Bachelor of Education (Secondary) (ED90)

Year offered: 2010
Admissions: Yes
CRICOS code: 000783G
Course duration (full-time): 4 years
Domestic fees (indicative): 2010: CSP $2,655 (indicative) per semester
International Fees (indicative): 2010: $10,750 (indicative) per semester
International Entry: February
QTAC code: B Education (Secondary): 404492. B Education (Secondary) - Home Economics: 404382. B Education (Secondary) - Physical Education: 404402
OP Guarantee: Yes
Assumed knowledge: English (4, SA); For Maths specialisation: Maths B (4, SA)
Preparatory studies: For information on acquiring assumed knowledge visit http://www.studentservices.qut.edu.au/apply/ug/info/knowledge.jsp
Total credit points: 384
Standard credit points per full-time semester: 48
Course coordinator: Contact Education Student Affairs Section 3138 3947, or educationenq@qut.edu.au
Discipline coordinator: Course Coordinator: Dr Mal Shield
Campus: Gardens Point and Kelvin Grove

Career Outcomes

You will be prepared to teach in two curriculum or teaching areas in secondary schools.

Deferment

QUT allows current Year 12 school leavers to defer their undergraduate admission offer for one year, or for six months if offered mid-year admission, except in courses using specific admission requirements such as questionnaires, folios, auditions, prior study or work experience.

Non-year 12 students may also request to defer their QTAC offer on the basis of demonstrated special circumstances.

Find out more on deferment.

Literacy Standards

All students are required to satisfactorily complete assessment criteria relating to Queensland College of Teachers’ literacy standards by the end of year 3 of their course in order to meet course and QCT professional accreditation requirements. Literacy modules have been developed as a remedial action for students who do not attain satisfactory standards on the relevant literacy criterion during their assessment in the first year of their studies. Students will have the support of the First Year Experience Coordinator.

Students may attempt these modules any number of times during the first three years of their program. At the end of year 3, unsatisfactory results within course work and these modules may result in a recommendation for an early exit from the four year degree.

Professional Recognition

The Bachelor of Education (Secondary) is recognised by the Queensland College of Teachers as meeting the requirements for registration as a teacher in Queensland. Applicants for teacher registration in Queensland are subject to national criminal history checks. Graduates looking for employment in other parts of Australia and overseas may be required to meet additional conditions.

Please note that the majority of supervised professional experience must occur in Australian Secondary school settings.

Working With Children Check

As required by the Commission for Children and Young People and Child Guardian Act (2000), student teachers must undergo a criminal history check and be issued with a Suitability Card (Blue Card) by the Commission.

As soon as you enter your enrolment program for the course, you must submit your Blue Card application to the QUT Student Centre immediately. You must hold a Blue Card to undertake activities in any unit which involves contact with children, including the required field studies blocks.

If you do not apply for a Blue Card immediately upon enrolment in the course and allow sufficient time for the police check and issuing of the Card, you will be unable to participate in the required activities and may need to be withdrawn from the unit(s) and incur both financial and academic penalty. It may take up to 8 weeks for the Commission to issue the Card. The application form is available at bluecard.qut.com.

Teaching Area Combinations

Students will select their two teaching areas from the lists (one from Group X and one from Group Y) shown in
STRUCTURES under the Course Structure heading below.

Course Structure
The Bachelor of Education is an exciting learning opportunity, which will challenge students to investigate, question, and create new knowledge about teaching and learning. The course has been designed using the principles of outcomes-based education; an educational approach that not only describes the long-term learning outcomes that are desired from the course, but which accepts that the learning pathway towards these outcomes may be different for individual students.

Students complete a total of 384 credit points of study and will specialise in two teaching areas appropriate for teaching grades 8-12 in Queensland. The teaching area studies are also referred to as discipline studies.

Students will undertake discipline studies, education-related studies and a minimum of 100 days of field study experience in a range of classrooms and other educational settings, and curriculum studies relevant to the selected teaching areas. Core education units will cover teaching and learning studies, technology studies, Indigenous and sociocultural studies.

Successful applicants receive an offer in one of three streams: General, Home Economics or Physical Education. Restrictions apply to some teaching area combinations.

Please note that the Internship is to be taken as the final unit of study in the course, and successful completion of all other coursework is required before students can commence the final Internship unit EDB035.

Research Pathway Option
At the end of Year 2, certain students will be invited to undertake the Research Minor Option. This option is designed to meet the needs of students wishing to undertake research-based higher degree study in the course of their future career. The pathway is designed to develop research skills and a research-oriented, reflective approach to teaching.

Early Exit Option
Students who are unable to complete ED90 can exit with ED45 Bachelor of General Studies (288cps) on meeting specific criteria.

There is no direct entry to the Bachelor of General Studies and this course does not provide eligibility for Teacher Registration. Students wishing to exit from ED90 with ED45 should contact the Course Administration Officer on 3138 3948.

Further Information
Faculty of Education Office: Phone +61 7 3138 3948; Fax +61 7 3138 3949; e-mail: jo.wakefield@qut.edu.au

Designated Units
Students who do not successfully complete the requirements of practicum units will have their progress in the course reviewed. Please refer to the unit outlines for more information and/or the Student Services website

COURSE STRUCTURE - ALL STUDENTS use this table to structure your enrolment, then see lists below

FOR CHOICE OF DISCIPLINE X, DISCIPLINE Y, CURRICULUM AND EDUCATION ELECTIVE UNITS, please refer to the appropriate lists.

PLEASE NOTE THAT DISCIPLINE UNITS CANNOT BE STUDIED IN THE SAME SEMESTER AS A FIELD STUDIES UNIT, unless it is of only 9 week duration. If students do not follow the standard course progression (eg due to a fail grade, or non enrolment in units), time will be added onto the course duration, and you should contact Student Affairs for progression advice, jo.wakefield@qut.edu.au

All other course requirements must have been successfully completed before commencing EDB034 and EDB035 in your final semester of study. This is a University and Queensland College of Teachers requirement.

Students must have a valid Bluecard to be eligible for Field Studies units.

COURSE STRUCTURE

Year 1, Semester 1
EDB006 Learning Networks
2 X UNITS 2 x Discipline Studies X Unit
1 Y UNIT 1 x Discipline Studies Y Unit

Year 1, Semester 2
EDB001 Teaching and Learning Studies 1: Teaching in New Times
1 X UNIT 1 x Discipline Studies X Unit
2 Y UNITS 2 x Discipline Studies Y Unit

Year 2, Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1
1 X UNIT Curriculum Studies 1X Unit
1 Y UNIT Curriculum Studies 1Y Unit

Year 2, Semester 2
EDB007 Culture Studies: Indigenous Education
except HPE and HEC students who study an extra discipline unit
2 X UNITS 2 x Discipline Studies X Unit
1 Y UNIT 1 x Discipline Studies Y Unit

Year 3, Semester 1
OPTION Education Elective Unit
OR Extra Discipline Elective Unit in Discipline X or Y, or from any other teaching area
AND
1 X UNIT 1 x Discipline Studies X Unit
2 Y UNITS 2 x Discipline Studies Y Unit

Year 3, Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies 2
1 X UNIT Curriculum Studies 2X Unit
1 Y UNIT Curriculum Studies 2Y Unit

Year 4, Semester 1
EDB004 Teaching and Learning Studies 4: Inclusive Education
EDB033 Secondary Field Studies 3
1 X UNIT Curriculum Studies 3X Unit
1 Y UNIT Curriculum Studies 3Y Unit

Year 4, 6TP4
EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
OPTION Education Elective Unit (6TP4 mode)
Only PE and HEC students to take EDB007 (6TP4 mode), and all other students choose from the options list, as should have completed EDB007 in Year 2 sem 2

Year 4, Semester 2
EDB034 Secondary Field Studies 4
Please note that successful completion of all other coursework is required before students can commence the final Internship unit

EDB035 Internship (Secondary)

Teaching area choices - Discipline X and Discipline Y
Students must choose one teaching area from Discipline X, and one from Discipline Y only.

****GROUP X**** Where the same subject is listed in both Groups X and Y (eg. English), it may only be selected once.
Home Economics (available only to students entering through the Home Economics entry point)
Physical Education (available only to students entering through the Physical Education entry point)
English
Accounting/Business Management
Business Communication & Technologies
English as a Second Language
Mathematics - cannot combine with Mathematics (Intermediate); and has an Assumed Knowledge of Maths B (4 SA).
Mathematics (Intermediate) - cannot combine with Mathematics; and has an Assumed Knowledge of Maths A (HA).
Science Studies - cannot combine with Biology, Chemistry, Physics, Earth Science
Social Science
Computing (not offered in 2010 for commencing students)

****GROUP Y**** Where the same subject is listed in both Groups X and Y (eg. English), it may only be selected once.
Accounting/Business Management
Business Communication & Technologies
Biology - cannot combine with Science Studies
Chemistry - cannot combine with Science Studies
Earth Science - cannot combine with Science Studies
Physics - cannot combine with Science Studies
English
Film & Media Studies (subject to quota)
Geography
Health Education
History
Legal Studies

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LOTE: French, German, Indonesian, Japanese - cross-institutional enrolment at either UQ or GU

LOTE: Mandarin

Mathematics - cannot combine with Mathematics (Intermediate)

Mathematics (Intermediate) - cannot combine with Mathematics

NOTE:

Students selecting Home Economics or Physical Education are to complete 96 credit points in these areas.

Maths (Intermediate) equips students to teach maths in years 7-10, as well as Maths A, Prevocational Maths and Functional Maths in years 11-12.

There may be limited places in some disciplines as a second teaching area.

Some subjects are taught at Gardens Point campus and timetable incompatibilities may exist with subjects taught at Kelvin Grove.

LOTE - Mandarin units will be administered by QUT, but all other languages will be available to QUT students through cross-institutional enrolment at either UQ or Griffith. Travel between campuses will be required, and timetable clashes may occur.

ED90 Elective units

Extra Discipline Unit - Year 3, semester 1

This unit can be an additional discipline X or Y unit, or be chosen from any other teaching area on the ED90 course summary sheet

OR

Education Elective Unit - Year 3, semester 1

CLB049 The Global Teacher

SPB004 Teaching Students with Learning Difficulties

SPB006 Educational Counselling

SPB012 Classroom and Behaviour Management

SPB018 Teaching Strategies

SPB020 Classroom Assessment Practices

Education Elective Unit - Year 4, 6TP4

SPB012 Classroom and Behaviour Management

SPB020 Classroom Assessment Practices

EDB007 Only PE and HEC students to take EDB007 (6TP4 mode), all other students should have completed this unit in Year 2 sem 2

SPB006 Educational Counselling

If enrolled in SPB006, must choose BLOCK option in semester 2, as no 6TP4 version available, and all assessment must be completed and graded prior to commencement of Internship. Contact Course Admin Officer and Unit Coordinator for further advice and SPB006 block dates

ED90 Curriculum Studies Units

Curriculum Studies 1 Units

CLB051 Business Education Curriculum Studies 1

CLB051 covers ABM, BCT, and Legal Studies teaching areas

MDB015 Computing Curriculum Studies 1

CLB018 English Curriculum Studies 1

CLB021 English as a Second Language Curriculum Studies 1

CLB024 Film and Media Curriculum Studies 1

HMB292 Health Education Curriculum Studies 1

PUB343 Home Economics Curriculum Studies 1

CLB036 LOTE Curriculum Studies 1

MDB021 Mathematics Curriculum Studies 1

HMB231 Physical Education Curriculum Studies 1

MDB031 Science Education Curriculum Studies 1

MDB031 covers BIO, CHM, EAS, PHY and Science Studies teaching areas

CLB054 Social Education Curriculum Studies 1

CBL054 covers SOS, HIS, GEG, and Legal Studies teaching areas

Curriculum Studies 2 Units

CLB010 Accounting and Business Management Curriculum Studies 2

MDB010 Biology Curriculum Studies 2

CLB013 Business and Communication Technologies Curriculum Studies 2

MDB013 Chemistry Curriculum Studies 2

MDB016 Computing Curriculum Studies 2

MDB019 Earth Science Curriculum Studies 2

CLB019 English Curriculum Studies 2

CLB022 ESL Curriculum Studies 2

CLB025 Film and Media Curriculum Studies 2

CLB028 Geography Curriculum Studies 2

HMB396 Health Education Curriculum Studies 2

CLB031 History Curriculum Studies 2
Research Pathway students will undertake two further research and dissertation units in Years 3 and 4 of the program in addition to discipline, professional and curriculum studies units timetabled for those semesters. Research Pathway students will not undertake any pathway electives. PE and HEC students wishing to take this pathway will need to undertake an additional 48 cps of study and may need to extend their course by one semester. Students interested in this pathway should contact the Research Pathway Coordinator, Dr Sue Walker on 3138 3195 or sue.walk@qut.edu.au

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Year 3, Semester 1

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<tbody>
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<td>EDB410</td>
<td>Introduction To Research Methods</td>
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| 1 X UNIT | 1 x Discipline Studies X Unit |
| 2 Y UNITS | 2 x Discipline Studies Y Unit |

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Year 3, Semester 2

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<td>Teaching and Learning Studies 3: Practising Education</td>
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<td>EDB032</td>
<td>Secondary Field Studies 2</td>
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Year 4, Semester 1

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<td>EDB033</td>
<td>Secondary Field Studies 3</td>
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<td>Curriculum Studies 3X</td>
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Year 4, Semester 2

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<td>Teaching and Learning Studies 5: Professional Work of Teachers</td>
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<td>EDB034</td>
<td>Secondary Field Studies 4</td>
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<tr>
<td>EDB035</td>
<td>Internship (Secondary)</td>
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UNITS FOR 2010 COMMENCING STUDENTS - Choose one teaching area from Group X and one from Group Y

ENROLMENT INFORMATION FOR FIRST YEAR STUDENTS

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### Accounting and Business Management (ABM) - GROUP X

#### Year 1 Semester 1
- EDB006 Learning Networks
- BSB110 Accounting
- BSB123 Data Analysis
- UNIT 1 x Discipline Studies Y Unit

#### Year 1 Semester 2
- EDB001 Teaching and Learning Studies 1: Teaching in New Times
- AYB200 Financial Accounting
- 2 UNITS 2 x Discipline Studies Y Units

#### Year 2 Semester 1
- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB031 Secondary Field Studies 1
- CLB051 Business Education Curriculum Studies 1
- UNIT Curriculum Studies 1 Y Unit

#### Year 2 Semester 2
- EDB007 Culture Studies: Indigenous Education
- AYB221 Computerised Accounting Systems
- OPTION One unit from Unit Options List below
- UNIT 1 x Discipline Studies Y Unit

#### Year 3 Semester 1
- BSB115 Management
- UNIT 1 x Education Elective Unit or Extra discipline unit from any teaching area. See ED90 Elective units listed under COURSE STRUCTURE heading.
- 2 UNITS 2 x Discipline Studies Y Units

#### Year 3 Semester 2
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies 2
- CLB010 Accounting and Business Management Curriculum Studies 2
- UNIT Curriculum Studies 2 Y Unit

#### Year 4 Semester 1
- EDB004 Teaching and Learning Studies 4: Inclusive Education
- EDB033 Secondary Field Studies 3
- CLB053 Business Education Curriculum Studies 3
- UNIT Curriculum Studies 3 Y Unit

#### Year 4 Semester 2
- EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
- UNIT Education Elective Unit (6TP4 mode). See ED90 Elective units listed under COURSE STRUCTURE heading.
- PLEASE NOTE: all other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a University and Queensland College of Teachers requirement.
- EDB034 Secondary Field Studies 4
- EDB035 Internship (Secondary)

#### Unit Options list
- BSB119 Global Business
- BSB124 Working in Business
- BSB126 Marketing
- MGB201 Contemporary Employment Relations
- MGB200 Leading Organisations
- AYB225 Management Accounting

Accounting and Business Management (ABM) - GROUP Y

#### Year 1 Semester 1
- BSB110 Accounting

#### Year 1 Semester 2
- AYB200 Financial Accounting
- BSB123 Data Analysis

#### Year 2 Semester 1
- CLB051 Business Education Curriculum Studies 1

#### Year 2 Semester 2
- AYB221 Computerised Accounting Systems

#### Year 3 Semester 1
- BSB115 Management
- OPTION One unit from Unit Options List below

#### Year 3 Semester 2
- CLB010 Accounting and Business Management Curriculum Studies 2

#### Year 4 Semester 1
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies 2
- CLB010 Accounting and Business Management Curriculum Studies 2
- UNIT Curriculum Studies 2 Y Unit

#### Year 4 Semester 2
- EDB004 Teaching and Learning Studies 4: Inclusive Education
- EDB033 Secondary Field Studies 3
- CLB053 Business Education Curriculum Studies 3
- UNIT Curriculum Studies 3 Y Unit
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### Units Options List

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<td>BSB124</td>
<td>Working in Business</td>
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<td>BSB126</td>
<td>Marketing</td>
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<td>MGB201</td>
<td>Contemporary Employment Relations</td>
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<td>MGB200</td>
<td>Leading Organisations</td>
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**Accounting and Business Management (ABM) - GROUP Y (with BCT as GROUP X)**

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<tbody>
<tr>
<td>BSB110 Accounting</td>
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<tr>
<td>AYB200 Financial Accounting</td>
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<tr>
<td>BSB123 Data Analysis</td>
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<th>Year 2 Semester 1</th>
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<tr>
<td>UNIT Choose one option from the Curriculum Studies Unit Overlap Options below</td>
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<td>AYB221 Computerised Accounting Systems</td>
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<tr>
<td>BSB115 Management</td>
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<td>One unit from Unit Options List below</td>
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<tr>
<td>CLB010 Accounting and Business Management Curriculum Studies 2</td>
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**Business Communication & Technologies (BCT) - GROUP X**

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<tr>
<td>EDB006 Learning Networks</td>
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<td>CLB001 Records Management</td>
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<td>BSB119 Global Business</td>
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<td>UNIT 1 x Discipline Studies Y Unit?</td>
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<tbody>
<tr>
<td>EDB001 Teaching and Learning Studies 1: Teaching in New Times</td>
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<tr>
<td>CLB002 Computer Applications in BCT</td>
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<td>2 UNITS 2 x Discipline Studies Y Units?</td>
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<td>EDB031 Secondary Field Studies 1</td>
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<td>CLB051 Business Education Curriculum Studies 1</td>
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<td>UNIT Curriculum Studies 1 Y Unit?</td>
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<tbody>
<tr>
<td>EDB007 Culture Studies: Indigenous Education</td>
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<tr>
<td>CLB003 Administrative Procedures</td>
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<tr>
<td>OPTION One unit from Unit Options List below</td>
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<tr>
<td>UNIT 1 x Discipline Studies Y Unit?</td>
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<td>OPTION One unit from Unit Options List below</td>
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<tr>
<td>UNIT 1 x Education Elective Unit or Extra discipline unit from any teaching area. See ED90 Elective units listed under COURSE</td>
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STRUCTURE heading.

2 UNITS 2 x Discipline Studies Y Units?

Year 3 Semester 2

EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies 2
CLB013 Business and Communication Technologies Curriculum Studies 2
UNIT Curriculum Studies 2 Y Unit?

Year 4 Semester 1

EDB004 Teaching and Learning Studies 4: Inclusive Education
EDB033 Secondary Field Studies 3
CLB053 Business Education Curriculum Studies 3
UNIT Curriculum Studies 3 Y Unit?

Year 4 Semester 2

EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
UNIT Education Elective Unit (6TP4 mode). See ED90 Elective units listed under COURSE STRUCTURE heading.

PLEASE NOTE: All other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a University and Queensland College of Teachers requirement.

EDB034 Secondary Field Studies 4
EDB035 Internship (Secondary)

Unit Options List

BSB119 Global Business

BSB119 Global Business

Year 2 Semester 1
CLB051 Business Education Curriculum Studies 1

Year 2 Semester 2
CLB003 Administrative Procedures

Year 3 Semester 1
OPTION One unit from Unit Options List below
OPTION One unit from Unit Options List below

Year 3 Semester 2
CLB013 Business and Communication Technologies Curriculum Studies 2

Year 4 Semester 1
CLB053 Business Education Curriculum Studies 3

Unit Options List

BSB124 Working in Business
BSB123 Data Analysis
BSB126 Marketing
BSB110 Accounting
BSB115 Management
AMB230 Digital Promotions
MGB201 Contemporary Employment Relations

Business Communication & Technologies (BCT) - GROUP Y (with ABM as GROUP X)

Year 1 Semester 1
CLB001 Records Management

Year 1 Semester 2
CLB002 Computer Applications in BCT

Year 1 Semester 2
CLB002 Computer Applications in BCT

Year 2 Semester 1

CLB002 Computer Applications in BCT
BSB119 Global Business

Year 2 Semester 2

UNIT Choose one option from the Curriculum Studies Unit Overlap Options below

Year 3 Semester 1

OPTION One unit from Unit Options List below
OPTION One unit from Unit Options List below

Year 3 Semester 1

OPTION One unit from Unit Options List below
OPTION One unit from Unit Options List below
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<tbody>
<tr>
<td>CLB013 Business and Communication Technologies Curriculum Studies 2</td>
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<tbody>
<tr>
<td>UNIT Choose one option from the Curriculum Studies Unit Overlap Options below</td>
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</table>

**Unit Options list**
- BSB124 Working in Business
- BSB126 Marketing
- AMB230 Digital Promotions
- MGB201 Contemporary Employment Relations

**Curriculum Studies Unit Overlap Options**

There will be an overlap in Curriculum Studies with ABM, so choose two units from list below to replace Curriculum Studies 1 in Year 2 semester 1, and Curriculum Studies 3 in Year 3 semester 1.

