

B1368 Bachelor of Education (Secondary)

(MJ- MAMS) Mathematics Teaching (Major)

Second Teaching Area (Co-Major)

Academic Chair

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

Year:

2024

Semester:

2

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)

		School Term 3 (ST3)		Semester 2 (S2)					
		Units	CP	Units	CP	Units	CP		
Year 1 - 2024			EDN180 Literacy & Numeracy in Secondary Education (<i>commences earlier than S2. This unit can be undertaken in 2025 alternatively in ST3</i>)	3	BED150 Understanding Teachers Work*		3		
				MAS164 Fundamentals of Mathematics		3			
				Second Teaching Area Unit		3			
				SEMESTER 2 + ST3 TOTAL		12			
Year 2 - 2025	Semester 1 (S1)				Semester 2 (S2)				
	BED100 Ideas in Education		3	Second Teaching Area Unit		3			
	EDN113 Living & Learning with Technology		3	MAS161 Calculus & Matrix Algebra		3			
	MAS182 Applied Mathematics		3	MAS183 Statistical Data Analysis		3			
	Second Teaching Area Unit		3	Co-Major Second Teaching Area Unit		3			
	SEMESTER 1 TOTAL		12			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		Level 2 Maths Specified Elective		3		
	EDN358 Creating & Managing Effective Learning Environments		3			MAS162 Foundation of Discrete Mathematics		3	
	Second Teaching Area Unit		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)		
	EDN451 Adolescent, Family & Community Health	3	EDN37X Curriculum Unit – 2 nd Teaching Area		3	EDN449 Inclusive Education (ST3)		3	EDN340 Professional Experience Secondary *
			EDN353 Country Cultures People: ATSI Perspectives		3	Level 3 Maths Spec Elec		3	
			MAS222 Probability & Statistical Inference		3				
	UA4 + SEMESTER 1 TOTAL		12			SEMESTER 2 + ST4 TOTAL		9	

Year 4 - 2027	School Term 1 (ST1)		Semester 1 (S1)		
	EDN473 Teaching Maths 11-12	3	EDN499 QTPA (EP4)	3	
	EDN47X Second Teaching Area Curriculum	3	EDN4301 Final Professional Experience (EP3) *	6	
	SEMESTER 1 +ST1 TOTAL			15	

Total Credit Points | 96

****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)

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