

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

As students fulfil the requirements of the following units, they will be enrolled by the University as a record of completion.

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 MAS164 Fundamentals of Mathematics 12pts | BED150 Understanding Teachers Work 3pts MAS183 Statistical Data Analysis 3pts PEN152 Principles of Physics 3pts MAS182 Applied Mathematics 12pts |
| Year 2 | | EDN221 Learning & Teaching 3pts MAS161 Calculus & Matrix Algebra 3pts EDN358 Creating & Managing Effective Learning Environments 3pts Physics Category 1 Specified Elective* 12pts | BED200 Assessment & Action Research 3pts EDN2101 Professional Experience: Major 3pts CHE144 Foundations of Chemistry 3pts PEN202 Thermodynamics 12pts |
| Year 3 | EDN451 Adolescent, Family & Community Health (3pts) | EDN376 Teaching Science 3pts EDN373 Teaching Mathematics 3pts PEN231 Modern Physics 3pts PEN332 Electromagnetism 3pts 15pts | Mathematics Specified Elective ** 3pts Physics Category 2 Specified Elective* 3pts PEN317 Physics of Materials 3pts EDN340 Professional Experience: Minor 12pts |
| Year 4 | | EDN353 Country, Cultures, Peoples: ATSI Perspectives 3pts EDN449 Inclusive Education 3pts EDN476 Teaching Senior Secondary Science 3pts EDN473 Teaching Senior Secondary Mathematics 12pts | EDN499 – QTPA 3pts EDN4301 Professional Internship 6pts 9pts |

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

Category 1:

PEN120

BIO103

Category 2:

CHE140

PEN261 (pre-req PEN152, MAS161)

**** 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 |
| Physics Major Teaching Area | 1) Mathematics Minor Teaching Area |
| Health and Physical Education Major Teaching Area | 1) General Science 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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