- CLB049 The Global Teacher
- SPB018 Teaching Strategies
- MDB021 Mathematics Curriculum Studies 1
- MDB349 Excursions in Mathematical Reasoning
- CLB050 Movies and Popular Culture
- MDB391 Earth And Space
- HMB305 Personal Health
- CLB021 English as a Second Language Curriculum Studies 1

**Biology - GROUP Y (not to be taken with Science Studies)**

**Year 1 Semester 1**
- SCB112 Cellular Basis of Life

**Year 1 Semester 2**
- SCB120 Plant and Animal Physiology
- SCB122 Cell and Molecular Biology

**Year 2 Semester 1**
- MDB031 Science Education Curriculum Studies 1

**Year 2 Semester 2**
- NQB422 Genetics and Evolution

**Year 3 Semester 1**
- OPTION One unit from Unit Options list below

Year 3 Semester 2
- MDB010 Biology Curriculum Studies 2

Year 4 Semester 1
- MDB033 Science Education Curriculum Studies 3

**Unit Options list**
- LQB383 Molecular and Cellular Regulation
- NQB321 Ecology
- NQB323 Plant Biology
- LQB388 Medical Physiology 1
- NQB322 Invertebrate Biology

**Chemistry - GROUP Y (not to be taken with Science Studies)**

**Year 1 Semester 1**
- SCB111 Chemistry 1

**Year 1 Semester 2**
- SCB121 Chemistry 2
- SCB131 Experimental Chemistry

**Year 2 Semester 1**
- MDB031 Science Education Curriculum Studies 1

**Year 2 Semester 2**
- PQB312 Analytical Chemistry For Scientists and Technologists

**Year 3 Semester 1**
- PQB331 Structure and Bonding
- PQB313 Analytical Chemistry For Industry

**Year 3 Semester 2**
- MDB013 Chemistry Curriculum Studies 2

**Year 4 Semester 1**
- MDB033 Science Education Curriculum Studies 3

**Computing - GROUP X: NOT AVAILABLE FOR 2010 COMMENCING STUDENTS**

Please note that Computing is not a teaching area option for 2010 commencing students. You will need to choose an alternative teaching area from the list provided.

**Earth Science - GROUP Y (not to be taken with Science**
## Studies

### Year 1 Semester 1
- SCB110  Science Concepts and Global Systems

### Year 1 Semester 2
- NQB201  Planet Earth
- SCB111  Chemistry 1

### Year 2 Semester 1
- MDB031  Science Education Curriculum Studies 1

### Year 2 Semester 2
- NQB202  History of Life on Earth

### Year 3 Semester 1
- NQB302  Earth Surface Systems
- OPTION  One unit from Unit Options list below

### Year 3 Semester 2
- MDB019  Earth Science Curriculum Studies 2

### Year 4 Semester 1
- MDB033  Science Education Curriculum Studies 3

### Unit Options list
- NQB311  Mineralogy
- NQB321  Ecology
- MDB391  Earth And Space

### English - GROUP X

#### Year 1 Semester 1
- EDB006  Learning Networks
- CLB320  Studies In Language
- KWB209  Shakespeare, Then and Now
- UNIT  1 x Discipline Studies Y Unit?

#### Year 1 Semester 2
- EDB001  Teaching and Learning Studies 1: Teaching in New Times
- CLB322  Literature In Secondary Teaching
- 2 UNITS  2 x Discipline Studies Y Units?

#### Year 2 Semester 1
- EDB002  Teaching and Learning Studies 2: Development and Learning
- EDB031  Secondary Field Studies 1

- CLB018  English Curriculum Studies 1
- UNIT  Curriculum Studies 1 Y Unit?

#### Year 2 Semester 2
- EDB007  Culture Studies: Indigenous Education
- CLB446  Grammar in the Classroom: Theories and Pedagogies
- KWB109  Writing Australia
- UNIT  1 x Discipline Studies Y Unit?

#### Year 3 Semester 1
- KPB113  TV and Film Text Analysis
- UNIT  1 x Education Elective Unit or Extra discipline unit from any teaching area. See ED90 Elective units listed under COURSE STRUCTURE heading. ?
- 2 UNITS  2 x Discipline Studies Y Units?

#### Year 3 Semester 2
- EDB003  Teaching and Learning Studies 3: Practising Education
- EDB032  Secondary Field Studies 2
- CLB019  English Curriculum Studies 2
- UNIT  Curriculum Studies 2 Y Unit?

#### Year 4 Semester 1
- EDB004  Teaching and Learning Studies 4: Inclusive Education
- EDB033  Secondary Field Studies 3
- CLB020  English Curriculum Studies 3
- UNIT  Curriculum Studies 3 Y Unit?

#### Year 4 Semester 2
- EDB005  Teaching and Learning Studies 5: Professional Work of Teachers
- UNIT  Education Elective Unit (6TP4 mode). See ED90 Elective units listed under COURSE STRUCTURE heading.
  PLEASE NOTE: all other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a University and Queensland College of Teachers requirement. ?
- EDB034  Secondary Field Studies 4
- EDB035  Internship (Secondary)

### English - GROUP X (with Film & Media Studies as GROUP Y)

#### Year 1 Semester 1
<table>
<thead>
<tr>
<th>Year 1 Semester 2</th>
<th>Year 2 Semester 1</th>
<th>Year 2 Semester 2</th>
<th>Year 3 Semester 1</th>
<th>Year 3 Semester 2</th>
<th>Year 4 Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDB006 Learning Networks</td>
<td>EDB001 Teaching and Learning Studies 1: Teaching in New Times</td>
<td>EDB007 Culture Studies: Indigenous Education</td>
<td>OPTION One unit from Unit Options List below</td>
<td>EDB003 Teaching and Learning Studies 3: Practising Education</td>
<td>EDB004 Teaching and Learning Studies 4: Inclusive Education</td>
</tr>
<tr>
<td>CLB320 Studies In Language</td>
<td>CLB322 Literature In Secondary Teaching</td>
<td>CLB446 Grammar in the Classroom: Theories and Pedagogies</td>
<td>UNIT 1 x Education Elective Unit or Extra discipline unit from any teaching area. See ED90 Elective units listed under COURSE STRUCTURE</td>
<td>EDB031 Secondary Field Studies 2</td>
<td>EDB005 Teaching and Learning Studies 5: Professional Work of Teachers</td>
</tr>
<tr>
<td>KWB209 Shakespeare, Then and Now</td>
<td>KPB101 Introduction to Film, TV and New Media Production</td>
<td>KWB109 Writing Australia</td>
<td>KPB105 Narrative Production</td>
<td>CLB018 English Curriculum Studies 1</td>
<td>EDB034 Secondary Field Studies 4</td>
</tr>
<tr>
<td>KPB113 TV and Film Text Analysis</td>
<td>KPB112 TV and Film Genres</td>
<td>KPB205 Documentary Theory and Practice</td>
<td>EITHER</td>
<td>CLB024 Film and Media Curriculum Studies 1</td>
<td>EDB006 Learning Networks</td>
</tr>
</tbody>
</table>

Unit Options List

Students studying English and Film and Media have one overlap unit, KPB113, and must choose an option from the list below to replace this unit:

- KPB203 Australian Film
- CLB050 Movies and Popular Culture
- KWB208 Modern Times (Literature and Culture in the 20th Century)
- KWB308 Wonderlands: Literature and Culture in the 19th Century

English - GROUP Y

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
<th>Year 1 Semester 2</th>
<th>Year 2 Semester 1</th>
<th>Year 2 Semester 2</th>
<th>Year 3 Semester 1</th>
<th>Year 3 Semester 2</th>
<th>Year 4 Semester 1</th>
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<tbody>
<tr>
<td>CLB320 Studies In Language</td>
<td>CLB322 Literature In Secondary Teaching</td>
<td>CLB018 English Curriculum Studies 1</td>
<td>CLB446 Grammar in the Classroom: Theories and Pedagogies</td>
<td>KWB209 Shakespeare, Then and Now</td>
<td>CLB019 English Curriculum Studies 2</td>
<td>KWB209 Shakespeare, Then and Now</td>
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<td>CLB025 Film and Media Curriculum Studies 2</td>
<td>KPB113 TV and Film Text Analysis</td>
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### Year 3 Semester 2

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<td>CLB019</td>
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### Year 4 Semester 1

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<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CLB020</td>
<td>English Curriculum Studies 3</td>
</tr>
</tbody>
</table>

**Unit Options list - if ESL is GROUP X, choose alternates for CLB320 & CLB446**

- **ONLY CHOOSE TWO OPTIONS IF ESL IS GROUP X**
  - KWB208: Modern Times (Literature and Culture in the 20th Century)
  - KWB308: Wonderlands: Literature and Culture in the 19th Century
  - KWB107: Creative Non-Fiction
  - CLB323: Teaching Adolescent Literature
  - KWB309: Popular Fictions, Popular Culture

### English as a Second Language - GROUP X

**Year 1 Semester 1**

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<th>Description</th>
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<td>EDB006</td>
<td>Learning Networks</td>
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<tr>
<td>CLB320</td>
<td>Studies In Language</td>
</tr>
<tr>
<td>CLB049</td>
<td>The Global Teacher</td>
</tr>
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</table>

**UNIT** 1 x Discipline Studies Y Unit?

**Year 1 Semester 2**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>EDB001</td>
<td>Teaching and Learning Studies 1: Teaching in New Times</td>
</tr>
<tr>
<td>CLB446</td>
<td>Grammar in the Classroom: Theories and Pedagogies</td>
</tr>
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</table>

2 UNITS 2 x Discipline Studies Y Units?

**Year 2 Semester 1**

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<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>EDB002</td>
<td>Teaching and Learning Studies 2: Development and Learning</td>
</tr>
<tr>
<td>EDB031</td>
<td>Secondary Field Studies 1</td>
</tr>
<tr>
<td>CLB021</td>
<td>English as a Second Language Curriculum Studies 1</td>
</tr>
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</table>

**UNIT** Curriculum Studies 1 Y Unit?

**Year 2 Semester 2**

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<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>EDB007</td>
<td>Culture Studies: Indigenous Education</td>
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</table>

**OPTION** One unit from Unit Options List below

**OPTION** One unit from Unit Options List below

**UNIT** 1 x Discipline Studies Y Unit?

**Year 3 Semester 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>CLB321</td>
<td>Writing Workshop</td>
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</table>

**UNIT** 1 x Education Elective Unit or Extra discipline unit from any teaching area. See EDB032 Elective units listed under COURSE STRUCTURE heading.

2 UNITS 2 x Discipline Studies Y Units?

### Year 3 Semester 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>EDB003</td>
<td>Teaching and Learning Studies 3: Practising Education</td>
</tr>
<tr>
<td>EDB032</td>
<td>Secondary Field Studies 2</td>
</tr>
<tr>
<td>CLB022</td>
<td>ESL Curriculum Studies 2</td>
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**Curriculum Studies 2 Y Unit?**

**Year 4 Semester 1**

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<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>EDB004</td>
<td>Teaching and Learning Studies 4: Inclusive Education</td>
</tr>
<tr>
<td>EDB033</td>
<td>Secondary Field Studies 3</td>
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<td>CLB023</td>
<td>ESL Curriculum Studies 3</td>
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**UNIT** Curriculum Studies 3 Y Unit?

### Year 4 Semester 2

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<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>EDB005</td>
<td>Teaching and Learning Studies 5: Professional Work of Teachers</td>
</tr>
</tbody>
</table>

**UNIT** Education Elective Unit (6TP4 mode). See EDB034 Elective units listed under COURSE STRUCTURE heading.

**PLEASE NOTE:** all other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a University and Queensland College of Teachers requirement.

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>EDB034</td>
<td>Secondary Field Studies 4</td>
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<tr>
<td>EDB035</td>
<td>Internship (Secondary)</td>
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</table>

### Unit Options list

<table>
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<tr>
<th>Course</th>
<th>Description</th>
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<tbody>
<tr>
<td>CLB347</td>
<td>Teaching English as an Additional Language</td>
</tr>
<tr>
<td>CLB322</td>
<td>Literature In Secondary Teaching</td>
</tr>
<tr>
<td>CLB323</td>
<td>Teaching Adolescent Literature</td>
</tr>
<tr>
<td>CLB104</td>
<td>Colonialism and Independence in Asia-Pacific</td>
</tr>
<tr>
<td>CLB105</td>
<td>Australia and the South Pacific</td>
</tr>
<tr>
<td>KWB108</td>
<td>Introduction To Literary Studies</td>
</tr>
</tbody>
</table>

Please note that students may elect to undertake LOTE units as part of this teaching area but may not count them towards LOTE studies as well. Students taking English may not count units undertaken in their English towards this teaching area.

### Film & Media - GROUP Y
<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Year 1</td>
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</tr>
<tr>
<td></td>
<td><strong>KPB113</strong> TV and Film Text Analysis</td>
</tr>
<tr>
<td></td>
<td><strong>KPB101</strong> Introduction to Film, TV and New Media Production</td>
</tr>
<tr>
<td></td>
<td><strong>KPB112</strong> TV and Film Genres</td>
</tr>
<tr>
<td>Year 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>CLB024</strong> Film and Media Curriculum Studies 1</td>
</tr>
<tr>
<td></td>
<td><strong>KPB205</strong> Documentary Theory and Practice</td>
</tr>
<tr>
<td>Year 3</td>
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<tr>
<td></td>
<td><strong>KPB105</strong> Narrative Production</td>
</tr>
<tr>
<td></td>
<td><strong>KPB109</strong> Film and TV History</td>
</tr>
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<td></td>
<td><strong>KPB203</strong> Australian Film</td>
</tr>
<tr>
<td>Year 4</td>
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<td></td>
<td><strong>CLB026</strong> Film and Media Curriculum Studies 3</td>
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</tbody>
</table>

**Geography - GROUP Y**

<table>
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</thead>
<tbody>
<tr>
<td>Year 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>CLB109</strong> World Regions</td>
</tr>
<tr>
<td></td>
<td><strong>CLB110</strong> Environment and Society</td>
</tr>
<tr>
<td></td>
<td><strong>CLB111</strong> Environmental Hazards</td>
</tr>
<tr>
<td>Year 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>CLB114</strong> Geography in the Field</td>
</tr>
<tr>
<td></td>
<td><strong>CLB112</strong> South East Asia in Focus</td>
</tr>
<tr>
<td></td>
<td><strong>CLB113</strong> Australian Geographical Studies</td>
</tr>
<tr>
<td>Year 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>CLB028</strong> Geography Curriculum Studies 2</td>
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**Unit Options List**

<table>
<thead>
<tr>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLB101</td>
</tr>
<tr>
<td>CLB102</td>
</tr>
<tr>
<td>CLB104</td>
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<tr>
<td>CLB105</td>
</tr>
<tr>
<td>CLB106</td>
</tr>
<tr>
<td>CLB107</td>
</tr>
<tr>
<td>CLB108</td>
</tr>
</tbody>
</table>

**Curriculum Studies Unit Overlap Options**

- There will be an overlap in Curriculum Studies with SOS, so choose two units from list below to replace Curriculum Studies 1 in Year 2 semester 1, and Curriculum Studies 3 in Year 3 semester 1.
- **MDB391** Earth And Space
- **CLB049** The Global Teacher
- **SPB018** Teaching Strategies
<table>
<thead>
<tr>
<th>Unit Code</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLB050</td>
<td>Movies and Popular Culture</td>
</tr>
<tr>
<td>MDB349</td>
<td>Excursions in Mathematical Reasoning</td>
</tr>
<tr>
<td>MDB021</td>
<td>Mathematics Curriculum Studies 1</td>
</tr>
<tr>
<td>HMB305</td>
<td>Personal Health</td>
</tr>
<tr>
<td>CLB021</td>
<td>English as a Second Language Curriculum Studies 1</td>
</tr>
</tbody>
</table>

### Health - GROUP Y

#### Year 1 Semester 1
- HMB305 Personal Health

#### Year 1 Semester 2
- PUB251 Contemporary Public Health
- PUB209 Health, Culture and Society

#### Year 2 Semester 1
- HMB292 Health Education Curriculum Studies 1

#### Year 2 Semester 2
- Either
  - PUB201 Food and Nutrition
  - OR
  - HMB333 Child and Adolescent Health

#### Year 3 Semester 1
- PUB530 Health Education and Behaviour Change
- OPTION One unit from Unit Options list below

#### Year 3 Semester 2
- HMB396 Health Education Curriculum Studies 2

#### Year 4 Semester 1
- CLB056 Social Education Curriculum Studies 3

#### Unit Options list - must choose at least one unit from each of the 3 areas listed below:
- **AUSTRALIAN HISTORY** - choose at least one:
  - CLB101 Australian Society and Culture
  - CLB102 Australian Historical Studies
- **ASIA PACIFIC HISTORY** - choose at least one:
  - CLB104 Colonialism and Independence in Asia-Pacific
  - CLB105 Australia and the South Pacific
  - CLB106 Modern China
- **EUROPEAN HISTORY** - choose at least one:
  - CLB107 The Classical World
  - CLB108 Nations and Nationalism in Modern Europe

### History - GROUP Y (with Social Science as GROUP X)

#### Year 1 Semester 1
- OPTION One unit from Unit Options list below

#### Year 1 Semester 2
- OPTION One unit from Unit Options list below

#### Year 2 Semester 1
- UNIT Choose one option from the Curriculum Studies Unit Overlap Options below

#### Year 2 Semester 2
- OPTION One unit from Unit Options list below

#### Year 3 Semester 1
- OPTION One unit from Unit Options list below
OPTION       One unit from Unit Options list below

Year 3 Semester 2
CLB031       History Curriculum Studies 2

Year 4 Semester 1
UNIT Choice one option from the Curriculum Studies Unit Overlap Options below
Unit Options list - must choose at least one unit from each of the 3 areas listed below:

AUSTRALIAN HISTORY - choose at least one:
CLB101       Australian Society and Culture
CLB102       Australian Historical Studies

ASIA PACIFIC HISTORY - choose at least one:
CLB104       Colonialism and Independence in Asia-Pacific
CLB106       Modern China
CLB105       Australia and the South Pacific

EUROPEAN HISTORY - choose at least one:
CLB107       The Classical World
CLB108       Nations and Nationalism in Modern Europe

Extra Unit Options list
Can choose from this list so long as at least 6 History units have been studied in total over both teaching areas
CLB111       Environmental Hazards
CLB112       South East Asia in Focus
CLB113       Australian Geographical Studies
CLB114       Geography in the Field

Curriculum Studies Unit Overlap Options
There will be an overlap in Curriculum Studies with SOS, so choose two units from list below to replace Curriculum Studies 1 in Year 2 semester 1, and Curriculum Studies 3 in Year 3 semester 1
CLB049       The Global Teacher
MDB391       Earth And Space
SPB018       Teaching Strategies
MDB021       Mathematics Curriculum Studies 1
MDB349       Excursions in Mathematical Reasoning
CLB050       Movies and Popular Culture
HMB305       Personal Health
CLB021       English as a Second Language Curriculum Studies 1

Home Economics - GROUP X

Year 1 Semester 1
EDB006       Learning Networks
PUB113       Design and Technology
PUB105       Family Influences on Health and Development
             1 x Discipline Studies Y Unit?

Year 1 Semester 2
EDB001       Teaching and Learning Studies 1: Teaching in New Times
PUB201       Food and Nutrition
             2 x Discipline Studies Y Units?

Year 2 Semester 1
EDB002       Teaching and Learning Studies 2: Development and Learning
EDB031       Secondary Field Studies 1
PUB343       Home Economics Curriculum Studies 1
             Curriculum Studies 1 Y Unit?

Year 2 Semester 2
PUB321       Textile Studies
PUB355       Hospitality Studies
EAB363       Creating Curriculum With Young Children
             1 x Discipline Studies Y Unit?

Year 3 Semester 1
PUB361       Textiles 2
PUB474       Food Science
             2 x Discipline Studies Y Units?

Year 3 Semester 2
EDB003       Teaching and Learning Studies 3: Practising Education
EDB032       Secondary Field Studies 2
PUB643       Home Economics Curriculum Studies 2
             Curriculum Studies 2 Y Unit

Year 4 Semester 1
EDB004       Teaching and Learning Studies 4: Inclusive Education
EDB033       Secondary Field Studies 3
PUB743       Home Economics Curriculum Studies 3
             Curriculum Studies 3 Y Unit?

Year 4 Semester 2
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EDB005</td>
<td>Teaching and Learning Studies 5: Professional Work of Teachers</td>
</tr>
<tr>
<td>EDB007</td>
<td>Culture Studies: Indigenous Education</td>
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<tr>
<td></td>
<td>(Students must enrol in 6TP4 external mode for EDB007)?</td>
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<td></td>
<td>PLEASE NOTE: all other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a University and Queensland College of Teachers requirement.</td>
</tr>
<tr>
<td>EDB034</td>
<td>Secondary Field Studies 4</td>
</tr>
<tr>
<td>EDB035</td>
<td>Internship (Secondary)</td>
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**Legal Studies - GROUP Y**

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<td>CLB034</td>
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**Legal Studies - GROUP Y (with either ABM or BCT as GROUP X)**

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<tbody>
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<td>CLB056</td>
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</table>

**Legal Studies - GROUP Y (with either ABM or BCT as GROUP X)**

| UNIT | Choose one option from the Curriculum |

**Curriculum Studies Unit Overlap Options**

There will be an overlap in Curriculum Studies with ABM or BCT, so choose two units from list below to replace Curriculum Studies 1 in Year 2 semester 1, and Curriculum Studies 3 in Year 3 semester 1

- CLB049 | The Global Teacher |
- SPB018 | Teaching Strategies |
- CLB050 | Movies and Popular Culture |
- MDB021 | Mathematics Curriculum Studies 1 |
- MDB349 | Excursions in Mathematical Reasoning |
- MDB391 | Earth And Space |
- HMB305 | Personal Health |
- CLB021 | English as a Second Language Curriculum Studies 1

**LOTE: Mandarin - GROUP Y**

**Course Progression for LOTE students, not studying PE or HEC as discipline X**

LOTE students are required to complete 72 credit points of discipline/content studies i.e 6 units of study. Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units. Students should take only units in the language levels 1-6 or 3-8.

