

Sample Course Plan - Semester 1 2022 entry
B1368 Bachelor of Education (Secondary Teaching)
Chemistry Major Teaching Area– 96 points
With a co-major in Mathematics Minor Teaching Area
 Academic Chair: Alison Hilton A.Hilton@murdoch.edu.au

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

	Summer	Semester 1	Semester 2
Year 1		BED100 Ideas in Education 3pts EDN111 Language for Learning & Teaching 3pts EDN113 Living & Learning with Technology 3pts CHE144 Foundations of Chemistry 12pts	BED150 Understanding Teachers Work 3pts MAS164 Fundamentals of Mathematics 3pts MAS183 Statistical Data Analysis 3pts CHE205 Organic & Biological Chemistry I 12pts
Year 2		EDN221 Learning & Teaching 3pts CHE202 Physical Chemistry I 3pts CHE308 Organic & Biological Chemistry II 3pts MAS182 Applied Mathematics 12pts	BED200 Assessment & Action Research 3pts EDN2101 Professional Experience: Major 3pts Chemistry Specified Elective* 3pts MAS161 Calculus & Matrix Algebra 12pts
Year 3	EDN451 Adolescent, Family & Community Health (3pts)	EDN376 Teaching Science 3pts EDN373 Teaching Mathematics 3pts EDN353 Country, Cultures, Peoples: ATSI Perspectives 3pts Chemistry Specified Elective * 15pts	Mathematics Specified Elective ** 3pts CHE304 Materials Chemistry 3pts EDN340 Professional Experience: Minor 3pts EDN449 Inclusive Education 12pts
Year 4		EDN358 Creating & Managing Effective Learning Environments 3pts EDN476 Teaching Senior Secondary Science 3pts PEN152 Principles of Physics 3pts EDN473 Teaching Senior Secondary Mathematics 12pts	EDN499 – QTPA 3pts EDN4301 Professional Internship 9pts

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

CHE140 Fundamentals of Chemistry

PEN120 General Physics

CHE347 Physical Chemistry II (pre-req CHE202)

PEN202 Thermodynamics for Physics and Nanotechnology (pre-req PEN152 & MAS182)

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

MAS220 Mathematical Methods

MAS222 Probability and Statistical Inference

MAS221 Mathematical Modelling

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](#). This course plan will vary depending on chosen additional majors/minors and your academic progression.

Students should note that due to unit prerequisites, commencing study in semester 2 may extend the duration of the course.

Approved B1368 Bachelor of Education in Secondary Teaching Major/Minor Teaching Area Combinations

Major Teaching Area (Select One)	Minor Teaching Area (Select One from the same row of your major)
Advanced Mathematics Major Teaching Area	1) Biological Science Minor Teaching Area 2) Chemistry Minor Teaching Area 3) Earth and Environmental Science Minor Teaching Area 4) English Minor Teaching Area 5) Humanities and Social Sciences Minor Teaching Area 6) Physics Minor Teaching Area
Biology and Environmental Science Major Teaching Area	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
Biology and Human Biology Major Teaching Area	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
Chemistry Major Teaching Area	1) Mathematics Minor Teaching Area
Earth and Environmental Science Major Teaching Area	1) English Minor Teaching Area 2) Humanities and Social Sciences Minor Teaching Area 3) Mathematics Minor Teaching Area
English Major Teaching Area	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) Humanities and Social Sciences Minor Teaching Area 4) Mathematics Minor Teaching Area
Geography and Business & Enterprise (HASS) Major Teaching Area	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) English Minor Teaching Area 4) Mathematics Minor Teaching Area
History (HASS) Major Teaching Area	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) English Minor Teaching Area 4) Mathematics Minor Teaching Area
Mathematics Major Teaching Area	1) Biological Science Minor Teaching Area 2) Chemistry Minor Teaching Area 3) Earth and Environmental Science Minor Teaching Area 4) English Minor Teaching Area 5) Humanities and Social Sciences Minor Teaching Area 6) Physics Minor Teaching Area
Health and Physical Education Major Teaching Area	1) General Science Minor Teaching Area
Physics Major Teaching Area	1) Mathematics Minor Teaching Area
Politics (HASS) Major Teaching Area	1) Biological Science Minor Teaching Area 2) Earth and Environmental Science Minor Teaching Area 3) English Minor Teaching Area 4) Mathematics Minor Teaching Area

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