

# 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](mailto: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
<b>Year 1 - 2024</b>		BED100 Ideas in Education	3	EDN180 Literacy & Numeracy in Secondary Education	3	BED150 Understanding Teachers Work*	3
		EDN113 Living & Learning with Technology	3			MAS182 Applied Mathematics	3
		MAS164 Fundamentals of Mathematics	3			Second Teaching Area Unit	3
		Second Teaching Area Unit	3				
		<b>SEMESTER 1 TOTAL</b>	<b>12</b>			<b>SEMESTER 2 + ST3 TOTAL</b>	<b>12</b>
<b>Year 2 - 2025</b>		<b>Semester 1 (S1)</b>		<b>Placement Period (EP3)</b>		<b>Semester 2 (S2)</b>	
		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			Level 2 Maths Specified Elective	3
		MAS161 Calculus & Matrix Algebra	3				
	<b>SEMESTER 1 TOTAL</b>	<b>12</b>			<b>SEMESTER 2 + EP3 TOTAL</b>	<b>12</b>	
<b>Year 3 - 2026</b>	<b>Summer (UA4)</b>	<b>Semester 1 (S1)</b>		<b>Semester 2 (S2)</b>		<b>School Term 4 (ST4)</b>	
	EDN451 Adolescent, Family & Community Health 3	EDN37X Curriculum Unit – 2 <sup>nd</sup> Teaching Area	3	EDN449 Inclusive Education	3	EDN340 Professional Experience Secondary *	3
		EDN353 Country Cultures People: ATSI Perspectives	3	MAS162 Foundation of Discrete Mathematics	3		
		Co-Major Second Teaching Area Unit	3	MAS183 Statistical Data Analysis	3		
		MAS222 Probability & Statistical Inference	3				
	<b>UA4 + SEMESTER 1 TOTAL</b>	<b>15</b>			<b>SEMESTER 2 + ST4 TOTAL</b>	<b>12</b>	
<b>Year 4 - 2027</b>	<b>School Term 1 (ST1)</b>		<b>Semester 1 (S1)</b>		<b>Semester 2</b>		
	EDN473 Teaching Maths 11-12	3	Second Teaching Area Unit	3	EDN499 QTPA (EP4)	3	
	EDN47X Second Teaching Area Curriculum	3	Level 3 Maths Spec Elec	3	EDN4301 Final Professional Experience (EP3) *	6	
			<b>SEMESTER 1 + ST1 TOTAL</b>	<b>12</b>	<b>SEMESTER 2 TOTAL</b>	<b>9</b>	
						<b>Total Credit Points</b>	<b>96</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)

**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