Native speakers are required to complete Level 7 and Level 8 and an additional 48 credit points of study (4 units) which may include CLB042 Primary LOTE Curriculum Studies 1 and three/four additional units selected from the English or ESL teaching areas. Students who consider their level of competency does not fit with any of the above should contact the language specialist for their area of study for an assessment.

Levels 1 - 4 Mandarin language units are...
delivered at QUT, with Levels 5 - 8 being offered at UQ as cross institutional study, and then credited as advanced standing after results are released.

Please note that there may be timetable clashes for UQ units, and travelling constraints.

For queries regarding the delivery of Mandarin language units 5 - 8, please contact the Faculty of Business on 3138 2050 or email bus@qut.edu.au.

As the LOTE progression is different to the standard ED90 course progression, please contact jo.wakefield@qut.edu.au in the Student Affairs office for advice on how to fit the Group X discipline units into your progression.

Year 1 Semester 1

EITHER

AMB031 Mandarin 1
OR

AMB033 Mandarin 3

EDB006 Learning Networks
Discipline X unit
Discipline X unit

Year 1 Semester 2

EITHER

AMB032 Mandarin 2
OR

AMB034 Mandarin 4

EDB001 Teaching and Learning Studies 1: Teaching in New Times
Discipline X unit
Discipline X unit

Year 2 Semester 1

EITHER

AMB033 Mandarin 3
OR

UNIT Level 5 Mandarin - cross institutional study at UQ

EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1
Curriculum Studies 1 X

Year 2 Semester 2

EITHER

AMB034 Mandarin 4

OR

Level 6 Mandarin - cross institutional study at UQ

EDB007 Culture Studies: Indigenous Education
Discipline X unit
Discipline X unit

Year 3 Semester 1

EITHER

UNIT Level 5 Mandarin - cross institutional study at UQ
OR

Level 7 Mandarin - cross institutional study at UQ

CLB036 LOTE Curriculum Studies 1
OPTION Extra discipline or education elective Option unit
OPTION Extra discipline or education elective Option unit

Year 3 Semester 2

EITHER

UNIT Level 6 Mandarin - cross institutional study at UQ
OR

Level 8 Mandarin - cross institutional study at UQ

EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies 2
CLB037 LOTE Curriculum Studies 2
Curriculum Studies 2 X

Year 4 Semester 1

EDB004 Teaching and Learning Studies 4: Inclusive Education
EDB033 Secondary Field Studies 3
CLB038 LOTE Curriculum Studies 3
Curriculum Studies 3 X

Year 4 6TP4

EDB005 Teaching and Learning Studies 5: Professional Work of Teachers

Year 4 Semester 2

EDB034 Secondary Field Studies 4
EDB035 Internship (Secondary)

LOTE - French, German, Indonesian, Japanese -
GROUP Y

Course Progression for LOTE students, not studying PE or HEC as discipline X

Language units are delivered through an alliance between QUT, Griffith University and University of Queensland. French, German, Indonesian, and Japanese units are offered cross institutionally at either UQ or GU. Travel between campuses will be required, and timetable clashes may occur. Mandarin is available at QUT up to level 4 and from there on at UQ.

LOTE students are required to complete 72 credit points of discipline/content studies i.e. 6 units of study. Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units. Students should take only units in the language levels 1-6 or 3-8.

Native speakers are required to complete Level 7 and Level 8 and an additional 48 credit points of study (4 units) which may include CLB042 Primary LOTE Curriculum Studies 1 and three/four additional units selected from the English or ESL teaching areas. Students who consider their level of competency does not fit with any of the above should contact the language specialist for their area of study for an assessment.

For queries regarding the delivery of Japanese, German, Indonesian and French language units 1-6 or 3-8, please contact the Faculty of Business on 3138 2050 or email bus@qut.edu.au.

As the LOTE progression is different to the standard ED90 course progression, please contact jo.wakefield@qut.edu.au in the Student Affairs office for advice on how to fit the Group X discipline units into your progression.

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<tr>
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Year 1 Semester 2

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Year 2 Semester 1

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EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1
Curriculum Studies 1 X

Year 2 Semester 2

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Year 3 Semester 2

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<td>EDB003</td>
<td>Teaching and Learning Studies 3: Practising Education</td>
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<tr>
<td>EDB032</td>
<td>Secondary Field Studies 2</td>
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<tr>
<td>CLB037</td>
<td>LOTE Curriculum Studies 2</td>
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Year 4 Semester 1

| EDB004     | Teaching and Learning Studies 4: Inclusive Education |
| EDB033     | Secondary Field Studies 3 |
| CLB038     | LOTE Curriculum Studies 3 |
|            | Curriculum Studies 3 X |

Year 4 6TP4

| EDB005     | Teaching and Learning Studies 5: Professional Work of Teachers |

Year 4 Semester 2

| EDB034     | Secondary Field Studies 4 |
| EDB035     | Internship (Secondary) |

ALL LOTE - GROUP Y (with Home Economics as GROUP X)

Language units are delivered through an alliance between QUT, Griffith University and University of Queensland. French, German, Indonesian, and Japanese units are offered...
cross institutionally at either UQ or GU. Travel between campuses will be required, and timetable clashes may occur. Mandarin is available at QUT.

LOTE students are required to complete 72 credit points of discipline/content studies ie 6 units of study. Students who have taken their LOTE to Year 12 or equivalent do not take the introductory units. Students should take only units in the language levels 1-6 or 3-8.

For queries regarding the delivery of Japanese, German, Indonesian and French language units 1-6 or 3-8, please contact the Faculty of Business on 3138 2050 or email bus@qut.edu.au.

Native speakers are required to complete Level 7 and Level 8 and an additional 48 credit points of study (4 units) which may include CLB042 Primary LOTE Curriculum Studies 1 and three/four additional units selected from the English or ESL teaching areas. Students who consider their level of competency does not fit with any of the above should contact the language specialist for their area of study for an assessment.

For Mandarin units, please see under the heading LOTE: Mandarin - GROUP Y

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<td>EITHER LOTE 1 OR LOTE 3</td>
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<td>PUB113</td>
<td>Design and Technology</td>
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<td>PUB105</td>
<td>Family Influences on Health and Development</td>
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### Year 1 Semester 2

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<tr>
<td>EDB001</td>
<td>Teaching and Learning Studies 1: Teaching in New Times</td>
</tr>
<tr>
<td>PUB201</td>
<td>Food and Nutrition</td>
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<tr>
<td>EAB363</td>
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### Year 2 Semester 1

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<td>Teaching and Learning Studies 2: Development and Learning</td>
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<tr>
<td>EDB031</td>
<td>Secondary Field Studies 1</td>
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<tr>
<td>PUB343</td>
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### Year 2 Semester 2

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<td>LOTE</td>
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<td>EDB007</td>
<td>Culture Studies: Indigenous Education</td>
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<tr>
<td>PUB321</td>
<td>Textile Studies</td>
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### Year 3 Semester 1

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### Year 3 Semester 2

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<td>LOTE</td>
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<tr>
<td>EDB003</td>
<td>Teaching and Learning Studies 3: Practising Education</td>
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<tr>
<td>EDB032</td>
<td>Secondary Field Studies 2</td>
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<td>CLB037</td>
<td>LOTE Curriculum Studies 2</td>
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<tr>
<td>PUB643</td>
<td>Home Economics Curriculum Curriculum 2</td>
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### Year 4 Semester 1

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<td>EDB004</td>
<td>Teaching and Learning Studies 4: Inclusive Education</td>
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<tr>
<td>EDB033</td>
<td>Secondary Field Studies 3</td>
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<tr>
<td>CLB038</td>
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<td>PUB743</td>
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### Year 4 6TP4

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<tbody>
<tr>
<td>EDB005</td>
<td>Teaching and Learning Studies 5: Professional Work of Teachers</td>
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</tbody>
</table>

### ALL LOTE - GROUP Y (with PE as GROUP X)

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For Mandarin units, please see under the heading LOTE: Mandarin - GROUP Y

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<th>HMB171</th>
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### Year 1 Semester 2

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<td>Teaching and Learning Studies 1: Teaching in New Times</td>
<td>Performance Skills 2</td>
<td>Biological Aspects of Physical Education</td>
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### Year 2 Semester 1

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<th>HMB231</th>
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### Year 2 Semester 2

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<td>Culture Studies: Indigenous Education</td>
<td>Organisation and Management In Physical Education And Sport</td>
<td>Exercise Physiology 1</td>
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### Year 3 Semester 1

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<td>Performance Skills 1</td>
<td>Socio-Cultural Foundations of Physical Activity</td>
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### Year 3 Semester 2

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<tbody>
<tr>
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### Year 4 Semester 1

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<tbody>
<tr>
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### Year 4 Semester 2

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<th>CLB038</th>
<th>HMB431</th>
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<td>Secondary Field Studies 3</td>
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### Mathematics (student has not completed maths C at school) - GROUP X

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<th>MAB101</th>
<th>EDB032</th>
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<tbody>
<tr>
<td>Learning Networks</td>
<td>Algebra and Calculus</td>
<td>Statistical Data Analysis 1</td>
<td>Secondary Field Studies 2</td>
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</table>

<table>
<thead>
<tr>
<th>EDB001</th>
<th>MAB121</th>
<th>MAB210</th>
<th>EDB035</th>
</tr>
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<tbody>
<tr>
<td>Teaching and Learning Studies 1: Teaching in New Times</td>
<td>Calculus and Differential Equations</td>
<td>Statistical Modelling 1</td>
<td>Internship (Secondary)</td>
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<table>
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<tr>
<th>EDB002</th>
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<tr>
<td>Teaching and Learning Studies 2: Development and Learning</td>
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<td>Culture Studies: Indigenous Education</td>
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<table>
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<tr>
<th>EDB003</th>
<th>MAB122</th>
<th>MAB210</th>
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<tbody>
<tr>
<td>Teaching and Learning Studies 3: Practising Education</td>
<td>Algebra and Analytic Geometry</td>
<td>Statistical Modelling 1</td>
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<table>
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<tr>
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<th>EDB005</th>
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<tr>
<td>Teaching and Learning Studies 5: Professional Work of Teachers</td>
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<td>LOTE Curriculum Studies 2</td>
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Published on: 16 May 2011
### Year 3 Semester 1

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<td>2 Units</td>
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### Year 3 Semester 2

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<tr>
<td>EDB032</td>
<td>Secondary Field Studies 2</td>
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<td>Unit</td>
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### Year 4 Semester 1

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<tr>
<td>Unit</td>
<td>Curriculum Studies 2 Y Unit</td>
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<th>2 Units</th>
<th>2 x Discipline Studies Y Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDB001</td>
<td>Culture Studies: Indigenous Education</td>
</tr>
<tr>
<td>MAB122</td>
<td>Algebra and Analytic Geometry</td>
</tr>
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</table>

### Year 2 Semester 2

<table>
<thead>
<tr>
<th>Option</th>
<th>One unit from Unit Option list below</th>
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<tbody>
<tr>
<td>Unit</td>
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<tbody>
<tr>
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### Year 4 Semester 2

<table>
<thead>
<tr>
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<tbody>
<tr>
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### Year 2 Semester 1

<table>
<thead>
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<th>2 x Discipline Studies Y Units</th>
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</thead>
<tbody>
<tr>
<td>EDB007</td>
<td>Teaching and Learning Studies 1: Teaching in Times</td>
</tr>
<tr>
<td>MAB210</td>
<td>Statistical Modelling 1</td>
</tr>
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### Year 2 Semester 2

<table>
<thead>
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### Year 4 Semester 2

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<table>
<thead>
<tr>
<th>2 Units</th>
<th>2 x Discipline Studies Y Units</th>
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</thead>
<tbody>
<tr>
<td>EDB004</td>
<td>Teaching and Learning Studies 4: Inclusive Education</td>
</tr>
<tr>
<td>EDB033</td>
<td>Secondary Field Studies 3</td>
</tr>
<tr>
<td>MDB023</td>
<td>Mathematics Curriculum Studies 3</td>
</tr>
<tr>
<td>Unit</td>
<td>Curriculum Studies 3 Y Unit</td>
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### Year 2 Semester 1

<table>
<thead>
<tr>
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<th>2 x Discipline Studies Y Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDB005</td>
<td>Teaching and Learning Studies 5: Professional Work of Teachers</td>
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### Year 2 Semester 2

<table>
<thead>
<tr>
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### Year 4 Semester 2

<table>
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### Year 3 Semester 2

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<thead>
<tr>
<th>2 Units</th>
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<tbody>
<tr>
<td>EDB006</td>
<td>Learning Networks</td>
</tr>
<tr>
<td>MAB121</td>
<td>Calculus and Differential Equations</td>
</tr>
</tbody>
</table>

### Mathematics (student has completed Maths C at school) - GROUP X

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
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</thead>
<tbody>
<tr>
<td>EDB006</td>
<td>Learning Networks</td>
</tr>
<tr>
<td>MAB121</td>
<td>Calculus and Differential Equations</td>
</tr>
</tbody>
</table>
EDB034  Secondary Field Studies 4
EDB035  Internship (Secondary)

Unit Options list

MAB220  Computational Mathematics 1
(MAB220 offered both semester 1 and 2)
semester 2 options below:
MAB281  Mathematics for Computer Graphics
MAB313  Mathematics of Finance
MAB422  Mathematical Modelling
MAB414  Applied Statistics 2
MAB461  Discrete Mathematics
semester 1 options below:
MAB311  Advanced Calculus
MAB312  Linear Algebra
MAB314  Statistical Modelling 2
MAB315  Operations Research 2

Mathematics (student has not completed maths C at school) - GROUP Y

Year 1 Semester 1
MAB120  Algebra and Calculus

Year 1 Semester 2
MAB121  Calculus and Differential Equations
MAB122  Algebra and Analytic Geometry

Year 2 Semester 1
MDB021  Mathematics Curriculum Studies 1

Year 2 Semester 2
MAB210  Statistical Modelling 1

Year 3 Semester 1
MAB101  Statistical Data Analysis 1
OPTION  One unit from Unit Options list below

Year 3 Semester 2
MDB022  Mathematics Curriculum Studies 2

Year 4 Semester 1
MDB023  Mathematics Curriculum Studies 3

Unit Options list

MAB220  Computational Mathematics 1
MAB311  Advanced Calculus

Mathematics (student has completed Maths C at school) - GROUP Y

Year 1 Semester 1
MAB101  Statistical Data Analysis 1

Year 1 Semester 2
MAB121  Calculus and Differential Equations
MAB122  Algebra and Analytic Geometry

Year 2 Semester 1
MDB021  Mathematics Curriculum Studies 1

Year 2 Semester 2
MAB210  Statistical Modelling 1

Year 3 Semester 1
OPTION  One unit from Unit Options list below
OPTION  One unit from Unit Options list below

Year 3 Semester 2
MDB022  Mathematics Curriculum Studies 2

Year 4 Semester 1
MDB023  Mathematics Curriculum Studies 3

Unit Options list

MAB220  Computational Mathematics 1
MAB311  Advanced Calculus
MAB312  Linear Algebra
MAB314  Statistical Modelling 2
MAB315  Operations Research 2

Mathematics Intermediate - (student has not completed maths B at school) - GROUP X

Year 1 Semester 1
EDB006  Learning Networks
MAB105  Preparatory Mathematics
MDB349  Excursions in Mathematical Reasoning
UNIT  1 x Discipline Studies Y Unit

Year 1 Semester 2
EDB001  Teaching and Learning Studies 1: Teaching in
# Mathematics Intermediate - (student has completed Maths B at school) - GROUP X

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
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</thead>
<tbody>
<tr>
<td>EDB006</td>
<td>Learning Networks</td>
<td>MAB120 Algebra and Calculus</td>
</tr>
<tr>
<td>MAB101</td>
<td>Statistical Data Analysis 1</td>
<td>MDB349 Excursions in Mathematical Reasoning</td>
</tr>
<tr>
<td>UNIT</td>
<td>1 x Discipline Studies Y Unit</td>
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<table>
<thead>
<tr>
<th>Year 1 Semester 2</th>
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</tr>
</thead>
<tbody>
<tr>
<td>EDB001</td>
<td>Teaching and Learning Studies 1: Teaching in New Times</td>
<td>MAB101 Statistical Data Analysis 1</td>
</tr>
<tr>
<td></td>
<td>2 units</td>
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<table>
<thead>
<tr>
<th>Year 2 Semester 1</th>
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</thead>
<tbody>
<tr>
<td>EDB002</td>
<td>Secondary Field Studies 2</td>
<td>MDB455 Mathematics in Life and Work</td>
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<td></td>
<td>2 units</td>
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<table>
<thead>
<tr>
<th>Year 2 Semester 2</th>
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</thead>
<tbody>
<tr>
<td>EDB003</td>
<td>Teaching and Learning Studies 3: Practising Education</td>
<td>EDB032 Secondary Field Studies 2</td>
</tr>
<tr>
<td>EDB035</td>
<td>Internship (Secondary)</td>
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<thead>
<tr>
<th>Year 3 Semester 1</th>
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</thead>
<tbody>
<tr>
<td>MDB388</td>
<td>Numeracy in Games of Skill and Chance</td>
<td>MAB220 Computational Mathematics 1</td>
</tr>
<tr>
<td></td>
<td>1 x Education Elective Unit or Extra discipline unit from any teaching area. See ED90 Elective units listed under COURSE STRUCTURE heading.</td>
<td>OR</td>
</tr>
<tr>
<td>2 units</td>
<td>2 x Discipline Studies Y Units</td>
<td>MAB281 Mathematics for Computer Graphics</td>
</tr>
<tr>
<td>UNIT</td>
<td>Curriculum Studies 2 Y Unit</td>
<td>1 x Discipline Studies Y Unit</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Year 4 Semester 1</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EDB004</td>
<td>Teaching and Learning Studies 4: Inclusive Education</td>
<td>MAB120 Algebra and Calculus</td>
</tr>
<tr>
<td>EDB033</td>
<td>Secondary Field Studies 3</td>
<td>MDB349 Excursions in Mathematical Reasoning</td>
</tr>
<tr>
<td>MDB023</td>
<td>Mathematics Curriculum Studies 3</td>
<td>UNIT 1 x Discipline Studies Y Unit</td>
</tr>
<tr>
<td>UNIT</td>
<td>Curriculum Studies 3 Y Unit</td>
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</table>

<table>
<thead>
<tr>
<th>Year 4 Semester 2</th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>EDB005</td>
<td>Teaching and Learning Studies 5: Professional Work of Teachers</td>
<td>EDB032 Secondary Field Studies 2</td>
</tr>
<tr>
<td>UNIT</td>
<td>Education Elective Unit (6TP4 mode). See ED90 Elective units listed under COURSE STRUCTURE heading.</td>
<td></td>
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<tr>
<td></td>
<td>PLEASE NOTE: all other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a</td>
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<table>
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<tr>
<th>Year 3 Semester 2</th>
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<tbody>
<tr>
<td>MDB388</td>
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<td>OR</td>
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<tr>
<td>2 units</td>
<td>2 x Discipline Studies Y Units</td>
<td>MAB281 Mathematics for Computer Graphics</td>
</tr>
<tr>
<td>UNIT</td>
<td>Curriculum Studies 3 Y Unit</td>
<td>1 x Discipline Studies Y Unit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3 Semester 3</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EDB003</td>
<td>Teaching and Learning Studies 3: Practising Education</td>
<td>EDB032 Secondary Field Studies 2</td>
</tr>
</tbody>
</table>
MDB453  Mathematics Curriculum 2: Middle Years and Vocational
UNIT Curriculum Studies 2 Y Unit

Year 4 Semester 1

EDB004  Teaching and Learning Studies 4: Inclusive Education
EDB033  Secondary Field Studies 3
MDB023  Mathematics Curriculum Studies 3
UNIT Curriculum Studies 3 Y Unit

Year 4 Semester 2

EDB005  Teaching and Learning Studies 5: Professional Work of Teachers
        Education Elective Unit (6TP4 mode). See ED90 Elective units listed under COURSE STRUCTURE heading.
        PLEASE NOTE: all other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a University and Queensland College of Teachers requirement.

