B1368 Bachelor of Education (Secondary) (Physical Sciences Teaching Major MJ-PHS)

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Start Date: Semester 1 2027

*For students beginning from 2026, LANTITE must be **attempted** in the first year of study. EDN100 (0-point unit) will show in advanced standing when this has been attempted.*

Year 1 – 2027	**Semester 1 Units (S1 and S1E)**	**CP**	**School Term 3 Units (ST3)**	**CP**
	BED100 Ideas in Education	3	EDN180 Literacy & Numeracy in Secondary Education	3
	EDN113 Living & Learning with Technology	3	**Semester 2 Units (S2 and S2E)**	**CP**
	Physical Sciences Specified Elective Unit (See below)	3	**BED150 Understanding Teachers Work (10 day block, [term3]) *(prereqs: BED100)***	3
	MAS183 Statistical Data Analysis	3	Physical Sciences Specified Elective Unit (See below)	3
			MAS164 Fundamentals of Mathematics	3
	Total	**12**	**Total**	**12**
Year 2 - 2028	**Semester 1 Units (S1 and S1E)**	**CP**	**School Term 3 Units (ST3)**	**CP**
	EDN221 Learning & Teaching *(prereqs: BED150, EDN100 LANTITE attempt)*	3	** EDN2101 Professional Experience Secondary (20 day block, [term3]) *(prereqs: EDN221)*	3
	EDN376 Teaching Science *(prereqs: BED150; coreqs: EDN221)*	3	**Semester 2 Units (S2 and S2E)**	**CP**
	EDN358 Creating & Managing Effective Learning Environments *(prereqs: BED150)*	3	BED200 Assessment & Action Research *(prereqs: EDN221)*	3
	CHE144 Foundations of Chemistry *(prereqs: CHE140 or ATAR Chemistry)*	3	**PEN152 Principles of Physics** *(prereqs: PEN120 or ATAR Physics)*	3
			MAS182 Applied Mathematics (*prereqs: MAS164*)	3
	Total	**12**	**Total**	**12**
Year 3 - 2029	**Summer Units (UA4)**	**CP**	**Semester 2 Units (S2 and S2E)**	**CP**
	EDN451 Adolescent, Family & Community Health	3	**PEN200 The Quantum Realm** *(prereqs: CHE144 and PEN152)*	3
	Semester 1 Units (S1 and S1E)	**CP**	EDN449 Inclusive Education *(prereqs: BED200)*	3
	EDN373 Teaching Mathematics (*prereqs: BED150; coreqs: EDN221*)	3	**CHE200 Electrochemistry & Electromagnetism** *(prereqs: CHE144 and PEN152)*	3
	EDN353 Country Cultures People: ATSI Perspectives *(prereqs: EDN221)*	3	**School Term 4 Units (ST4)**	**CP**
	MAS161 Calculus & Matrix Algebra (prereqs: MAS182)	3	** EDN340 Professional Experience Secondary Teaching (10 day block and 10 days distributed, [term4]) *(prereqs: EDN2101)*	3
	CHE207 Chemical Analysis *(prereqs: CHE144)*	3		
	Total	**15**	**Total**	**12**
Year 4 - 2030	**School Term 1 Units (ST1)**	**CP**	**Semester 2 Units (S2E)**	**CP**
	EDN476 Teaching Senior Secondary Science *(prereqs: EDN376)*	3	** EDN4301 Final Professional Experience 2: Secondary Teaching (EP3, 30 day block, [term3]) *(prereqs: Everything except EDN4301 and EDN499)*	6
	EDN473 Teaching Senior Secondary Mathematics *(prereqs: EDN373 and EDN340)*	3	EDN499 QTPA (EP4) *(prereqs: Everything except EDN4301 and EDN499)*	3
	Semester 1 Units (S1)	**CP**		
	PEN201 Thermodynamics for Chemistry & Physics *(prereqs: CHE144 and PEN152)*	3		
	Mathematics elective Unit (See below)	3		
	Total	**12**	**Total**	**9**

TOTAL CREDIT POINTS 96

-ALL students must also complete the following units: EDN298 LANTITE Literacy – 0pts; EDN299 LANTITE Numeracy – 0pts, EDN100 LANTITE attempt (first year of study). Students do not enrol in these three units. They will receive advanced standing for these, which is required to progress within and graduate from the course. **https://teacheredtest.acer.edu.au/**

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

-BED100 (Ideas in Education) must be completed in your first semester of study.

-All units are 3 Credit Points (CPs) unless otherwise stated.

MAJOR UNITS

Required core units are shown in bold.

Additionally, students must enrol in the following specified elective units to complete their major.

Specified Electives – 6 Credit Points
Undertake **TWO** of the following specific electives • PEN120 General Physics [S1 or S2] • CHE140 Fundamentals of Chemistry [S1 or S2] • BIO103 Environmental Biology [S1]

CO-MAJOR AREAS OF STUDY – Students must enrol in the Mathematics Teaching Co-Major (CJ-MATM) and complete the required units.

Required core units are shown in bold.

Mathematics (CJ-MATM)
Undertake **ALL** the following specified units • **MAS164** Fundamentals of Mathematics [S1 or S2] • **MAS182** Applied Mathematics [S1 or S2] *(prereqs: MAS164)* • **MAS161** Calculus & Matrix Algebra [S1 or S2] *(prereqs: MAS182)* • **MAS183** Statistical Data Analysis [S1 or S2] • **EDN373** Teaching Mathematics [S1E] (prereqs: BED150; coreqs: EDN221) • **EDN473** Teaching Senior Secondary Mathematics [ST1] (prereqs: EDN373 and EDN340) Choose **ONE** of the following specified electives • EDN329 Teaching Mathematics and Numeracy to Students with Learning Difficulties [S2] (prereqs: EDN2101) • MAS221 Mathematical Modelling and Differential Equations [S2] (prereqs: MAS161 or MAS182) • MAS222 Probability & Statistical Inference [S1] (prereqs: MAS182 and (MAS183 or MAS162)) • MAS223 Applied Statistics [S2] (prereqs: MAS183)

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the Handbook for your year of commencement. Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 20/11/26.