

B1368 Bachelor of Education (Secondary)

(MJ-PHS) Physical Sciences Teaching (Major)

Second Teaching Area (Co-Major)

Academic Chair

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

Mathematics Teaching (CJ-MAMS)

Year:

2026

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 – Opts, EDN100 LANTITE Attempt – Opts, EDN298 LANTITE Literacy – Opts, EDN299 LANTITE Numeracy – Opts (STUDENTS DO NOT ENROL IN THESE 4 UNITS)

		School Term 3 (ST3)		Semester 2 (S2)		
		Units	CP	Units	CP	
Year 1 - 2026				BED150 Understanding Teachers Work*	3	
				PEN152 Principles of Physics	3	
				MAS164 Fundamentals of Mathematics	3	
				SEMESTER 2 + ST3 TOTAL	12	
Year 2 - 2027	Semester 1 (S1)			Semester 2 (S2)		
		BED100 Ideas in Education	3		MAS182 Applied Mathematics	3
		EDN113 Living & Learning with Technology	3		PEN200 The Quantum Realm	3
		CHE144 Foundations of Chemistry	3		MAS161 Calculus & Matrix Algebra	3
		MAS183 Statistical Data Analysis	3		Physical Sciences Specified Elective *	3
	SEMESTER 1 TOTAL	12		SEMESTER 2 TOTAL	12	
Year 3 - 2028	Semester 1 (S1)			Placement Period (EP3)		
		EDN221 Learning & Teaching	3	EDN2101 Professional Experience Secondary *	3	
		EDN376 Teaching Science 7-10	3		Mathematics Specified Elective **	3
		EDN358 Creating & Managing Effective Learning Environments	3		CHE200 Electrochemistry & Electromagnetism	3
		CHE207 Chemical Analysis	3			
	SEMESTER 1 TOTAL	12		SEMESTER 2 + EP3 TOTAL	12	
Year 4 - 2029	Summer (UA4)			Semester 2 (S2)		
		EDN451 Adolescent, Family & Community Health	3	EDN449 Inclusive Education (ST3)	3	
		EDN373 Teaching Maths 7-10	3	Physical Sciences Specified Elective *	3	
		EDN353 Country Cultures People: ATSI Perspectives	3		EDN340 Professional Experience Secondary *	3
	PEN201 Thermodynamics for Chemistry & Physics	3				
	UA4 + SEMESTER 1 TOTAL	12		SEMESTER 2 + ST4 TOTAL	9	

Year 5 - 2030	School Term 1 (ST1)		Semester 1 (S1)			
	EDN476 Teaching Science 11-12	3	EDN499 QTPA (EP4)	3		
	EDN473 Teaching Maths 11-12	3	EDN4301 Final Professional Experience (EP3) *	6		
	<i>SEMESTER 1 +ST1 TOTAL</i>			15		

Total Credit Points | 96

Physical Specified Electives:

*** Physical Sciences Specified Elective Units to choose from (choose 2):**

CHE140 Fundamentals of Chemistry
 PEN120 General Physics
 BIO103 Environmental Biology

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

MAS220 Mathematical Methods
 MAS222 Probability and Statistical Inference
 MAS221 Mathematical Modelling
 EDN329 Teaching Mathematics and Numeracy for Students with Learning Difficulties

*** 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 15/05/2026