EDB034  Secondary Field Studies 4
EDB035  Internship (Secondary)

Mathematics Intermediate - (student has not completed maths B at school) - GROUP Y

Year 1 Semester 1

MAB105  Preparatory Mathematics

Year 1 Semester 2

MAB120  Algebra and Calculus
MDB455  Mathematics in Life and Work

Year 2 Semester 1

MDB021  Mathematics Curriculum Studies 1

Year 2 Semester 2

MAB101  Statistical Data Analysis 1

Year 3 Semester 1

MDB388  Numeracy in Games of Skill and Chance
MDB349  Excursions in Mathematical Reasoning

Year 3 Semester 2

MDB453  Mathematics Curriculum 2: Middle Years and Vocational

Year 4 Semester 1

MDB023  Mathematics Curriculum Studies 3

Mathematics Intermediate - (student has completed Maths B at school) - GROUP Y

Year 1 Semester 1

MAB120  Algebra and Calculus

Year 1 Semester 2

MAB101  Statistical Data Analysis 1
MDB455  Mathematics in Life and Work

Year 2 Semester 1

MDB021  Mathematics Curriculum Studies 1

Year 2 Semester 2

EITHER
MAB220  Computational Mathematics 1
OR
MAB281  Mathematics for Computer Graphics

Year 3 Semester 1

MDB388  Numeracy in Games of Skill and Chance
MDB349  Excursions in Mathematical Reasoning

Year 3 Semester 2

MDB453  Mathematics Curriculum 2: Middle Years and Vocational

Year 4 Semester 1

MDB023  Mathematics Curriculum Studies 3

Physical Education - GROUP X

Year 1 Semester 1

EDB006  Learning Networks
LSB142  Human Anatomy and Physiology
HMB171  Fitness Health and Wellness
UNIT  1 x Discipline Studies Y Unit

Year 1 Semester 2

EDB001  Teaching and Learning Studies 1: Teaching in New Times
HMB315  Performance Skills 2
2 UNITS  2 x Discipline Studies Y Units

Year 2 Semester 1

EDB002  Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1
HMB231 Physical Education Curriculum Studies 1
UNIT Curriculum Studies 1 Y Unit

<table>
<thead>
<tr>
<th>Year 2 Semester 2</th>
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<tbody>
<tr>
<td>HMB278 Biological Aspects of Physical Education</td>
</tr>
<tr>
<td>HMB337 Organisation and Management In Physical Education And Sport</td>
</tr>
<tr>
<td>HMB273 Exercise Physiology 1</td>
</tr>
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<td>UNIT 1 x Discipline Studies Y Unit</td>
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<tr>
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<tbody>
<tr>
<td>HMB313 Socio-Cultural Foundations of Physical Activity</td>
</tr>
<tr>
<td>HMB314 Performance Skills 1</td>
</tr>
<tr>
<td>2 UNITS 2 x Discipline Studies Y Units</td>
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<tbody>
<tr>
<td>EDB003 Teaching and Learning Studies 3: Practising Education</td>
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<tr>
<td>EDB032 Secondary Field Studies 2</td>
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<tr>
<td>HMB331 Physical Education Curriculum Studies 2</td>
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<td>UNIT Curriculum Studies 2 Y Unit</td>
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<tbody>
<tr>
<td>EDB004 Teaching and Learning Studies 4: Inclusive Education</td>
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<td>EDB033 Secondary Field Studies 3</td>
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<td>HMB431 Physical Education Curriculum Studies 3</td>
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<tbody>
<tr>
<td>EDB005 Teaching and Learning Studies 5: Professional Work of Teachers</td>
</tr>
<tr>
<td>EDB007 Culture Studies: Indigenous Education</td>
</tr>
<tr>
<td>(Students must enrol in 6TP4 external mode for EDB007)</td>
</tr>
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</tr>
<tr>
<td>EDB034 Secondary Field Studies 4</td>
</tr>
<tr>
<td>EDB035 Internship (Secondary)</td>
</tr>
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</table>

**Notes:**

Students transferring from IX04 or IX18 must have successfully completed both LSB131 and LSB231 to gain credit for LSB142.

Please note that HMB313, HMB314 and HMB315 are run in a 9 week format

Physics (has not completed maths C at school) - GROUP Y (not to be taken with Science Studies)

<table>
<thead>
<tr>
<th>Year 1 Semester 1</th>
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<tbody>
<tr>
<td>PCB150 Physics 1H</td>
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<table>
<thead>
<tr>
<th>Year 1 Semester 2</th>
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</thead>
<tbody>
<tr>
<td>PQB250 Mechanics and Electromagnetism</td>
</tr>
<tr>
<td>MAB120 Algebra and Calculus</td>
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</table>

<table>
<thead>
<tr>
<th>Year 2 Semester 1</th>
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<tbody>
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<td>MDB031 Science Education Curriculum Studies 1</td>
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<table>
<thead>
<tr>
<th>Year 2 Semester 2</th>
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</thead>
<tbody>
<tr>
<td>MAB121 Calculus and Differential Equations</td>
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<table>
<thead>
<tr>
<th>Year 3 Semester 1</th>
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</thead>
<tbody>
<tr>
<td>MAB122 Algebra and Analytic Geometry</td>
</tr>
<tr>
<td>PQB360 Global Energy Balance and Climate Change</td>
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<table>
<thead>
<tr>
<th>Year 3 Semester 2</th>
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<tbody>
<tr>
<td>MDB025 Physics Curriculum Studies 2</td>
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</table>

<table>
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<tr>
<th>Year 4 Semester 1</th>
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</thead>
<tbody>
<tr>
<td>MDB033 Science Education Curriculum Studies 3</td>
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</tbody>
</table>

**Unit Options list**

If students wish to study one of the following Physics unit options as a discipline elective option in addition to the 6 core units above, they will need to do this in place of EDB007 in Year 2/semester 2, and take EDB007 in Year 4/semester 2 (6TP4)

- PQB251 Waves and Optics
- PQB451 Electronics and Instrumentation
- PQB460 Astrophysics 1

Physics (has not completed maths C at school) - GROUP Y (with Maths as GROUP X)

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<tr>
<th>Year 1 Semester 1</th>
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<tbody>
<tr>
<td>PCB150 Physics 1H</td>
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</table>

<table>
<thead>
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<th>Year 1 Semester 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PQB250 Mechanics and Electromagnetism</td>
</tr>
<tr>
<td>OPTION One unit from Unit Options List below</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2 Semester 1</th>
</tr>
</thead>
</table>
MDB031  Science Education Curriculum Studies 1

Year 2 Semester 2
OPTION  One unit from Unit Options List below

Year 3 Semester 1
OPTION  One unit from Unit Options List below
PQB360  Global Energy Balance and Climate Change

Year 3 Semester 2
MDB025  Physics Curriculum Studies 2

Year 4 Semester 1
MDB033  Science Education Curriculum Studies 3

Unit Options list
PQB251  Waves and Optics
PQB451  Electronics and Instrumentation
PQB460  Astrophysics 1

Physics (has completed Maths C at school) - GROUP Y (not to be taken with Science Studies)

Year 1 Semester 1
PCB150  Physics 1H

Year 1 Semester 2
MDB031  Science Education Curriculum Studies 1

Year 1 Semester 2
PQB250  Mechanics and Electromagnetism
MAB121  Calculus and Differential Equations

Year 2 Semester 2
MAB122  Algebra and Analytic Geometry
This core unit is offered in both semester 1 and 2, so can be swapped with an option unit from the list below, and MAB122 can then be taken in Year 3/semester 1 instead.

Year 3 Semester 1
PQB360  Global Energy Balance and Climate Change
OPTION  One unit from Unit Options list below, can be taken in Year 2/semester 2 or Year 3/semester 1 swapping with MAB122

Year 3 Semester 2
MDB025  Physics Curriculum Studies 2

Year 4 Semester 1
MDB033  Science Education Curriculum Studies 3

Unit Options list
MAB311  Advanced Calculus
PQB251  Waves and Optics
PQB451  Electronics and Instrumentation
PQB460  Astrophysics 1

Physics (has completed Maths C at school) - GROUP Y (with Maths as GROUP X)

Year 1 Semester 1
PCB150  Physics 1H

Year 1 Semester 2
MDB031  Science Education Curriculum Studies 1

Year 2 Semester 2
MAB121  Calculus and Differential Equations

Year 3 Semester 1
MAB122  Algebra and Analytic Geometry
PQB360  Global Energy Balance and Climate Change

Year 3 Semester 2
MDB025  Physics Curriculum Studies 2

Year 4 Semester 1
MDB033  Science Education Curriculum Studies 3
### Mechanics and Electromagnetism (PQB250)
- **OPTION** One unit from Unit Options list below

#### Year 2 Semester 1
- MDB031 Science Education Curriculum Studies 1

#### Year 2 Semester 2
- OPTION One unit from Unit Options list below

#### Year 3 Semester 1
- POB360 Global Energy Balance and Climate Change

#### Year 3 Semester 2
- MDB025 Physics Curriculum Studies 2

#### Year 4 Semester 1
- MDB033 Science Education Curriculum Studies 3

### Unit Options List
- MAB311 Advanced Calculus
- PQB251 Waves and Optics
- PQB451 Electronics and Instrumentation
- PQB460 Astrophysics 1
- MAB220 Computational Mathematics 1
- MAB281 Mathematics for Computer Graphics
- MAB313 Mathematics of Finance
- MAB311 Advanced Calculus
- MAB312 Linear Algebra
- MAB314 Statistical Modelling 2
- MAB422 Mathematical Modelling
- MAB315 Operations Research 2
- MAB414 Applied Statistics 2
- MAB461 Discrete Mathematics

### Science Studies - GROUP X (not to be taken with Biology, Chemistry, Earth Science or Physics)

#### Year 1 Semester 1
- EDB006 Learning Networks
- MDB391 Earth and Space
- SCB110 Science Concepts and Global Systems

#### Year 1 Semester 2
- EDB001 Teaching and Learning Studies 1: Teaching in New Times
- SCB112 Cellular Basis of Life

#### Year 2 Semester 1
- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB031 Secondary Field Studies 1
- MDB031 Science Education Curriculum Studies 1

#### Year 2 Semester 2
- EDB007 Culture Studies: Indigenous Education
- MDB454 Science, Technology and Society
- SCB111 Chemistry 1

#### Year 3 Semester 1
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies 2
- MDB28 Science Curriculum Studies 2

#### Year 3 Semester 2
- EDB004 Teaching and Learning Studies 4: Inclusive Education
- EDB033 Secondary Field Studies 3
- MDB033 Science Education Curriculum Studies 3

#### Year 4 Semester 1
- EDB005 Teaching and Learning Studies 5: Professional Work of Teachers

#### Year 4 Semester 2
- EDB004 Teaching and Learning Studies 6: Professional Work of Teachers

### Year 2 Semester 1
- EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
- MDB031 Science Education Curriculum Studies 1

### Year 3 Semester 1
- PCB150 Physics 1H

### Year 3 Semester 2
- EDB007 Culture Studies: Indigenous Education
- MDB454 Science, Technology and Society
- SCB111 Chemistry 1

### Year 4 Semester 1
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies 2
- MDB28 Science Curriculum Studies 2

### Year 4 Semester 2
- EDB004 Teaching and Learning Studies 4: Inclusive Education
- EDB033 Secondary Field Studies 3
- MDB033 Science Education Curriculum Studies 3

### Unit Options List
- PCB150 Physics 1H

### Science Studies - GROUP X (not to be taken with Biology, Chemistry, Earth Science or Physics)

### Year 1 Semester 1
- EDB006 Learning Networks
- MDB391 Earth and Space
- SCB110 Science Concepts and Global Systems

### Year 1 Semester 2
- EDB001 Teaching and Learning Studies 1: Teaching in New Times
- SCB112 Cellular Basis of Life

### 2 UNITS 2 x Discipline Studies Y Units

### Year 2 Semester 1
- EDB002 Teaching and Learning Studies 2: Development and Learning
- EDB031 Secondary Field Studies 1
- MDB031 Science Education Curriculum Studies 1

### Year 2 Semester 2
- EDB007 Culture Studies: Indigenous Education
- MDB454 Science, Technology and Society
- SCB111 Chemistry 1

### Year 3 Semester 1
- EDB003 Teaching and Learning Studies 3: Practising Education
- EDB032 Secondary Field Studies 2
- MDB28 Science Curriculum Studies 2

### Year 3 Semester 2
- EDB004 Teaching and Learning Studies 4: Inclusive Education
- EDB033 Secondary Field Studies 3
- MDB033 Science Education Curriculum Studies 3

### Year 4 Semester 1
- EDB005 Teaching and Learning Studies 5: Professional Work of Teachers

### Year 4 Semester 2
- EDB004 Teaching and Learning Studies 6: Professional Work of Teachers

### 2 UNITS 2 x Discipline Studies Y Units

### PLEASE NOTE:
All other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a University and Queensland College of
Teachers requirement.
EDB034 Secondary Field Studies 4
EDB035 Internship (Secondary)

Social Science - GROUP X

Year 1 Semester 1
EDB006 Learning Networks
CLB103 Interpreting the Past
CLB109 World Regions
UNIT 1 x Discipline Studies Y Unit

Year 1 Semester 2
EDB001 Teaching and Learning Studies 1: Teaching in New Times
OPTION One unit from Unit Options List below
2 UNITS 2 x Discipline Studies Y Units

Year 2 Semester 1
EDB002 Teaching and Learning Studies 2: Development and Learning
EDB031 Secondary Field Studies 1
CLB054 Social Education Curriculum Studies 1
UNIT Curriculum Studies 1 Y Unit

Year 2 Semester 2
EDB007 Culture Studies: Indigenous Education
CLB110 Environment and Society
OPTION One unit from Unit Options List below
UNIT 1 x Discipline Studies Y Unit

Year 3 Semester 1
OPTION One unit from Unit Options List below
UNIT 1 x Education Elective Unit or Extra discipline unit from any teaching area. See ED90 Elective units listed under COURSE STRUCTURE heading.
2 UNITS 2 x Discipline Studies Y Units

Year 3 Semester 2
EDB003 Teaching and Learning Studies 3: Practising Education
EDB032 Secondary Field Studies 2
CLB040 Social Science Curriculum Studies 2
UNIT Curriculum Studies 2 Y Unit

Year 4 Semester 1
EDB004 Teaching and Learning Studies 4: Inclusive
EDB033 Secondary Field Studies 3
CLB056 Social Education Curriculum Studies 3
UNIT Curriculum Studies 3 Y Unit

Year 4 Semester 2
EDB005 Teaching and Learning Studies 5: Professional Work of Teachers
UNIT Education Elective Unit (6TP4 mode). See ED90 Elective units listed under COURSE STRUCTURE heading.
PLEASE NOTE: all other course requirements must have been successfully completed before commencing EDB034 and EDB035. This is a University and Queensland College of Teachers requirement.
EDB034 Secondary Field Studies 4
EDB035 Internship (Secondary)

Unit Options list - Students must choose 2 History units and 1 Geography unit

HISTORY UNITS - choose two only:
CLB101 Australian Society and Culture
CLB102 Australian Historical Studies
CLB104 Colonialism and Independence in Asia-Pacific
CLB105 Australia and the South Pacific
CLB106 Modern China
CLB107 The Classical World
CLB108 Nations and Nationalism in Modern Europe

GEOGRAPHY UNITS - choose one only:
CLB111 Environmental Hazards
CLB112 South East Asia in Focus
CLB113 Australian Geographical Studies
CLB114 Geography in the Field

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UNITS FOR STUDENTS WHO COMMENCED IN 2008 - 2009 - SEE BELOW

ENROLMENT INFORMATION FOR SECOND AND THIRD YEAR STUDENTS

--------------------------------------------------------------------------------------------------------------------

Accounting and Business Management (ABM) - GROUP
X

You should have completed BSB110, BSB123 or BSB122, and AYB121 or AYB200 in Year 1

Year 2 Semester 2
AYB221 Computerised Accounting Systems
OPTION One unit from Unit Options List below

Year 3 Semester 1
BSB115 Management

Unit Options list
BSB119 Global Business
BSB124 Working in Business
BSB126 Marketing
MGB201 Contemporary Employment Relations
MGB200 Leading Organisations
AYB225 Management Accounting

Accounting and Business Management (ABM) - GROUP Y

Year 2 Semester 2
AYB221 Computerised Accounting Systems

Year 3 Semester 1
BSB115 Management

BSB119 Global Business
BSB124 Working in Business
BSB126 Marketing
MGB201 Contemporary Employment Relations
MGB200 Leading Organisations
AYB225 Management Accounting

Business Communication & Technologies (BCT) - GROUP X

You should have completed CLB001, CLB002, and BSB119 in Year 1

Year 2 Semester 2
CLB003 Administrative Procedures
OPTION One unit from Unit Options List below

Year 3 Semester 1
OPTION One unit from Unit Options List below

Unit Options List
BSB124 Working in Business
BSB126 Marketing
BSB110 Accounting
BSB115 Management
AMB230 Digital Promotions
MGB201 Contemporary Employment Relations

Business Communication & Technologies (BCT) - GROUP X
GROUP Y

You should have completed CLB001, CLB002, and BSB119 in Year 1

Year 2 Semester 2
CLB003  Administrative Procedures

Year 3 Semester 1
OPTION  One unit from Unit Options List below
OPTION  One unit from Unit Options List below

Unit Options list
BSB124  Working in Business
BSB123  Data Analysis
BSB126  Marketing
BSB110  Accounting
BSB115  Management
AMB230  Digital Promotions
MGB201  Contemporary Employment Relations

Business Communication & Technologies (BCT) - GROUP Y (with ABM as GROUP X)

You should have completed CLB001, CLB002, and BSB119 in Year 1

Year 2 Semester 2
CLB003  Administrative Procedures

Year 3 Semester 1
OPTION  One unit from Unit Options List below
OPTION  One unit from Unit Options List below

Unit Options list
BSB124  Working in Business
BSB123  Data Analysis
BSB126  Marketing
BSB110  Accounting
BSB115  Management
AMB230  Digital Promotions
MGB201  Contemporary Employment Relations

Curriculum Studies Unit Overlap Options
There will be an overlap in Curriculum Studies with ABM, so choose two units from list below to replace Curriculum Studies 1 in Year 2 semester 1, and Curriculum Studies 3 in Year 3 semester 1

CLB049  The Global Teacher
SPB018  Teaching Strategies

GROUP Y

You should have completed CLB001, CLB002, and BSB119 in Year 1

Year 2 Semester 2
CLB003  Administrative Procedures

Year 3 Semester 1
OPTION  One unit from Unit Options List below
OPTION  One unit from Unit Options List below

Unit Options list
BSB124  Working in Business
BSB123  Data Analysis
BSB126  Marketing
BSB110  Accounting
BSB115  Management
AMB230  Digital Promotions
MGB201  Contemporary Employment Relations

Biology - GROUP Y (not to be taken with Science Studies)

You should have completed SCB112, SCB120 and SCB122 in Year 1

Year 2 Semester 2
NQB422  Genetics and Evolution

Year 3 Semester 1
OPTION  One unit from Unit Options list below
OPTION  One unit from Unit Options list below
(Third year students who have not completed NQB422 are not required to do so, but must complete at least 6 biology discipline units in total)

Unit Options list
LQB383  Molecular and Cellular Regulation
NQB321  Ecology
NQB323  Plant Biology
LQB388  Medical Physiology 1
NQB322  Invertebrate Biology

(Third year students who have not completed NQB422 are not required to do so, but must complete at least 6 biology discipline units in total)

Unit Options list
NQB423  Vertebrate Biology
LQB483  Molecular Biology Techniques

Chemistry - GROUP Y (not to be taken with Science Studies)

You should have completed SCB111, SCB121 and SCB131 in Year 1

Year 2 Semester 2
PQB312  Analytical Chemistry For Scientists and Technologists

Year 3 Semester 1
PQB331  Structure and Bonding
PQB313  Analytical Chemistry For Industry
Computing - GROUP X

You should have completed MDB322, MDB320 and MDB323 in Year 1.

Year 2 Semester 2

- MDB345: Software Development For Educational Contexts
- MDB321: Information System Modelling In Educational Contexts

Year 3 Semester 1

- MDB377: Project Plan And Implementation For Educational Purposes

Earth Science - GROUP Y (not to be taken with Science Studies)

You should have completed SCB110, SCB111 and NQB201 in Year 1.

Year 2 Semester 2

- NQB202: History of Life on Earth

Year 3 Semester 1

- NQB302: Earth Surface Systems
- OPTION: One unit from Unit Options list below

Unit Options list

- NQB311: Mineralogy
- NQB321: Ecology
- MDB391: Earth And Space

English - GROUP X

You should have completed 3 English discipline units in Year 1.

Year 2 Semester 2

OPTION

Year 3 Semester 1

OPTION

OPTION

Unit Options list - must complete units from each of the three groups below, as directed:

- LANGUAGE AND CULTURAL STUDIES - COMPLETE AT LEAST ONE UNIT:
  - CLB320: Studies In Language
  - OR
  - KWB108: Introduction To Literary Studies
  - OR
  - CLB321: Writing Workshop
- LITERARY STUDIES - COMPLETE AT LEAST TWO UNITS:
  - CLB322: Literature In Secondary Teaching
  - CLB323: Teaching Adolescent Literature
  - OR
  - OR
  - KWB206: Youth and Children's Writing
  - CLB446: Grammar in the Classroom: Theories and Pedagogies
- KWB109: Writing Australia
- KWB208: Modern Times (Literature and Culture in the 20th Century)
- KWB209: Shakespeare, Then and Now
- KWB308: Wonderlands: Literature and Culture in the 19th Century
- KWB309: Popular Fictions, Popular Culture
- KWB107: Creative Non-Fiction
- FILM AND MEDIA STUDIES - COMPLETE AT LEAST ONE UNIT:
  - KPB113: TV and Film Text Analysis
  - KPB110: The Movie, TV & New Media Business
  - KPB203: Australian Film
  - KPB206: International Cinema

English - GROUP Y

You should have completed 3 English discipline units in Year 1.

