

B1368 Bachelor of Education (Secondary)

(MJ- MAMS) Mathematics Major Teaching Area (Major)

Second Teaching Area (Co-Major)

Academic Chair

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

Year:

2025

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)				
Year 1 - 2025	Units	CP	Units	CP	Units	CP		
			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 - 2026	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 - 2027	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 - 2028	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 *	3
			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 - 2029	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: <u>Level 200</u> MAS221 (pre-req MAS182) MAS223 (pre-req MAS183)		<u>Level 300</u> MAS353 (pre req MAS222 or MAS223) MAS354 (pre-req MAS221)				
Second Teaching Area (Co-Major) choices						
English (CJ-ET)	Secondary Education Support (CJ-SES)	Biological Science (CJ-BESM)	Earth & Environment Science (CJ-EESM)	HASS (CJ-HASS)	Physical Sciences (CJ-PHS)	
EGL100 EGL102 EGL301 EGL207 or EGL231 EGL204 or EGL235 or EGL246 EDN372 EDN472	PSY172 SIK102 EDN328 EDN329 EDN330 EDN323	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	
<p>* 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.</p>						
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						