 2 - Minor 3pts EDN473 Teaching Senior Secondary Mathematics 12pts	EDN499 – QTPA 3pts EDN4301 Professional Internship 6pts 9pts

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

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)

English	Biological Science	Chemistry	Earth & Environment	HASS	Physics
EGL123 EGL124 EGL235 EGL244 EGL246	BIO103 BIO152 CHE140/CHE144 BIO257/ENV241 BIO356/BIO375	CHE144 PEN152 CHE202 Choose 2 of below: CHE140 PEN120 CHE205 CHE347	BIO103 ENV102 CHE140/CHE144 ENV241 ENV242/ENV243	POL133 HIS182 SUS100 ART201 HIS212/HIS259/ POL298	PEN152 CHE140/CHE144 PEN202 PEN231 PEN120/PEN317/ PEN332
EDN372 EDN472	EDN376 EDN476	EDN376 EDN476	EDN376 EDN476	EDN377 EDN477	EDN376 EDN476

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.

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) Chemistry Minor Teaching Area 3) Earth and Environmental Science Minor Teaching Area 4) English Minor Teaching Area 5) Humanities and Social Sciences Minor Teaching Area 6) Physics 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
Chemistry 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 Economics (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) Chemistry Minor Teaching Area 3) Earth and Environmental Science Minor Teaching Area 4) English Minor Teaching Area 5) Humanities and Social Sciences Minor Teaching Area 6) Physics Minor Teaching Area
Physical Education Major Teaching Area	1) Health Education Minor Teaching Area
Physics Major Teaching Area	1) Mathematics 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

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.