Year 2 Semester 2

OPTION

Year 3 Semester 1

OPTION

OPTION

Unit Options list - must complete units from each of the three groups below, as directed:

- LANGUAGE AND CULTURAL STUDIES - COMPLETE AT LEAST ONE UNIT:
  - CLB320: Studies In Language
  - OR

Published on: 16 May 2011
KWB108 Introduction To Literary Studies
CLB321 Writing Workshop

LITERARY STUDIES - COMPLETE AT LEAST TWO UNITS:

CLB322 Literature In Secondary Teaching
CLB323 Teaching Adolescent Literature

OR

KWB206 Youth and Children's Writing
CLB446 Grammar in the Classroom: Theories and Pedagogies

KWB109 Writing Australia
KWB208 Modern Times (Literature and Culture in the 20th Century)
KWB209 Shakespeare, Then and Now
KWB308 Wonderlands: Literature and Culture in the 19th Century
KWB309 Popular Fictions, Popular Culture
KWB107 Creative Non-Fiction

FILM AND MEDIA STUDIES - COMPLETE AT LEAST ONE UNIT:

KPB113 TV and Film Text Analysis
KPB110 The Movie, TV & New Media Business
KPB203 Australian Film
KPB206 International Cinema

English as a Second Language - GROUP X

You should have completed 3 ESL discipline units in Year 1

Year 2 Semester 2
OPTION One unit from Unit Options List below

Year 3 Semester 1
OPTION One unit from Unit Options List below

Unit Options list

CLB446 Grammar in the Classroom: Theories and Pedagogies
CLB045 Becoming a Second Language User
CLB347 Teaching English as an Additional Language
CLB321 Writing Workshop
CLB320 Studies In Language
CLB401 Cultural Diversity And Education
CLB322 Literature In Secondary Teaching

CLB323 Teaching Adolescent Literature
CLB104 Colonialism and Independence in Asia-Pacific
CLB105 Australia and the South Pacific
KWB108 Introduction To Literary Studies

Please note that students may elect to undertake LOTE units as part of this teaching area but may not count them towards LOTE studies as well. Students taking English may not count units undertaken in their English towards this teaching area.

Film & Media - GROUP Y

You should have completed either KPB106 or KPB108, KPB101, and either KPB103 or KPB107 in Year 1

Year 2 Semester 2
KPB205 Documentary Theory and Practice

Year 3 Semester 1
KPB105 Narrative Production
KPB109 Film and TV History

KPB203 Australian Film

Unit Options list

CLB050 Movies and Popular Culture
KPB203 Australian Film

if English is your discipline X, you should choose an alternate F&M unit from the Unit Options list to replace KPB106/KPB108, if this unit is being used as the F&M unit in English teaching area

Geography - GROUP Y

You should have completed HHB127, HHB107 and HHB228 in Year 1

Year 2 Semester 2
CLB114 Geography in the Field

(Third year students would have completed a geography discipline elective unit here, and are not required to complete CLB114)

Year 3 Semester 1
CLB112 South East Asia in Focus
CLB113 Australian Geographical Studies

Geography - GROUP Y (with Social Science as GROUP

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You should have completed HHB127, HHB107 and HHB228 in Year 1

Year 2 Semester 2

CLB114  Geography in the Field
  (Third year students would have completed a geography discipline elective unit here, and are not required to complete CLB114)

Year 3 Semester 1

CLB112  South East Asia in Focus
CLB113  Australian Geographical Studies

Unit Options List

If you are short of discipline units, you can choose units from the list below:

CLB101  Australian Society and Culture
CLB102  Australian Historical Studies
CLB104  Colonialism and Independence in Asia-Pacific
CLB105  Australia and the South Pacific
CLB106  Modern China
CLB107  The Classical World
CLB108  Nations and Nationalism in Modern Europe

Curriculum Studies Unit Overlap Options

There will be an overlap in Curriculum Studies with SOS, so choose two units from list below to replace Curriculum Studies 1 in Year 2 semester 1, and Curriculum Studies 3 in Year 3 semester 1

MDB391  Earth And Space
CLB049  The Global Teacher
SPB018  Teaching Strategies
CLB050  Movies and Popular Culture
MDB349  Excursions in Mathematical Reasoning
MDB021  Mathematics Curriculum Studies 1
HMB305  Personal Health
CLB021  English as a Second Language Curriculum Studies 1

Health - GROUP Y

You should have completed HMB305, PUB251 and PUB209 in Year 1

Year 2 Semester 2

EITHER

PUB201  Food and Nutrition

HMB333  Child and Adolescent Health

Year 3 Semester 1

PUB530  Health Education and Behaviour Change
OPTION  One unit from Unit Options list below

Unit Options list

PUB332  Sustainable Environments For Health
PUB557  Health Needs of Indigenous Australians and Other Populations

History - GROUP Y

You should have completed HHB121 or HHB123, and two discipline elective units in Year 1

(Make sure that you have the correct spread of History units, ie of the 6 history units you study, at least one from each of the 3 areas listed below must be included)

Year 2 Semester 2

OPTION  One unit from Unit Options list below

Year 3 Semester 1

OPTION  One unit from Unit Options list below
OPTION  One unit from Unit Options list below

Unit Options list - must choose at least one unit from each of the 3 areas listed below:

AUSTRALIAN HISTORY - choose at least one:
  CLB101  Australian Society and Culture
  CLB102  Australian Historical Studies

ASIA PACIFIC HISTORY - choose at least one:
  CLB104  Colonialism and Independence in Asia-Pacific
  CLB106  Modern China
  CLB105  Australia and the South Pacific

EUROPEAN HISTORY - choose at least one:
  CLB107  The Classical World
  CLB108  Nations and Nationalism in Modern Europe

History - GROUP Y (with Social Science as GROUP X)

You should have completed either 3 discipline electives, or HHB123 and two discipline elective units

Year 2 Semester 2
OPTION  One unit from Unit Options list below

Year 3 Semester 1

OPTION  One unit from Unit Options list below

OPTION  One unit from Unit Options list below

Unit Options list - must choose at least one unit from each of the 3 areas listed below:

AUSTRALIAN HISTORY - choose at least one:
CLB101  Australian Society and Culture
CLB102  Australian Historical Studies

ASIA PACIFIC HISTORY - choose at least one:
CLB104  Colonialism and Independence in Asia-Pacific
CLB105  Australia and the South Pacific
CLB106  Modern China

EUROPEAN HISTORY - choose at least one:
CLB107  The Classical World
CLB108  Nations and Nationalism in Modern Europe

Extra Unit Options list
Can choose from this list so long as at least 6 History units have been studied in total over both teaching areas
CLB111  Environmental Hazards
CLB112  South East Asia in Focus
CLB113  Australian Geographical Studies
CLB114  Geography in the Field

Curriculum Studies Unit Overlap Options
There will be an overlap in Curriculum Studies with SOS, so choose two units from list below to replace Curriculum Studies 1 in Year 2 semester 1, and Curriculum Studies 3 in Year 3 semester 1
CLB049  The Global Teacher
MDB391  Earth And Space
SPB018  Teaching Strategies
MDB021  Mathematics Curriculum Studies 1
MDB349  Excursions in Mathematical Reasoning
CLB050  Movies and Popular Culture
HMB305  Personal Health
CLB021  English as a Second Language Curriculum Studies 1

Home Economics - GROUP X

You should have completed PUB113, PUB105 and

PUB201 in Year 1

Year 2 Semester 2

PUB321  Textile Studies
PUB355  Hospitality Studies
EAB363  Creating Curriculum With Young Children

Year 3 Semester 1

PUB361  Textiles 2
PUB474  Food Science

Legal Studies - GROUP Y

You should have completed JSB171, JSB173 and JSB176 in Year 1

Year 2 Semester 2

BSB111  Business Law and Ethics

Year 3 Semester 1

JSB272  Theories of Crime
JSB175  Social Ethics and the Justice System

Legal Studies - GROUP Y (with either ABM or BCT as GROUP X)

You should have completed JSB171, JSB173 and JSB176 in Year 1

Year 2 Semester 2

BSB111  Business Law and Ethics

Year 3 Semester 1

JSB272  Theories of Crime
JSB175  Social Ethics and the Justice System

Curriculum Studies Unit Overlap Options
There will be an overlap in Curriculum Studies with ABM or BCT, so choose two units from list below to replace Curriculum Studies 1 in Year 2 semester 1, and Curriculum Studies 3 in Year 3 semester 1
CLB049  The Global Teacher
SPB018  Teaching Strategies
CLB050  Movies and Popular Culture
MDB021  Mathematics Curriculum Studies 1
MDB349  Excursions in Mathematical Reasoning
MDB391  Earth And Space
HMB305  Personal Health

Home Economics - GROUP X

You should have completed PUB113, PUB105 and
### LOTE: Mandarin - GROUP Y

**Course Progression for LOTE students, not studying PE or HEC as discipline X**

You should have completed either HHB031 and HHB032, or HHB033 and HHB034 in Year 1.

#### Year 2 Semester 1

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<thead>
<tr>
<th>Course</th>
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<th>Units</th>
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<tr>
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<td>Mandarin 6</td>
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<td>Mandarin 7</td>
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#### Year 3 Semester 2

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<td>Teaching and Learning Studies 3: Practising Education</td>
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### LOTE - French, German, Indonesian, Japanese - GROUP Y

**Course Progression for LOTE students, not studying PE or HEC as discipline X**

French, German, Indonesian, and Japanese units are offered cross institutionally at either UQ or GU.

You should have completed either LOTE 1 and 2, or LOTE 3 and 4 in Year 1.

For queries regarding the delivery of Japanese, German, Indonesian and French language units 1-6 or 3-8, please contact the Faculty of Business on 3138 2050 or email bus@qut.edu.au.

#### Year 4 Semester 1

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#### Year 4 Semester 2

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### LOTE - French, German, Indonesian, Japanese - GROUP Y

**Course Progression for LOTE students, not studying PE or HEC as discipline X**

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#### Year 2 Semester 1

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#### Year 2 Semester 2

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<td>Discipline X unit</td>
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<td>Discipline X unit</td>
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#### Year 3 Semester 1
Year 3 Semester 2

LOTE  EITHER LOTE 6 OR LOTE 8  
EDB003  Teaching and Learning Studies 3: Practising Education  
EDB032  Secondary Field Studies 2  
CLB037  LOTE Curriculum Studies 2 
Curriculum Studies 2 X

Year 4 Semester 1

EDB004  Teaching and Learning Studies 4: Inclusive Education  
EDB033  Secondary Field Studies 3  
CLB038  LOTE Curriculum Studies 3 
Curriculum Studies 3 X

Year 4 6TP4

EDB005  Teaching and Learning Studies 5: Professional Work of Teachers

Year 4 Semester 2

EDB034  Secondary Field Studies 4  
EDB035  Internship (Secondary)

ALL LOTE - GROUP Y (with Home Economics as GROUP X)

You should have completed either LOTE 1 and 2, or LOTE 3 and 4 in Year 1

You should also have completed the following units: EDB001, EDB006, EAB363, PUB113, PUB105, PUB201 in Year 1

For queries regarding the delivery of Japanese, German, Indonesian and French language units 1-6 or 3-8, please contact the Faculty of Business on 3138 2050 or email bus@qut.edu.au.

Year 2 Semester 2

LOTE  EITHER LOTE 4 OR LOTE 6  
EDB007  Culture Studies: Indigenous Education  
PUB321  Textile Studies  
PUB355  Hospitality Studies

Year 3 Semester 1

LOTE  EITHER LOTE 5 OR LOTE 7  
CLB036  LOTE Curriculum Studies 1 
CLB037  LOTE Curriculum Studies 2 
CLB038  LOTE Curriculum Studies 3 
PUB643  Home Economics Curriculum Studies 3

Year 4 Semester 1

EDB004  Teaching and Learning Studies 4: Inclusive Education  
EDB033  Secondary Field Studies 3  
CLB038  LOTE Curriculum Studies 3  
PUB743  Home Economics Curriculum Studies 3

Year 4 6TP4

EDB005  Teaching and Learning Studies 5: Professional Work of Teachers

Year 4 Semester 2

EDB034  Secondary Field Studies 4  
EDB035  Internship (Secondary)

ALL LOTE - GROUP Y (with PE as GROUP X)

You should have completed either LOTE 1 and 2, or LOTE 3 and 4 in Year 1

You should also have completed the following units: EDB001, EDB006, LSB142, HMB171, HMB315, HMB278 in Year 1

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<tr>
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<tbody>
<tr>
<td><strong>LOTE</strong> EITHER LOTE 3 OR LOTE 5</td>
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<tr>
<td><strong>EDB002</strong> Teaching and Learning Studies 2: Development and Learning</td>
<td></td>
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<tr>
<td><strong>EDB031</strong> Secondary Field Studies 1</td>
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<tr>
<td><strong>HMB231</strong> Physical Education Curriculum Studies 1</td>
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<tr>
<td><strong>LOTE</strong> EITHER LOTE 4 OR LOTE 6</td>
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<tr>
<td><strong>EDB007</strong> Culture Studies: Indigenous Education</td>
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<tr>
<td><strong>HMB337</strong> Organisation and Management In Physical Education And Sport</td>
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<tr>
<td><strong>HMB273</strong> Exercise Physiology 1</td>
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<tr>
<th>Year 3 Semester 1</th>
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<tr>
<td><strong>CLB036</strong> LOTE Curriculum Studies 1</td>
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<td><strong>LOTE</strong> EITHER LOTE 5 OR LOTE 7</td>
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<tr>
<td><strong>HMB313</strong> Socio-Cultural Foundations of Physical Activity</td>
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<td><strong>HMB314</strong> Performance Skills 1</td>
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<td><strong>LOTE</strong> EITHER LOTE 6 OR LOTE 8</td>
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<tr>
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<td><strong>CLB037</strong> LOTE Curriculum Studies 2</td>
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<td><strong>CLB038</strong> LOTE Curriculum Studies 3</td>
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<tr>
<td>MAB120 Algebra and Calculus</td>
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<td>MDB349 Excursions in Mathematical Reasoning</td>
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<td>MAB220 Computational Mathematics 1</td>
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You should have completed MAB105, MAB100, and MDB455 in Year 1

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<td>MDB388 Numeracy in Games of Skill and Chance</td>
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HMB315 in Year 1

Year 2 Semester 2
HMB278 Biological Aspects of Physical Education
HMB337 Organisation and Management In Physical Education And Sport
HMB273 Exercise Physiology 1

Year 3 Semester 1
HMB313 Socio-Cultural Foundations of Physical Activity
HMB314 Performance Skills 1

Physics (without Maths C) - GROUP Y (with MAI as GROUP X)

You should have completed PCB150, PQB250 and a discipline elective unit in Year 1

Year 2 Semester 2
MAB121 Calculus and Differential Equations

Year 3 Semester 1
MAB122 Algebra and Analytic Geometry
PQB360 Global Energy Balance and Climate Change
(Third year students who did not complete MAB111 in Year 2, must study MAB121 in Year 3, and either MAB122 or PQB360)

Physics (without Maths C) - GROUP Y (not to be taken with Science Studies)

You should have completed PCB150, PQB250 and MAB100 in Year 1

Year 2 Semester 2
MAB121 Calculus and Differential Equations

Year 3 Semester 1
MAB122 Algebra and Analytic Geometry
PQB360 Global Energy Balance and Climate Change
(Third year students who did not study MAB111 in Year 2, must take MAB121 in third year, and either MAB122 or PQB360)

Unit Options list
Second year students who wish to study one of the following Physics unit options as a discipline elective option in addition to the 6 core units above, will need to do this in place of EDB007 in Year 2/semester 2, and take EDB007 in Year 4/semester 2 (6TP4)

PQB251 Waves and Optics

PQB451 Electronics and Instrumentation
PQB460 Astrophysics 1

Physics (without Maths C) - GROUP Y (with MAI as GROUP X)

You should have completed PCB150, PQB250 and a discipline elective unit in Year 1

Year 2 Semester 2
OPTION One unit from Unit Options List below

Year 3 Semester 1
OPTION One unit from Unit Options List below
PQB360 Global Energy Balance and Climate Change

Unit Options list
PQB251 Waves and Optics
MAB220 Computational Mathematics 1
PQB451 Electronics and Instrumentation
MAB281 Mathematics for Computer Graphics
PQB460 Astrophysics 1

Physics (with Maths C) - GROUP Y (not to be taken with Science Studies)

You should have completed PCB150, PQB250 and MAB111 in Year 1

Year 2 Semester 2
MAB122 Algebra and Analytic Geometry
This core unit is offered in both semester 1 and 2, so can be swapped with an option unit from the list below, and MAB122 can then be taken in Year 3/semester 1 instead.

Year 3 Semester 1
PQB360 Global Energy Balance and Climate Change
OPTION One unit from Unit Options list below, can be taken in Year 2/semester 2 or Year 3/semester 1 swapping with MAB122
( Third year students who studied MAB112 in Year 2, should not take MAB122 in third year, but must study PQB360 and an option unit from the list below)

Unit Options list
MAB311 Advanced Calculus
PQB251 Waves and Optics
PQB451 Electronics and Instrumentation
PQB460  Astrophysics 1

**Physics (with Maths C) - GROUP Y ((with Maths as GROUP X))**

You should have completed PCB150, PQB250 and a discipline elective unit in Year 1

**Year 2 Semester 2**

OPTION One unit from Unit Options list below

**Year 3 Semester 1**

PQB360  Global Energy Balance and Climate Change

OPTION One unit from Unit Options list below

**Unit Options list**

MAB311  Advanced Calculus
MAB220  Computational Mathematics 1
MAB281  Mathematics for Computer Graphics
MAB313  Mathematics of Finance
MAB311  Advanced Calculus
MAB312  Linear Algebra
MAB314  Statistical Modelling 2
MAB422  Mathematical Modelling
MAB315  Operations Research 2
MAB414  Applied Statistics 2
MAB461  Discrete Mathematics

Science Studies - GROUP X (not to be taken with Biology, Chemistry, Earth Science or Physics)

You should have completed MDB391, SCB110, and SCB112 in Year 1

**Year 2 Semester 2**

CLB110  Environment and Society

OPTION One unit from History Unit Options List below

**Year 3 Semester 1**

EITHER

CLB112  South East Asia in Focus

OR

CLB113  Australian Geographical Studies

Students who will be in their third year in 2011, must study

CLB109

**Unit Options list**

HISTORY UNITS:

CLB104  Colonialism and Independence in Asia-Pacific
CLB105  Australia and the South Pacific
CLB107  The Classical World

UNITS FOR STUDENTS WHO COMMENCED IN 2007

**ENROLMENT INFORMATION FOR FINAL YEAR STUDENTS**

**Year 4, Semester 1**

EDB004  Teaching and Learning Studies 4: Inclusive Education
EDB033  Secondary Field Studies 3

Curriculum Studies 3 X
Curriculum Studies 3 Y

**Year 4, 6TP4**

EDB005  Teaching and Learning Studies 5: Professional Work of Teachers

OPTION One unit from Options List below (6TP4 mode only)

EDB005 is delivered through the Stepping Out Conference, which for 2010 is held from 12-14 July (subject to change).

**Year 4, Semester 2**

EDB034  Secondary Field Studies 4
EDB035  Internship (Secondary)

**Unit Options List (6TP4 mode)**

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SPB012 Classroom and Behaviour Management
SPB020 Classroom Assessment Practices
EDB007 Culture Studies: Indigenous Education

Only PE and HEC students may take EDB007 (6TP4 mode), all other students choose a unit from the options list, as should have completed EDB007 in Year 2 sem 2

SPB006 Educational Counselling

If enrolled in SPB006, must choose BLOCK option in semester 2, as no 6TP4 version available, and all assessment must be completed and graded prior to commencement of Internship. Contact Course Admin Officer and Unit Coordinator for further advice. SPB006 block dates: Sem 2, 2010: 29 June - 3 July

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Potential Careers:
Secondary School Teacher, Teacher.

UNIT SYNOPSIS

AMB031 MANDARIN 1
This unit introduces students who have little or no prior knowledge of Chinese Mandarin to the four macro skills of listening, speaking, reading and writing through an integrated communicative approach to teaching. Content will include: the Mandarin sound and tonal systems; the Pinyin Romanisation system; introduction to Chinese character writing, greetings and introductions; family, identification of nationalities, places and objects, locations and directions.

