

B1368 Bachelor of Education (Secondary)

(MJ- AMAS) Advanced Mathematics Teaching (Major)

Second Teaching Area (Co-Major)

Academic Chair

Dr Alison HILTON a.hilton@murdoch.edu.au

Year:

2024

Semester:

1

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 (STUDENTS DO NOT ENROL IN THESE 3 UNITS)

		Semester 1 (S1)		School Term 3 (ST3)		Semester 2 (S2)		
		Units	CP	Units	CP	Units	CP	
Year 1 - 2024		BED100 Ideas in Education	3	EDN180 Literacy & Numeracy in Secondary Education	3	BED150 Understanding Teachers Work*	3	
		EDN113 Living & Learning with Technology	3			MAS221 Mathematical Modelling	3	
		MAS161 Calculus and Matrix Algebra	3			Second Teaching Area Unit	3	
		MAS183 Statistical Data Analysis	3					
		SEMESTER 1 TOTAL	12			SEMESTER 2 + ST3 TOTAL	12	
Year 2 - 2025		Semester 1 (S1)		Placement Period (EP3)		Semester 2 (S2)		
		EDN221 Learning & Teaching	3	EDN2101 Professional Experience Secondary *	3	BED200 Assessment & Action Research	3	
		EDN373 Teaching Mathematics 7-10	3			Second Teaching Area Unit	3	
		EDN358 Creating & Managing Effective Learning Environments	3			Adv Maths Specified Elective	3	
		MAS222 Probability & Statistical Inference	3					
	SEMESTER 1 TOTAL	12			SEMESTER 2 + EP3 TOTAL	12		
Year 3 - 2026		Summer (UA4)	Semester 1 (S1)		Semester 2 (S2)		School Term 4 (ST4)	
	3	Adolescent, Family & Community Health	EDN37X Curriculum Unit – 2 nd Teaching Area	3	EDN449 Inclusive Education	3	EDN340 Professional Experience Secondary *	3
			EDN353 Country Cultures People: ATSI Perspectives	3	Adv Maths Specified Elective	3		
			Co-Major Second Teaching Area Unit	3	Adv Maths Specified Elective	3		
			Co-Major Second Teaching Area Unit	3				
	UA4 + SEMESTER 1 TOTAL		15	SEMESTER 2 + ST4 TOTAL		12		
Year 4 - 2027		School Term 1 (ST1)		Semester 1 (S1)		Semester 2		
		EDN473 Teaching Maths 11-12	3	Second Teaching Area Unit	3	EDN499 QTPA (EP4)	3	
		EDN47X Second Teaching Area Curriculum	3	Adv Maths Specified Elective	3	EDN4301 Final Professional Experience (EP3) *	6	
	SEMESTER 1 +ST1 TOTAL		12	SEMESTER 2 TOTAL		9		
Total Credit Points							96	
**Mathematics Specified Elective Units to choose from:			MAS162					

MAS182
 MAS223 (pre req MAS183)
 MAS351 (pre req MAS220 or MAS221)
 MAS352 (pre req MAS221 & and any part 2 Maths unit)
 MAS353 (pre req MAS222 or MAS223)
 MAS354 (pre req MAS2210)

Second Teaching Area (Co-Major) choices

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

* Denotes a **Placement Unit**

Students are required to enrol in placement units at the **beginning** of the calendar year.

Placement lengths and dates vary from year to year. Students are advised to review the [School of Education Academic Calendar](#) each year and seek clarification from the [Handbook](#) regarding placement length and requirements.

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 (<https://handbook.murdoch.edu.au/>). Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course. Correct as at 15/08/2023