Antirequisites: HHB051 and HUB453
Equivalents: HHB031
Credit points: 12
Campus: Gardens Point
Teaching period: 2010 SEM-1 and 2010 SUM-1

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AMB032 MANDARIN 2
This subject continues to develop the four macro skills of listening, speaking, reading and writing through an integrated communicative approach. While there is further consolidation of the knowledge of the Pinyin Romanisation system, greater attention is devoted to the reading and writing of characters. With acquisition of language, students receive further exposure to aspects and characteristics of Chinese culture.
Prerequisites: AMB031 or HHB031 or HUB453 or HHB051
Antirequisites: HHB052, HUB454
Equivalents: HHB032
Credit points: 12
Campus: Gardens Point
Teaching period: 2010 SEM-2

AMB033 MANDARIN 3
This unit is designed to meet student needs to further develop their basic knowledge and skills for understanding, speaking, reading and writing Mandarin Chinese in a wide range of everyday situations. Eligible students are those who have: successfully completed introductory Mandarin units HHB031/AMB031 and HHB032/AMB032 at QUT; or successfully completed equivalent Mandarin study elsewhere. Graduates from high schools who have completed Year 12 Mandarin should also enrol in this unit. (Students who have undergone primary and secondary education in China and Taiwan are not eligible for this unit. Students who cannot speak Mandarin Chinese but can read and write Chinese script are not eligible either. They should enrol in AMB030 Mandarin for Chinese.)
Prerequisites: AMB032 or HHB032
Equivalents: HHB033
Credit points: 12
Campus: Gardens Point
Teaching period: 2010 SEM-1

AMB034 MANDARIN 4
This unit follows on from AMB033. Students further develop their knowledge and skills needed to understand, speak, read and write Mandarin Chinese in a wide range of everyday situations and to give presentations on given topics. Resources include textbook, workbook, CDs, DVDs and online multimedia materials. Students learn about 400 Chinese characters and have further exposure to various aspects of Chinese society and culture.
Prerequisites: AMB033 or HHB033
Equivalents: HHB034
Credit points: 12
Campus: Gardens Point
Teaching period: 2010 SEM-2

AMB035 MANDARIN 5
This unit develops students’ communication skills in using Mandarin Chinese at the intermediate level. It provides students with opportunities to further practise and consolidate what they have learned in the previous units, and at the same time it expands students’ knowledge and skills by engaging them in learning new contents and in participating in various types of communicative tasks. Students are exposed to a wide range of topics of interest to them about Chinese society and culture. Resources include textbook, workbook, CDs, DVDs and online multimedia programs.
Prerequisites: AMB034 or HHB034
Credit points: 12

AMB036 MANDARIN 6
This unit continues on from the first semester. It provides Mandarin language instruction and interaction at the intermediate level. It allows students to discuss various aspects of Chinese society and culture in relation to the society and culture they come from and familiar with. Resources include textbook, workbook, CDs, DVDs and online multimedia programs.
Prerequisites: AMB035
Credit points: 12

AMB037 MANDARIN 7
This unit primarily builds on the language skills students have acquired at the intermediate level. It provides further language instruction and interaction for those students who want to develop their communication skills even further in Mandarin Chinese to an advanced level. Apart from set materials, students are also encouraged to make full use of online recourses and current computer technology to research on topics of their interest about Chinese language, society and culture. In accordance with student makeup, business Chinese may be included.
Prerequisites: AMB036
Credit points: 12

AMB038 MANDARIN 8
This unit follows on from the first semester. It provides further language instruction and interaction for those students who want to proceed to an advanced proficiency level in Mandarin Chinese. Apart from set materials, students are also encouraged to make full use of online recourses and current computer technology to research on topics of their interest about Chinese language, culture and society. In accordance with student makeup, business Chinese may be included.
Prerequisites: AMB037
Credit points: 12

AMB230 DIGITAL PROMOTIONS
This subject addresses an important area of business activity and explores the way in which the Internet is changing marketing practice. The foundations of promotion are examined and applied online. The nature, history, and social implications of the Internet are explored. The promotional mix is analysed with a strong focus on developing successfully integrated web sites for organisations. Learners will develop skills in strategic planning, creative strategy, design, web development as it relates to advertising and promotion, research, and campaign evaluation. Learners will gain important skills in the planning, developing and marketing of websites.
Prerequisites: BSB126, CTB126, or BSB112
Antirequisites: COB218  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

BSB110 ACCOUNTING
Accounting data is the basis for decision making in any organisation. Accordingly, the aim of this unit is to provide students with a basic level of knowledge of modern financial and managerial accounting theory and practice so that they can understand how accounting data is used to help make decisions in organisations. The unit covers financial procedures and reporting for business entities, analysis and interpretation of financial statements and planning, control and business decision making.

Antirequisites: BSD110, CNB293, UDB342  Equivalents: CTB110  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point and Caboolture  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

AYB200 FINANCIAL ACCOUNTING
Financial Accounting examines of the accounting concepts and procedures relevant to both partnership and corporate structures within the context of the accounting profession's conceptual framework and the relevant accounting standards and Corporations Law requirements. Topics include: the formation, operation, financial reporting and disclosure for both partnerships and companies; accounting for leases; and the professional role of accountants. The emphasis is on the effect of the different forms of ownership on the financial statements.

Prerequisites: BSB110 or CTB110  Equivalents: AYB121  Credit points: 12  Campus: Gardens Point  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

BSB111 BUSINESS LAW AND ETHICS
This unit integrates the concepts and principles of business law with the theories and applications of business ethics. The unit makes extensive use of cases in law and ethics to develop knowledge and skills that enable students to analyse, apply and evaluate the legal principles and ethical decision-making processes relevant to modern business practice.

Antirequisites: AYB120  Equivalents: CTB111  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point and Caboolture  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

AYB221 COMPUTERISED ACCOUNTING SYSTEMS
This unit provides an examination of the concepts, processes and issues relevant to computerised accounting systems including: accounting information systems; internal controls; design and development of computerised accounting systems including general ledger and reporting cycle, revenue cycle, expenditure cycle and payroll cycle; computer fraud, security and crime; accessing accounting information; and accounting in an electronic environment. Practical application of these concepts is enhanced by the use of accounting software such as MYOB, spreadsheet software such as Excel, database software such as Access, and interactive multimedia software such as Accounting Information Systems Cycles.

Prerequisites: BSB110 or CTB110  Antirequisites: AYN443  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

BSB115 MANAGEMENT
The unit provides an introduction to the theories and practice of management and organisations. Emphasis is on the conceptual and people skills that are needed in all areas of management and in all areas of organisational life. The unit acknowledges that organisations exist in an increasingly international environment where the emphasis will be on knowledge, the ability to learn, to change and to innovate. Organisations are viewed from individual, group, corporate and external environmental perspectives.

Antirequisites: BSD115  Equivalents: CTB115  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point and Caboolture  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

BSB119 GLOBAL BUSINESS
This unit examines the drivers of globalisation and the diversity of country markets at an introductory level. It develops the skills and understanding to identify and respond to the opportunities, challenges and risks of conducting business across politically, economically and culturally diverse environments. An authentic country feasibility study is undertaken to help identify where a firm can find opportunities both in terms of actual and potential markets and the location for value-adding activities. The unit
aims for students to have developed a comprehension of the nature and role of globalisation and the drivers of international business, a. knowledge of the competitive forces and challenges confronting all business as a consequence of globalisation processes and an awareness of the additional knowledge and skills required of management to operate business internationally across a diversity of environments.

Antirequisites: BSB116, BSB112  Equivalents: CTB119
Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point and Caboolture  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

BSB123 DATA ANALYSIS
The ability to collect, analyse, manipulate, understand and report data is an important skill in any work environment. This is particularly true in business where learning to deal with randomness, variation and uncertainty is a vital skill for anyone intending to apply their knowledge. This unit is designed to ensure that students gain the basic tools necessary to allow them to develop this skill. Students will also gain an introduction to many of the quantitative techniques which will be used throughout their further studies in their chosen discipline.

Antirequisites: BSB117, BSB122, CTB122, EFB101, MAB101, MAB141,MAB233  Credit points: 12  Campus: Gardens Point and Caboolture  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

BSB124 WORKING IN BUSINESS
This unit will help you to kickstart your study and your career in business regardless of your specific discipline. Not only does “Working in Business” give you an understanding of where business has come from and where it is headed, but you will also gain insights into yourself and how you can develop as both a student and professional in the business world. It covers an overview of business, the important issues for working as a professional in an organisation, and also gives you the opportunity to reflect on your own skills, preferences and career options so you can plan a future that suits you.

Antirequisites: BSB114, CTB114, HHB113  Credit points: 12  Campus: Gardens Point and Caboolture  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

BSB126 MARKETING
This introductory subject examines the role and importance of marketing to the contemporary organisation. Emphasis is placed on understanding the basic principles and practices of marketing such as the marketing concept, market segmentation, management information systems and consumer behaviour. The unit explores the various elements of the marketing mix, with special reference to product, price, distribution, and promotion, including advertising and public relations. By way of introduction only, key issues relating to services marketing, e-marketing and strategic marketing are also canvassed.

Antirequisites: BSB116  Equivalents: CTB126  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point and Caboolture  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM

CLB001 RECORDS MANAGEMENT
This unit introduces the paper-based and electronic records and information systems operating within and between organisations and the impact that changes in communication technology have had on these systems.

Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB002 COMPUTER APPLICATIONS IN BCT
This unit includes the study of the use of technology for document preparation, analysis of underlying principles of skills acquisition and traditional and technological perspectives on the following: document design, document formatting, business correspondence, tabulation, financial statements, business forms, and document formatting for specialised businesses.

Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB003 ADMINISTRATIVE PROCEDURES
This unit includes an analysis of business environments in a variety of industries: communication practices, communication flows, functions and operational procedures, and the influence and impact of communication technology.

Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB010 ACCOUNTING AND BUSINESS MANAGEMENT CURRICULUM STUDIES 2
This unit is the second in a suite of three complementary units which can be undertaken in Business Education. It has been designed to expand on previous planning and
teaching strategies with a major focus on assessment. Students will examine the QSA Senior BCT Syllabus to understand mandatory aspects of the syllabus and will prepare students for their professional role as a teacher of secondary business education subjects, in particular, BCT. **Prerequisites:** CLB051  **Credit points:** 12  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**CLB018 ENGLISH CURRICULUM STUDIES 1**
This introduction to English teaching in secondary schools, provides an indispensable foundation on which English Curriculum Studies II and III are built. Students will develop an understanding of the theories of language and texts that underpin secondary English curriculum and pedagogy and which condition students learning within English classrooms. Students will have opportunities to apply their learning to their field observations and to plan to put theory of language, texts and learners into practice for English teaching.

**Assumed knowledge:** 24 credit points of English discipline studies is assumed knowledge.  **Credit points:** 12  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**CLB019 ENGLISH CURRICULUM STUDIES 2**
This unit provides an opportunity to develop a theorized understanding of the Queensland English Syllabus for Years 1-10 and to implement this understanding by developing lessons and curriculum units that are appropriate for the needs and interests of diverse learners in a range of sociocultural contexts.

**Prerequisites:** CLB018  **Credit points:** 12  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**CLB020 ENGLISH CURRICULUM STUDIES 3**
This unit provides opportunities to develop a theorized understanding of the Queensland English Syllabus for Years 11 and 12, Senior English Communication (SAS) and the Senior English Extension (Literature) Syllabus, and to implement this understanding by analysing and developing senior English programs, teaching and assessment strategies that are appropriate for the needs and interests of diverse learners in particular sociocultural contexts.

**Prerequisites:** CLB019  **Credit points:** 12  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**CLB021 ENGLISH AS A SECOND LANGUAGE CURRICULUM STUDIES 1**
Effective ESL practitioners require a knowledge and understanding of the many factors that impact on the effective learning of a second (or an additional) language and on learning curriculum content through an additional language. They also need to know how these factors influence planning for learning and how they can be managed to maximise learning outcomes. In this first curriculum unit, students will engage with some of the theory that influences approaches to teaching English as an additional language across the curriculum. Students will engage with the documents that impact on planning for ESL teaching and learning eg ESL Framework of Stages and NLLIA ESL Bandscales.

**Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-1

**CLB022 ESL CURRICULUM STUDIES 2**
This unit introduces the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom.

**Prerequisites:** CLB021  **Credit points:** 12  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**CLB023 ESL CURRICULUM STUDIES 3**
This unit introduces the theoretical and practical knowledge and skills required by an effective practitioner in the complex social environment of the classroom.

**Prerequisites:** CLB022  **Credit points:** 12  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-1

**CLB024 FILM AND MEDIA CURRICULUM STUDIES 1**
This unit is designed to develop competencies needed for planning and teaching in junior secondary Media (Years 8-10). Students will be introduced to the current curricular directions and frameworks for junior media (1-10) and its applications across the curriculum. The unit will build on the understandings and skills students developed in the unit Teaching and Learning Studies I and II and relate also to Field Studies I. This should assist in preparing students for the further Field Studies components of the course.

**Assumed knowledge:** 24 credit points of Film and Media discipline studies is assumed knowledge.  **Credit points:** 12  **Contact hours:** 3 per week  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-1

**CLB025 FILM AND MEDIA CURRICULUM STUDIES 2**
This unit allows students to apply theoretical knowledge of the curriculum and their Film and Media discipline units to senior secondary contexts. The unit offers the opportunity to develop research and presentation skills by formally researching and discussing the teaching implications of a number of current topics in film and media education.

**Prerequisites:** CLB024  **Credit points:** 12  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-2

**CLB026 FILM AND MEDIA CURRICULUM STUDIES 3**
This unit allows students to apply technological concepts and skills in senior and junior media studies and across other curriculum areas. The unit helps students understand and design pre-production texts investigating the role of technologies in the senior curriculum.

**Prerequisites:** CLB025  **Credit points:** 12  **Campus:** Kelvin Grove  **Teaching period:** 2010 SEM-1
CLB028 GEOGRAPHY CURRICULUM STUDIES 2
This unit provides opportunities to develop an understanding of teaching and learning in Geography and Studies of Society and Environment.

Prerequisites: CLB054  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB031 HISTORY CURRICULUM STUDIES 2
This unit provides opportunities to develop an understanding of teaching and learning in History and Studies of Society and Environment (SOSE).

Prerequisites: CLB054  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB034 LEGAL STUDIES CURRICULUM STUDIES 2
The second of three complementary units in Legal Studies Curriculum. Units are designed to help prepare students for a professional role as a teacher of secondary school Senior Legal Studies, and also to prepare them to teach in lower secondary subjects which are law-related, particularly the Civics syllabus of SOSE.

Prerequisites: CLB051 or CLB054  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB036 LOTE CURRICULUM STUDIES 1
This unit allows students to develop an understanding of the language learning process and their awareness of the place of languages in the school curriculum. Students will be encouraged to become reflective learners/teachers who can analyse the contexts in which they work, are familiar with policy and curriculum issues and are able to make soundly-based professional judgments designed to maximize learning for all students.

Assumed knowledge: 48 credit points of appropriate LOTE discipline studies is assumed knowledge.  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB037 LOTE CURRICULUM STUDIES 2
Practising teachers need to be aware that syllabuses, policy documents and the classroom practices and teaching strategies to which they give rise reflect underlying views of language and learning.

Prerequisites: CLB036  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB038 LOTE CURRICULUM STUDIES 3
This unit builds on the two previous units and explores in greater depth a range of practical and theoretical issues in the area of LOTE curriculum development and implementation.

Prerequisites: CLB037  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB040 SOCIAL SCIENCE CURRICULUM STUDIES 2
This unit involves translating the syllabuses into modules or units of work, as well as placing an emphasis on assessment principles in Social Science. Students will also be involved in the development of advanced teaching strategies.

Prerequisites: CLB054  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB045 BECOMING A SECOND LANGUAGE USER
This unit aims to develop understanding of the processes of second language acquisition from both a practical and theoretical perspective. Students will gain an insight into the attributes of second language users and the issues facing them in contemporary education.

Credit points: 12  Campus: Kelvin Grove

CLB049 THE GLOBAL TEACHER
This unit enhances the skills of educators to design curriculum and pedagogy in ways that address global citizenship and educational and human rights.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB050 MOVIES AND POPULAR CULTURE
This unit analyses and explores the way contemporary thought about society and culture emerges in fictional film and television. Although this unit can be studied as an independent unit, it is also designed to complement other units which focus on film and media and on media literacy and education.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB051 BUSINESS EDUCATION CURRICULUM STUDIES 1
This is the first of three complementary units in the teaching of Business Education. The three units have been designed to help prepare you for a professional role as a teacher of lower and senior secondary school Business Education subjects (Accounting Business Management, Business Communication Technologies, Economics, Legal Studies, and ICT. In this first unit, the focus will be on curriculum development and teaching approaches in Lower Secondary Business and ICT Education.

Assumed knowledge: 24 credit points of Business Education discipline studies is assumed knowledge.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB053 BUSINESS EDUCATION CURRICULUM STUDIES 3
This unit, the final of three complementary units in the teaching of Business and ICT Education, will develop further
your professional knowledge and skills as a learner-focused educator and skilled curriculum developer. The unit explores relevant issues, pedagogy and professional requirements essential for teachers of Business and ICT Education in the twenty-first century classroom.

**Prerequisites:** CLB010 or CLB013 or CLB034  
**Credit points:** 12  
**Campus:** Internet and Kelvin Grove  
**Teaching period:** 2010 SEM-1

### CLB054 SOCIAL EDUCATION CURRICULUM STUDIES 1

This is the first of three complementary units in Social Education curriculum aimed at preparing you to teach Social Science subjects in the lower secondary school. This unit focuses on recent developments within the curriculum area of social education, with particular reference to the field of Studies of Society and Environment (SOSE) as a national Key Learning Area. It explores the theoretical context for these curriculum areas, and places emphasis on the links between theory and practice.

**Assumed knowledge:** 24 credit points of discipline studies from any of the following is assumed knowledge: Social Science, History, Geography, and Legal Studies.  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

### CLB056 SOCIAL EDUCATION CURRICULUM STUDIES 3

This is the third of three complementary units in Social Education curriculum. The aim of this unit is to provide you with opportunities to develop an understanding of the ways in which new policies and initiatives have impacted on teaching and learning in social sciences and specific discipline studies in the senior school.

**Prerequisites:** CLB031 or CLB028 or CLB034 or CLB040  
**Credit points:** 12  
**Campus:** Internet and Kelvin Grove  
**Teaching period:** 2010 SEM-1

### CLB101 AUSTRALIAN SOCIETY AND CULTURE

This unit is designed to provide overseas and Australian students with an understanding of Australian culture and values. It offers insights and understandings about issues that divide Australians as well as events and circumstances that unite the nation.

**Equivalents:** HHB106, HHB108  
**Credit points:** 12  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

### CLB102 AUSTRALIAN HISTORICAL STUDIES

There are now competing ideologies and contexts shaping, dominating and influencing the way we think historically about Australia. This unit presents a past in Australia that is constructed, invented, contested and open to interpretation.

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

### CLB103 INTERPRETING THE PAST

For the purposes of this unit, 'history' will be taken to mean a set of practices developed by professional historians to produce knowledge about the past. The study of these practices promotes understandings of how historians set about their work, the rules that govern their methods, the reliability of historical knowledge and the value of history socially and culturally.

**Equivalents:** HHB121  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

### CLB104 COLONIALISM AND INDEPENDENCE IN ASIA-PACIFIC

This unit provides a general introduction to the history, geography and cultures of the Asia-Pacific region. It traces the rise and decline of colonial empires, the growth of nationalism in East Asia, Southeast Asia and the Pacific and the dynamic policies of the Asia-Pacific and their search for identity, independence, growth and stability.

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

### CLB105 AUSTRALIA AND THE SOUTH PACIFIC

This unit is based on a critical study of the evolving relationship between Australia and the Pacific Islands. The key issue in this unit is: does Australia have a Pacific history?

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

### CLB106 MODERN CHINA

The unit provides students with the knowledge of how China, formerly a Dynastic Empire, was disempowered by Western Imperialism, only to obtain independence through the governmental embrace of Communism. The role of powerful individuals in determining China’s destiny, and an understanding of how the country’s fortunes changed over time are additional features of the content.

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

### CLB107 THE CLASSICAL WORLD

The aim of this unit is to endeavour to explain/understand particular societies and their transition in the Classical World, by focusing attention on selected periods, aspects and individuals pertaining to ancient Greece and Rome.

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2
CLB108 NATIONS AND NATIONALISM IN MODERN EUROPE
This unit will develop an understanding of matters pertinent to the evolution of nationalism in Europe in the modern era. This will include the influence of social movements and cultural and economic issues.

Equivalents: HHH260  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB109 WORLD REGIONS
This unit offers an introductory geographical overview of global regions. This is an excellent basis from which to develop an understanding of complex interrelationships between regions and nations. The integrated knowledge gained is of current and practical value to professionals in many fields requiring a knowledge of international affairs including teachers, planners, journalists, business managers and travellers and people in general.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB110 ENVIRONMENT AND SOCIETY
People and nature interact to create distinctive and dynamic places and landscapes. Applied geography, with its integrating perspective and skills-base, helps us to understand this. The discipline hence addresses some of our most pressing social and environmental problems. Geography objectively views human activities, natural systems and their inter-relationships in terms of consequent spatial patterns and impacts on landscapes, regions and places.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB111 ENVIRONMENTAL HAZARDS
This unit takes a geographical perspective to investigate the characteristics and distribution of environmental hazards, patterns of risk and vulnerability, and how people perceive, manage and adjust to hazardous environments.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB112 SOUTH EAST ASIA IN FOCUS
Australia’s interaction with Southeast Asia, including our most populous nearest neighbour, Indonesia, continues to increase in significance. This unit examines aspects of Southeast Asian geography, environment, society and culture, in a contemporary framework.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB113 AUSTRALIAN GEOGRAPHICAL STUDIES
Australia faces challenging problems and changes in relation to its changing population, socio-economic development and environmental sustainability. Many of these problems, relating to land-use and settlement patterns, migration trends, resource and hazard distribution, regional socio-economic structure, remoteness and accessibility etc, have a geographical basis. The aim is to describe and analyse, Australia’s natural and social landscapes, their interaction, and the changes occurring in them from a geographical perspective.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB114 GEOGRAPHY IN THE FIELD
The unit builds upon the geography program to develop advanced understanding of social science research approaches and information capture/analysis. This provides a foundation in research and project design, relevant to a wide range of professions. You will develop skills in the preparation of project grant applications and in presenting a research plan orally.

Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

CLB320 STUDIES IN LANGUAGE
This unit addresses the following topics: the language basis in current approaches to the teaching of English; nature and function of language; the dynamics involved in interactive situations; the appropriateness of language forms used in various social contexts; the educational implications of linguistic diversity within the community; the recognition of the developmental features of adolescent language.

Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1 and 2010 SEM-2

CLB321 WRITING WORKSHOP
The student, as writer, uses all the language modes in social contexts (either genuine or simulated) to lead to writing in a range of situations. Engagement in these writing situations is designed to bring about personal understanding of the following: the nature of the writing process; the influence of audience and purpose on the final written product; the range of genres (or forms) falling within the writing activity.

Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

CLB322 LITERATURE IN SECONDARY TEACHING
This unit covers the following topics: literature teaching in historical perspective; recent developments in theory; poetry in the senior school; teaching drama in the senior school; teaching the novel in the senior school; shorter works (novellas, short stories) and their use in the English curriculum.
CLB323 TEACHING ADOLESCENT LITERATURE
This unit addresses the following topics: scope and nature of young adult literature; strategies for evaluation and selection; recent research into adolescents’ reading needs, interests and responses; using young adult books in the curriculum.

Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-2

CLB347 TEACHING ENGLISH AS AN ADDITIONAL LANGUAGE
This elective unit for students in all teaching specialisations will develop understanding of specific language and learning needs of students for whom English is a second language. It deals with differences in first and second language development, professional implications of significant policy initiatives related to second language learners, and issues in analysis, assessment and cross-cultural communication. Participants will also investigate language demands of their own area of specialisation and develop appropriate teaching techniques and resources.

Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-2

CLB401 CULTURAL DIVERSITY AND EDUCATION
This unit explores the multicultural nature of Australian society and its educational approaches to addressing the needs of cultural diversity. Participants will analyse the role of the school and the teacher with respect to schooling and pluralism. Students will learn how to identify and challenge various forms of discrimination, and recognise the kinds of social, curriculum, and classroom management policies which are sensitive to the needs of students from diverse socio-cultural backgrounds.

Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove

CLB446 GRAMMAR IN THE CLASSROOM: THEORIES AND PEDAGOGIES
Over the past twenty years, linguistic studies have increasingly informed the development of language curriculum, the assessment of language, and the processes of language and literacy learning in schools. Over the same time the need for teachers to have systematic knowledge of language and how it works has been recognised. In much of Australia this systematic approach to describing language comes principally from the systemic functional school of linguistics. This unit provides an organised, contextualised introduction to that linguistic model through workshop sessions involving the writing and reading of a range of genre. In this unit, students will learn to critically evaluate texts, their purposes and the language resources employed by writers.

Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-2

EAB363 CREATING CURRICULUM WITH YOUNG CHILDREN
The concept of curriculum in early childhood education evokes much discussion and debate. In this unit, more encompassing concepts of curriculum for young children will be considered in the light of theories and research that suggest that children construct their own knowledge. Ways in which teachers and children can work together in creating a curriculum that is meaningful to children while meeting the expectations of parents and society in relation to child care, kindergarten/preschool and lower primary settings are considered. Practical strategies for setting up supportive learning environments and methods for evaluating teaching and learning are included.

Credit points: 12    Campus: Kelvin Grove    Teaching period: 2010 SEM-2

EDB001 TEACHING AND LEARNING STUDIES 1: TEACHING IN NEW TIMES
Teaching today is being practised in a changing world. New forms of culture and society have emerged in recent decades alongside new and more globalised diagrams of economy, power and government. Schooling and education in all domains are being affected by these shifts and transformations. Educational sites, for instance, are becoming more differentiated and enterprising; learners themselves increasingly more diverse, active and autonomous. Teaching in New Times challenges students, in the early stages of their course, to develop an insightful and research-based conceptual framework, drawn from social theory and cultural studies, so that they may respond to these transformations in an informed, ethical and professional manner.

Credit points: 12    Contact hours: 4 per week    Campus: Kelvin Grove and Caboolture    Teaching period: 2010 SEM-1 and 2010 SEM-2

EDB002 TEACHING AND LEARNING STUDIES 2: DEVELOPMENT AND LEARNING
This unit has the dual purposes of promoting your own personal and professional development as life long, creative, autonomous learners, capable of reflection and high level thinking, and of enabling you, as educators, to promote similar development in your learners. Pursuit of these aims will involve an exploration of human development, from personal and interpersonal perspectives, with sensitivity to socio-cultural contexts, and with a particular focus on the theory, research and practice which informs educators about how learners construct knowledge and become creative, self-motivated thinkers and problem solvers.
EDB003 TEACHING AND LEARNING STUDIES 3: PRACTISING EDUCATION

Education is a social and cultural activity. This unit provides a sociological and cultural studies framework that provides an insightful explanation of how education in its various sites is constructed and organised. The unit includes a socio-cultural analysis of an educational site which will be undertaken in conjunction with the Field Studies unit.

Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove, External and Caboolture    Teaching period: 2010 SEM-1

EDB004 TEACHING AND LEARNING STUDIES 4: INCLUSIVE EDUCATION

This unit aims to develop students' understanding and appreciation of the contributions that diversity, belonging and trust make towards a quality learning environment for all learners. Students will learn to engage in teaching a broad range of students in diverse and inclusive ways utilising pedagogies and curriculum practices that enhance learning for all students and generate inclusive cultures within the school and classroom settings. Desired outcomes are achieved through descriptive, interpretative, analytic and expressive processes to share learning with fellow students and staff.

Credit points: 12    Campus: Kelvin Grove    Teaching period: 2010 SEM-1

EDB005 TEACHING AND LEARNING STUDIES 5: PROFESSIONAL WORK OF TEACHERS

Students will share the responsibility for shaping their beginning career learnings through a process of professional induction with a number of key significant stakeholders. The process will be proactive, collaborative and self determined and students will need to become professionally responsible for developing a professional development program that best accommodates their needs at the close of the teacher education program.

Prerequisites: EDB033, EDB023, or EDB013    Credit points: 12    Campus: Internet, Kelvin Grove, External and Caboolture    Teaching period: 2010 6TP4

EDB006 LEARNING NETWORKS

This unit explores the concept of learning networks: interacting social and technical systems that lead to collective sense-making and knowledge construction. Topics include the nature and use of Information and Communication Technologies (ICTs), learning theories and technologies and socio-technical practices in learning networks.

Antirequisites: CLB341, MDB385    Credit points: 12

EDB007 CULTURE STUDIES: INDIGENOUS EDUCATION

Numerous government reports and recent discussions about reconciliation have called for an increased commitment to Indigenous education in Australia. Teachers are increasingly being asked to improve their skill, knowledge and understanding to teach Indigenous students, and to teach curricula which incorporates Indigenous viewpoints on social, cultural and historical matters. This unit begins with an analysis of the students' own cultural place in the Australian context and afterwards moves towards an understanding of Aboriginal and Torres Strait Islander perspectives on history and contemporary issues, and an understanding of why Aboriginal and Torres Strait Islander students have been so disadvantaged by the Australian education system.

Credit points: 12    Contact hours: 3 per week    Campus: Internet, Kelvin Grove and Caboolture    Teaching period: 2010 6TP4 and 2010 SEM-2

EDB031 SECONDARY FIELD STUDIES 1

Designated Unit.

This unit focuses on the students' professional development as an educator, and reinforces the twin themes of teacher as researcher, and teacher as reflective practitioner. It provides the first set of teaching experiences, in a graduated sequence over the course of the BEd. Students develop the ability to plan, implement and evaluate effective teaching/learning programs. This requires an understanding of learner needs, curriculum knowledge, procedures for creating supportive classroom environments, and sensitivity to socio-cultural contexts.

Please note in Semester 2 this unit is ONLY available to students who have previously failed the unit and have received approval from the faculty to be enrolled in the alternate offering. This unit is not available to Visiting or Cross-Institutional students.

Prerequisites: HMB231, HMB292, CLB018, CLB036, CLB021, CLB051, CLB054, MDB015, MDB021, MDB031, or PUB343 (can be enrolled in the same teaching period)

Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-1 and 2010 SEM-2

EDB032 SECONDARY FIELD STUDIES 2

Designated Unit.

Through critical examination of the socio-cultural dimensions of these sites, this unit aims to utilise aspects of social enquiry to analyse the practice of teaching as a social and cultural activity. At the same time, the unit aims to develop students' pedagogical and curriculum skills as a teachers.
Prerequisites: EDB031, and HMB331, HMB396, CLB019, CLB025, CLB037, CLB022, CLB010, CLB013, CLB016, CLB028, CLB031, CLB034, CLB040, MDB010, MDB013, MDB016, MDB022, MDB025, MDB028, MDB453, or PUB643 (can be enrolled in the same teaching period)

Credit points: 12  Campus: Internet, Kelvin Grove and External  Teaching period: 2010 SEM-2 and 2010 SUM

EDB033 SECONDARY FIELD STUDIES 3
Designated Unit.
Students will be required to design, implement and evaluate differentiated teaching strategies, programs and assessment tasks in inclusive and critically reflective ways and in a manner that is responsive to the diverse nature of the students in your classes. Students will be required to argue that their orientations to curriculum, teaching and assessment reflect practices that offer all students access to quality learning experiences.

Prerequisites: EDB032, and HMB431, HMB496, CLB020, CLB026, CLB038, CLB023, CLB053, CLB056, MDB017, MDB023, MDB033, or PUB743 (can be enrolled in the same teaching period)

Credit points: 12  Campus: Internet and Kelvin Grove  Teaching period: 2010 SEM-1 and 2010 SEM-2

EDB034 SECONDARY FIELD STUDIES 4
Designated Unit.
This unit is designed to fully immerse the pre-service teacher into the field with a view to scaffolding their repositioning as an autonomous, critically reflective, inclusive professional teacher on completion.

Prerequisites: EDB033  Credit points: 12  Campus: Internet and Kelvin Grove  Teaching period: 2010 5TP2 and 2010 SEM-2

EDB035 INTERNSHIP (SECONDARY)
Designated Unit.
This unit aims to induct students into the professional work of teachers. The aim of this unit is to apply the knowledge, skills and understandings of teaching and learning that students have acquired throughout the course in an extended time in the workplace.

Prerequisites: EDB034 (Can be enrolled in same teaching period)  Assumed knowledge: Completion of all units in your course is assumed knowledge.  Credit points: 12  Campus: Internet and Kelvin Grove  Teaching period: 2010 5TP3 and 2010 SEM-2

EDB410 INTRODUCTION TO RESEARCH METHODS
This unit provides a foundation for understanding research design and methods in education. It focuses on reading, understanding and evaluating educational research both within and across different paradigms and on enabling students to develop their own plan for a small-scale research project. It includes the development of skills in understanding, appreciating, and using the processes and techniques of research. Students are made aware of the variety of research cultures and theoretical perspectives, to become informed consumers of the research findings of others.

Other requisites: Entry to the Research Pathway is by invitation from the Research Pathway Coordinator. Students are required to have a GPA of 5.5 or above.  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

EDB411 DISSERTATION (STAGE 2)
This unit provides you with opportunities to develop research skills that are increasingly important for teachers in an era when schools, professional associations and other educational settings are becoming important sites of knowledge production.

Prerequisites: EDB410 (can be enrolled in the same teaching period)  Other requisites: Entry to the Research Pathway is by invitation from the Research Pathway Coordinator. Students are required to have a GPA of 5.5 or above.  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1 and 2010 SEM-2

EDB411 DISSERTATION (STAGE 1)
This unit provides you with opportunities to develop research skills that are increasingly important for teachers in an era when schools, professional associations and other educational settings are becoming important sites of knowledge production.

Prerequisites: EDB410 (can be enrolled in the same teaching period)  Other requisites: Entry to the Research Pathway is by invitation from the Research Pathway Coordinator. Students are required to have a GPA of 5.5 or above.  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1 and 2010 SEM-2

EDB411 DISSERTATION (STAGE 3)
This unit provides you with opportunities to develop research skills that are increasingly important for teachers in an era when schools, professional associations and other educational settings are becoming important sites of knowledge production.

Other requisites: Entry to the Research Pathway is by invitation from the Research Pathway Coordinator. Students are required to have a GPA of 5.5 or above.  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1 and 2010 SEM-2

HMB171 FITNESS HEALTH AND WELLNESS
The dimensions and interrelationships of health, physical activity and wellness are studied. Basic principles of conditioning and exercise prescription necessary to...
demonstrate the impact of physical activity on lifestyle diseases, health behaviours and wellness are examined. Principles and theory of behaviour change are employed.

**HMB231 PHYSICAL EDUCATION CURRICULUM STUDIES 1**
This unit provides students with a range of understandings and competencies for interpreting and managing the physical education environment for teaching and learning. It assists students to develop competencies needed for lesson planning and teaching at all school levels.

**Prerequisites:** HMB171 and HMB315  
**Credit points:** 12  
**Contact hours:** 3-4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**HMB273 EXERCISE PHYSIOLOGY 1**
This unit describes the immediate physiological responses to exercise, and the adaptations that occur with long-term exercise training. Exercise places a demand on the human body to provide sufficient energy to perform. The metabolic, hormonal, cardiovascular and pulmonary systems must adapt to meet the challenge of homeostasis. The active skeletal muscle must increase extraction and utilisation of oxygen and other fuels, the cardiovascular system must respond to improved gas and fuel transport, and lung function must change to facilitate increased respiratory gas exchange.

NOTE for Summer Semester students: Teaching will not commence until January 2010, but some unit information will be available from 16 November 2009.

Students wishing to enrol up to the beginning of January will need to email enquirieshms@qut.edu.au  
**Prerequisites:** LSB231 or LSB142  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SUM-2, 2010 SEM-2 and 2010 SUM-1

**HMB278 BIOLOGICAL ASPECTS OF PHYSICAL EDUCATION**
This unit provides an opportunity for critical inquiry and analysis of human movement from a multidisciplinary perspective. The integration of the human movement principles of sub-disciplines (functional anatomy, biomechanics, motor control, sociology of sport and physical activity and development) are evaluated and applied to coaching of sport and teaching and learning in physical education.

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

**HMB292 HEALTH EDUCATION CURRICULUM STUDIES 1**
This is the initial unit in a series of three Health Education Curriculum units. Students are introduced to current health education curriculum documents with a specific focus on the Queensland Education System. The unit also provides students with a range of competencies for interpreting and managing the health education classroom as a complex social environment for teaching and learning.

**Assumed knowledge:** Completion of 24cp of Health Education units is assumed knowledge  
**Credit points:** 12  
**Contact hours:** 3  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**HMB305 PERSONAL HEALTH**
Lifestyle is largely determined by an individual functioning in a socio-environmental context that places some limitations on choice and resultant health. This unit is designed to assist individuals to develop a positive self-concept, a sound knowledge of lifestyle issues and their implications, and decision-making skills necessary to make wise choices.

The focus of this unit is the development of such qualities for personal maintenance and improvement. Movements in this direction are achieved by analysing the processes involved in developing individuals capable of taking control of their lifestyles and resultant health. Much of this analysis will be self-focused.

**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**HMB313 SOCIO-CULTURAL FOUNDATIONS OF PHYSICAL ACTIVITY**
This unit lays a foundation in the disciplines of the socio-cultural areas which underpin the study of human movement. It serves as an introduction to the historical, sociological, philosophical, anthropological and cultural foundations of sports, games and leisure activities.

**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**HMB314 PERFORMANCE SKILLS 1**
This unit involves the application of movement principles to the analysis and development of techniques in all major swimming strokes, water rescue methods, and track and field events. Students explore teaching strategies, motivational, conditioning and training activities, the development of learning experiences for various ability levels and event rules application.

**Credit points:** 12  
**Contact hours:** 6 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1
HMB315 PERFORMANCE SKILLS 2
In this unit various game forms are analysed in order to identify fundamental game skills and problem areas in skill development. Emphasis is placed on the application of relevant movement knowledge and skills to suit game situations and on learning appropriate strategies for teaching and coaching selected games.
Credit points: 12  Contact hours: 6 per week for 9 weeks  Campus: Kelvin Grove

HMB331 PHYSICAL EDUCATION CURRICULUM STUDIES 2
This unit extends the principles of professional practice established in the first curriculum studies unit and further encourages students to develop a critically reflective approach to teaching. Students learn how to extend professional practice with a range of understandings and competencies for interpreting and managing the health and physical education classroom as a complex environment for teaching and learning and develop competencies needed for planning and teaching a range of health and physical education units of work. Current health and physical education curriculum documents are explored.
Prerequisites: HMB231  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

HMB333 CHILD AND ADOLESCENT HEALTH
This unit focuses on the wide range of factors that impact on the health of individuals in the two crucial stages of life: childhood and adolescence. An analysis is made of knowledge, beliefs and skills required for promoting health-enhancing behaviours during these ages and experience is provided on some of the skills needed to assess and maintain the health status of children and adolescents.
Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

HMB337 ORGANISATION AND MANAGEMENT IN PHYSICAL EDUCATION AND SPORT
School physical education departments and sporting associations are medium-sized organisations requiring direction for servicing a large client base. In this unit students examine the role of administrators and the administration of monies, facilities and human resources in a school physical education and sports setting.
Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

HMB396 HEALTH EDUCATION CURRICULUM STUDIES 2
This is the second in a suite of three Health Education Curriculum units. It is designed to extend students with a range of understandings and competencies for interpreting and managing the health education classroom as a complex social environment for teaching and learning. It helps students to develop those competencies needed for planning and teaching health education units of work. It has an important role in preparing students for the professional practice component of the course, leading to the development of confidence and competence in class management skills, and facilitating the use of post-lesson and post-practicum reflection and evaluation.
Prerequisites: HMB292  Credit points: 12  Teaching period: 2010 SEM-2

HMB431 PHYSICAL EDUCATION CURRICULUM STUDIES 3
This unit develops students’ competencies in the effective planning and implementation of school work programs and units of work consistent with the Senior Physical Education Syllabus. It will also develop students’ skills and confidence in effective teaching practices specifically related to teaching physical education and will assist them to become independent and reflective learners.
Prerequisites: HMB331  Credit points: 12  Contact hours: 3  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

HMB496 HEALTH EDUCATION CURRICULUM STUDIES 3
This unit extends the principles of professional practice established in HMB292 and HMB396 and further encourages the development of a critically reflective approach to the teaching in that area. It emphasises planning and teaching in the senior secondary school and extends a student’s ability to make independent judgments about curriculum decisions within syllabus guidelines and broader systems policies, while considering national and international trends in education and society. The unit also encourages exploration of current issues and emerging and future trends in subject areas.
Prerequisites: HMB396  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

JSB171 JUSTICE AND SOCIETY
The Justice degree is about producing competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. The purpose of this unit is to introduce students to the structural parameters of social justice.
Equivalents: JSB131, JSB011, JSB101  Credit points: 12  Contact hours: 3  Campus: Gardens Point and External  Teaching period: 2010 SEM-1

JSB173 UNDERSTANDING THE CRIMINAL JUSTICE SYSTEM
The Justice Studies degree is about producing competent justice professionals. In order to achieve this purpose, this degree combines knowledge of the criminal justice system with an understanding and appreciation of the complexities of social justice. This unit provides a clear overview and critical examination of the Australian criminal justice system.

**Equivalents:** JSB135, JSB015, JSB202  
**Credit points:** 12  
**Contact hours:** 3  
**Campus:** Gardens Point and External  
**Teaching period:** 2010 SEM-2

**JSB175 SOCIAL ETHICS AND THE JUSTICE SYSTEM**

It is essential for those employed within the justice system to be able to competently and confidently work at the borders between ethics and the law. Ethical ability will enable practitioners to critically assess the moral status of current laws, to interpret acceptable standards of behaviour in situations not covered by the laws, and to develop shared understandings of moral responsibility in justice organizations and the wider community.

**Equivalents:** JSB134  
**Credit points:** 12  
**Contact hours:** 3  
**Campus:** Gardens Point and External  
**Teaching period:** 2010 SEM-1

**JSB176 CRIMINAL LAW IN CONTEXT**

Justice students work, or hope to work, as justice professionals in areas related to the Criminal Justice System or Human Rights. They need an understanding of fundamental principles of criminal law and of social justice issues related to criminal law. Laypeople may assume that the law is shaped by rational decisions aimed at reducing crime and punishing wrongdoing, when in fact a closer examination of the policy underpinnings, the substance of the law and the way in which it is applied demonstrates that such an analysis is overly simplistic. A deeper understanding of the forces that shape the law and the way the law's application can distort its policy objectives is essential to those who wish to contribute to more effective laws.

**Equivalents:** JSB242, JSB024, JSB204  
**Credit points:** 12  
**Contact hours:** 3  
**Campus:** Gardens Point and External  
**Teaching period:** 2010 SEM-2

**JSB272 THEORIES OF CRIME**

The main aim of this unit is to introduce the student to the study of theoretical criminology. This unit will address the social context of crime but is not exclusively sociological. The study of criminology is essentially multi-disciplinary and this is reflected in the diversity of theoretical approaches. Theory is typically offered as distinct from methods of research, however, together they provide the foundation for policy and practice. The unit provides an analytical framework in order to critically assess the epistemological claims and justifications found in criminological theory. Criminological theories are viewed embedded governmental practices aimed at ensuring the regulation and control of particular 'problem populations'.

**Antirequisites:** JSN113  
**Equivalents:** JSB231, JSB018  
**Credit points:** 12  
**Contact hours:** 3  
**Campus:** Gardens Point and External  
**Teaching period:** 2010 SEM-1

**KPB101 INTRODUCTION TO FILM, TV AND NEW MEDIA PRODUCTION**

This unit introduces the principles and technologies of video production for both cinema and television. This includes the roles and responsibilities of production teams, production management, design and practice. Lecture delivery by experts in the major production areas of producing, directing, and cinematography, editing and sound informs this practice. You work in groups to produce videos which form a major part of their assessment.

**Equivalents:** KPB150, KPB155  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove and Caboolture  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**KPB105 NARRATIVE PRODUCTION**

This unit builds on and advances basic understandings, skills and principles delivered in KPB101. An introduction to the skills of sound and lighting complements the earlier core skills of camera, editing, directing and production management. Assessment consists of the production of a short narrative video.

**Prerequisites:** KPB101 or KPB155 or KPB150  
**Equivalents:** KPB185, KPB260  
**Credit points:** 12  
**Contact hours:** Average of 4 per week  
**Campus:** Kelvin Grove and Caboolture  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**KPB109 FILM AND TV HISTORY**

Television and film are among the most influential forms of representation developed over the past century. An appreciation of the history and influence of narrative styles and industrial movements emphasizes the important changes in technology and aesthetics that have contributed to making these media potent cultural forces. The history of narrative and movements needs to be considered alongside the production and viewing of television and film as entertainment, information and art.

**Equivalents:** KPB102, KPB359  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**KPB110 THE MOVIE, TV & NEW MEDIA BUSINESS**

The movie, TV and new media businesses are key parts of the entertainment industry, which is one of the biggest in the world. For anyone interested in working in these media an understanding of how they function as businesses is vital. This unit provides an introduction to producing, writing and theoretical aspects of the movie, TV and new media businesses.
KPB112 TV AND FILM GENRES
Genre matters — for creators of genre films and television productions, for distributors, and for audiences. Film and television genres continue to evolve in response to entertainment and artistic imperatives in the contemporary new media environment. It is therefore important to consider similarities, differences, and connections between related genres on film and television, as well as those genres unique to television.

Equivalents: KPB103, KPB107, KPB372-2  Credit points: 12  Contact hours: 4 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

KPB113 TV AND FILM TEXT ANALYSIS
In an era when film and television texts are being transformed by digital media formats, media practioners (including creative artists, critics, and educators) value a media literacy based on critical and informed approaches to textual analysis. Taking into account the new media environment, selected techniques for undertaking textual analysis are applied to popular film and television such as blockbuster movies and cult television programs.

Equivalents: KPB108, KPB130  Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

KPB203 AUSTRALIAN FILM
This unit includes the following: study of New Wave Australian films within their cultural and institutional contexts; issues facing the film industry today; the filmic construction and circulation of cultural discourses such as national identity, nationalism, gender, ethnicity and class; the Australian landscape in film; experimental and Avant-Garde films; indigenous films; new technological and global challenges.

Equivalents: KPB343  Credit points: 12  Contact hours: 4 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

KPB205 DOCUMENTARY THEORY AND PRACTICE
The documentary filmmaking tradition has involved many crucial aesthetic, technical and ethical concerns throughout history. This unit introduces this significant tradition of documentary production. For KP25/KK34 (Film & Television) students, the unit is a preparation for the documentary practical production unit, through learning to assimilate the principles outlined in the unit into their own documentary screenplays. For non-KP25/KK34 (Film & Television) students, the unit provides an opportunity to address the theoretical underpinnings of the documentary form, and the processes of documentary production.

Equivalents: KPB358  Credit points: 12  Contact hours: 4 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

KPB206 INTERNATIONAL CINEMA
This unit examines a range of national cinemas from a global perspective. Key theoretical approaches to national/international cinemas are covered, along with significant historical, textual, representational and ideological issues. The critical challenges posed by productions from these different cultures to Hollywood mainstream productions are also explored.

Equivalents: KPB344  Credit points: 12  Contact hours: 5 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

KWB107 CREATIVE NON-FICTION
This unit covers the acquisition of practical and analytical skills in creative non-fiction writing in particular review writing on books, film, music, visual arts, fashion and food, as well as travel, scientific, essay, humorous and sports writing. The unit provides examples, techniques and practical exercises in non-fiction creative writing and editing, and the opportunity to develop individual work in the supportive context of in-class and small workshop groups. Potential publishing areas will be explored.

Equivalents: KWB381  Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1

KWB108 INTRODUCTION TO LITERARY STUDIES
"The 'textualisation' of the world has been an important development in twentieth century theory in the West," (Fuery:57). What are texts? What do they mean? This unit addresses these issues by providing you with an introduction to conceptual frameworks derived from some of the major critical discourses that have impacted on our world.

Equivalents: KWB001, KWB716  Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

KWB109 WRITING AUSTRALIA
This unit provides you with opportunities to read, explore, discuss and evaluate a number of Australian texts written and published over the last twenty-five years. Upon completing this unit, you are able to understand and critically interrogate texts pertinent to contemporary Australian society and culture.

Equivalents: KWB002, KWB710  Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

KWB206 YOUTH AND CHILDREN'S WRITING
This unit includes children's and adolescent novels within the cultural context of nineteenth and twentieth century Australia, England and America. It focuses on textual analysis of major generic types and considers issues such as race, gender, class and regionalism in fiction for young Australians.

Equivalents: KWB712    Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-2

KWB208 MODERN TIMES (LITERATURE AND CULTURE IN THE 20TH CENTURY)
The twentieth century is a time of significant developments and major transformations in writing and culture. This unit focuses on a number of twentieth century writers from Europe, England, Africa, Asia, Australia the Americas, from modern to postmodern times, and explores the connections between texts, language, culture and society.

Equivalents: KWB003, KWB321    Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-1

KWB209 SHAKESPEARE, THEN AND NOW
This unit is designed to introduce students to Shakespearean studies and the ongoing cultural importance of Shakespearean material.

Equivalents: KWB004, KWB729    Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-1

KWB308 WONDERLANDS: LITERATURE AND CULTURE IN THE 19TH CENTURY
This unit considers important contemporary cultural and social questions by way of readings in science fiction, fantasy fiction and fiction, class ideologies and revolutionary politics from a selection of novels and poetry of the nineteenth century. The novels and poems examine political and social change in Europe between 1790 and 1900, with a view to making critical links between current ideologies and literary forms and their formulation in a nineteenth century text. As such, works ranging from Frankenstein to Alice in Wonderland are deployed to consider the textual representations of important cultural, social, and sexual issues.

Assumed knowledge: KWB108, KWB207, KWB208 and KWB209 is assumed knowledge.    Equivalents: KWB005, KWB724    Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-1

KWB309 POPULAR FICCTIONS, POPULAR CULTURE
The unit is designed to provide you with skills in understanding popular culture/s. It addresses the production of popular culture via a range of texts and mediums, and provides you with a framework by you they can critique the operations of popular cultures.

Equivalents: KWB006, KWB725    Credit points: 12    Contact hours: 3 per week    Campus: Kelvin Grove    Teaching period: 2010 SEM-2

LQB383 MOLECULAR AND CELLULAR REGULATION
Molecular and Cellular Regulation is a second year unit and is a continuation and expansion of topics introduced in SCB112 Cellular Basis of Life and SCB122 Cell & Molecular Biology. Molecular and Cellular Regulation strengthens the focus on the molecular and genetic aspects of cellular processes and the consequences to the organism of failure of these basic processes. Topics taught relate to gene structure and regulation in prokaryotes and eukaryotes and the role of gene expression in the development of complex organisms. Related concepts such as cell signalling, communication, proliferation and survival are further developed in this unit.

Prerequisites: SCB122 or LSB238    Antirequisites: LSB468 and LSB338    Credit points: 12    Contact hours: 4 per week    Campus: Gardens Point    Teaching period: 2010 SEM-1

LQB388 MEDICAL PHYSIOLOGY 1
This unit deals specifically with the physiological systems that are responsible for the maintenance of health in humans. In the course of the semester students will investigate half the systems that constitute the human body (with the remainder dealt with in the second semester unit Physiology 2 [LQB488]). The unit offers a useful frame of reference for students enrolled in courses such as animal biology, biochemistry, microbiology, molecular biology, nutrition and human movements. Together with Physiology 2 [LQB488] this unit is a prerequisite to the third level unit, Applied Physiology [LQB588] and will be of particular interest to students considering medicine as a postgraduate career option.

Prerequisites: SCB120, LSB131, LSB142, LSB255, LSB258 or NRB270    Antirequisites: LSB358    Credit points: 12    Contact hours: 4 per week    Campus: Gardens Point    Teaching period: 2010 SEM-1

LQB483 MOLECULAR BIOLOGY TECHNIQUES
Molecular biology and recombinant DNA technologies have important roles in many areas within the life sciences, including medicine, agriculture, cell biology, environmental science and forensics. Through close alignment of theoretical concepts and practical skills, this lab-based unit expands on molecular themes introduced in earlier cell and molecular biology units to develop expertise in modern recombinant DNA techniques and an understanding of strategies used to identify and manipulate genes. The close relationship between theory and practice in this unit is designed to develop competence, independence and critical thinking that will provide students with a solid foundation for advanced molecular biology studies presented in several
third level units.

**Prerequisites:** LSB238 or SCB122  
**Antirequisites:** LSB468, LSN468, LSN483  
**Assumed knowledge:** LQB383 is recommended prior study  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

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**LSB142 HUMAN ANATOMY AND PHYSIOLOGY**  
The aim of this unit is to provide grounding in the principles of human anatomy and physiology. Following an introduction to the structure of the cell and the organisation of tissues, each of the major systems that constitute the human body are examined by the integrated study of their anatomy and physiology.  
**Antirequisites:** LSB131, LSB182, LSB258  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

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**MAB101 STATISTICAL DATA ANALYSIS 1**  
Experiments, observational studies, sampling, and polls; data and variables; framework for describing and manipulating probability; independence; Binomial and Normal distributions; population parameters and sample statistics; concepts of estimation and inference; standard error; confidence intervals for means and proportions; tests of hypotheses on means and proportions (one sample and two independent samples); inference using tables of counts; modelling relationships using regression analysis; model diagnosis; use of statistical software.  
**Antirequisites:** BSB123, EFB101, MAB141, MAN101  
**Assumed knowledge:** Grade of at least Sound Achievement in Senior Mathematics B (or equivalent) or MAB105 is assumed knowledge  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SUM-2, 2010 SEM-1 and 2010 SEM-2

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**MAB105 PREPARATORY MATHEMATICS**  
This unit is a substitute for Senior Mathematics B for those students who need the equivalent background for the successful study of units which assume it. It includes: basic number facts, natural numbers, integers, rational numbers, real numbers and their operations; basic algebra; functions and equations, graphs, linear functions, equations and applications; systems of linear equations; quadratic, exponential, logarithmic and trigonometric functions, properties and applications; introduction to calculus; rates of change, derivatives, rules of differentiation, second derivatives, maxima and minima and applications; integration and applications. This unit is incompatible with an exit assessment of High Achievement or better in Senior Mathematics B.  
**Assumed knowledge:** Year 10 Level 6 Mathematics is assumed knowledge  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

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**MAB120 ALGEBRA AND CALCULUS**  
This unit introduces and reviews the elementary concepts of function, calculus, matrices and vectors with special reference to applications in science, technology and business where appropriate. Topics covered include the algebra of complex numbers, elementary functions (polynomial, trigonometric, exponential and logarithmic) and their properties, differentiation and integration methods and principles, geometric and algebraic applications of vectors and the solution of linear systems using matrices.  
**Assumed knowledge:** Grade of at least Sound Achievement in Senior Mathematics B (or equivalent) or MAB105 is assumed knowledge  
**Equivalents:** MAB100, MAB125, MAB180  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

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**MAB121 CALCULUS AND DIFFERENTIAL EQUATIONS**  
This unit extends the areas of function and calculus introduced in MAB120 by introducing series representations for functions and more advanced methods of differentiation and integration for functions of one variable. A strong connection to real world problems is made by introducing the use of differential equations in modelling, and exploring appropriate methods of solution. Practical calculations of volumes and surface areas of solids of revolution extend your interpretations of the definite integral. Taylor and Fourier series are introduced as a means of approximating functions by sums of polynomials and periodic functions. Some more advanced methods for definite integrals, such as partial fraction decomposition, are also introduced.  
**Assumed knowledge:** Grade of at least Sound Achievement in Senior Mathematics C (or equivalent) or MAB125 or MAB180 or MAB120 is assumed knowledge  
**Equivalents:** MAB111, MAB126  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

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**MAB122 ALGEBRA AND ANALYTIC GEOMETRY**  
This unit extends your knowledge in the areas of functions, calculus, matrices and vectors introduced in MAB120 by introducing functions of more than one variable, partial derivatives and multiple integrals, vector valued functions, and matrix methods for the solution of large systems of linear equations.  
**Equivalents:** MAB112, MAB127, MAB132  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1, 2010 SEM-2 and 2010 SUM

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**MAB210 STATISTICAL MODELLING 1**
This unit includes: probability; independence; system reliability; using conditional probability in modelling; Bayes; introductory Markov chains; random variables and distributions; special distributional models; Bernoulli process; Poisson process; exponential; introductory queuing processes; expected values and moments; goodness-of-fit tests; measures of dependence; introductory bivariate and correlation properties; conditioning arguments.

**Assumed knowledge:** Grade of Sound Achievement in Senior Mathematics C (or equivalent) or MAB120 is assumed knowledge. Students are advised to enrol in either MAB121 or MAB122 in the same semester if not previously completed.

**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**MAB220 COMPUTATIONAL MATHEMATICS 1**

This unit includes: sources of error; computer arithmetic; solution of nonlinear equations in one variable; solution of systems of linear equations; interpolation; finite differences; numerical differentiation and integration; solution of first order linear differential equations; MATLAB programming.

Students without an exit level of Sound Achievement in four semesters of Senior Mathematics C need to be concurrently enrolled in MAB100 if not completed earlier.

**Assumed knowledge:** Grade of at least Sound Achievement in Senior Mathematics B (or equivalent) or MAB105 and corequisite MAB120 or MAB125 or MAB100 or MAB180 if you don’t have Senior Mathematics C is assumed knowledge. Credit points: 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

**MAB281 MATHEMATICS FOR COMPUTER GRAPHICS**

This unit introduces students to the mathematics involved in computer graphics, computer games and virtual reality. It is heavily reliant on analytic, Euclidean and projective geometries in 2D and 3D, elementary trigonometry, elementary linear algebra and elementary calculus. The unit will develop the mathematical concepts and where practicable show how these concepts are then applied in the field of computer graphics. Students must have completed four semesters of Senior Mathematics B with an exit level of Sound Achievement, or have passed MAB105 (or equivalent).

**Assumed knowledge:** Grade of at least Sound Achievement in Senior Mathematics B (or equivalent) or MAB105 is assumed knowledge. Credit points: 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**MAB311 ADVANCED CALCULUS**

This unit includes the following: polar coordinates; parametric equations; conic sections; quadric surfaces; vector-valued functions; Fourier series; functions of several variables; graphs; partial derivatives; total derivatives; extrema; Lagrange multipliers; Taylor series for multivariable functions; double and triple integrals; Green's theorems; line and surface integrals; divergence theorem; Stoke's theorem; applications.

**Prerequisites:** (MAB111 or MAB121) and (MAB112 or MAB122)  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**MAB312 LINEAR ALGEBRA**

This unit covers the following broad topics from linear algebra: matrix analysis; eigenvalues and eigenvectors; vector spaces; inner product spaces.

**Prerequisites:** (MAB111 or MAB121) and (MAB112 or MAB122)  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**MAB313 MATHEMATICS OF FINANCE**

This unit includes: interest rates; solution of problems in compound interest; applications of annuities; valuation of securities; quantitative techniques in business and finance. Students need to concurrently enrol in MAB111 unless already completed.

**Prerequisites:** MAB111 or MAB121  
**Antirequisites:** MAN313  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**MAB314 STATISTICAL MODELLING 2**

This unit includes: models for stochastic processes and statistical methods, which have applications in engineering, information technology, finance, and physical and life sciences. Markov chains; random walks; branching processes; queueing processes; long-term behaviour of processes; use of generating functions; bivariate and conditional distributions; transformations of random variables; beta and gamma distributions; mixture distributions; order statistics, minimum and maximum.

**Prerequisites:** MAB112 and MAB210  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**MAB315 OPERATIONS RESEARCH 2**

This unit introduces the essential features of operations research methods. It develops a number of basic mathematical techniques to solve generic problems and the theoretical foundations of these techniques. Students should develop the ability to apply various operations research methods, algorithms and techniques in the solution of practical problems. Students will also look at the applications of operations research techniques to real-world problems.

**Prerequisites:** MAB210 and (MAB112 or MAB122)  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1
MAB414 APPLIED STATISTICS 2
This unit includes: Simple linear regression (revision), multiple linear regression, making inferences from regressions, choosing a model, checking model assumptions, general linear models - analysis of covariance, ANOVA revisited, designing experiments, issues in designing experiments, analysing experimental results, further experimental designs, assumptions, and how to cope if they aren't met, simulations.
Prerequisites: MAB101 and MAB111  Assumed knowledge: MAB112 is recommended prior study  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

MAB422 MATHEMATICAL MODELLING
This unit includes models developed with the "real world" description. These models are taken from the areas of cancer research, population growth and engineering. Emphasis is on mathematical modelling and not on the development of new mathematical content.
Prerequisites: MAB121  Antirequisites: MAN422  Assumed knowledge: MAB220 is recommended for prior/concurrent study for exposure to MATLAB  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

MAB461 DISCRETE MATHEMATICS
This unit has three basic components. They are combinatorics, abstract algebra and number theory. Combinatorics, which is about 60% of the unit, will largely consist of enumeration techniques in variopis settings. Abstract algebra (~20%) will advance the student's knowledge of groups, rings and fields to include additive groups, multiplicative groups; polynomial rings, finite fields, isomorphisms, and homomorphisms. Number theory (~20%) will include methods of proof including induction and contradiction, modular arithmetic and congruence, gcd/lcm and theorems involving these, fundamental theorem of arithmetic, Fermat's theorems, Euler's theorem.
Prerequisites: MAB112 or MAB122  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

MDB010 BIOLOGY CURRICULUM STUDIES 2
This unit provides an opportunity to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment.
Prerequisites: MDB031  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

MDB013 CHEMISTRY CURRICULUM STUDIES 2
This unit encourages students to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students also develop a critically reflective orientation to their teaching experiences.
Prerequisites: MDB031  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

MDB015 COMPUTING CURRICULUM STUDIES 1
Computing is now an integral part of secondary education and information and communications technologies (ICTs) are used in all subject disciplines. This unit (the first of three computing curriculum studies units) introduces students to how ICT can be used to create meaningful learning experiences for students in teaching with, about and through computers.
Assumed knowledge: 24 credit points in Computing discipline studies is assumed knowledge.  Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove

MDB016 COMPUTING CURRICULUM STUDIES 2
Computing is now an integral part of secondary education and information and communications technologies are used in all subject disciplines. This unit builds on the understandings and skills development of the prerequisite and introduces students to the discrete syllabi that constitutes the senior secondary computing curriculum in Queensland secondary schools.
Prerequisites: MDB015  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

MDB017 COMPUTING CURRICULUM STUDIES 3
This unit builds on the previous two units and prepares students to teach the subjects within the senior secondary computing curriculum in Queensland secondary schools.
Prerequisites: MDB016  Credit points: 12  Campus: Internet and Kelvin Grove  Teaching period: 2010 SEM-1

MDB019 EARTH SCIENCE CURRICULUM STUDIES 2
This unit encourages students to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students develop a critically reflective orientation to their teaching experiences.
Prerequisites: MDB031  Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2

MDB021 MATHEMATICS CURRICULUM STUDIES 1
Teachers of middle and secondary school mathematics need a range of understandings and skills to be effective practitioners in the complex social and technological environment of the classroom. This unit introduces students to the teaching and learning of mathematics at the secondary school level. It begins development of students' knowledge and understanding of the secondary mathematics curriculum and their curriculum development skills. The unit is an important component of preparation for
Field Studies 1.

**Assumed knowledge:** 24 credit points in Mathematics discipline studies is assumed knowledge. **Credit points:** 12

**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

MDB022 MATHEMATICS CURRICULUM STUDIES 2

This unit develops students' understanding of the school mathematics curriculum and extends their knowledge and understanding of inclusive learner-focused approaches to mathematics curriculum development.

**Prerequisites:** MDB021  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

MDB023 MATHEMATICS CURRICULUM STUDIES 3

This unit extends students' knowledge and understanding of mathematics curriculum with an emphasis on catering for the range of students engaged in secondary education, inclusive practices and diagnosis of mathematical learning difficulties.

**Prerequisites:** MDB022 or MDB453 (can be enrolled in the same teaching period)  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

MDB025 PHYSICS CURRICULUM STUDIES 2

This unit provides an opportunity for students to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students develop a critically reflective orientation to their teaching experiences.

**Prerequisites:** MDB031  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

MDB028 SCIENCE CURRICULUM STUDIES 2

This unit encourages students to develop as a learner-centred teacher who can plan to meet the needs of individual students in a varied, stimulating and safe environment. Students develop a critically reflective orientation to their teaching experiences.

**Prerequisites:** MDB031  
**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

MDB031 SCIENCE EDUCATION CURRICULUM STUDIES 1

This unit is to provide you with opportunities to examine praxis in science classrooms in order to help you develop principles for the establishment and management of effective science learning environments.

**Assumed knowledge:** 24 credit points in discipline studies from any of the following is assumed knowledge: Biology, Chemistry, Earth Science, Physics, and Science Studies.

**Credit points:** 12  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

MDB033 SCIENCE EDUCATION CURRICULUM STUDIES 3

This unit is to provide opportunities for you to develop an understanding of the theoretical underpinnings of a selection of strategies and resources used in the teaching of science.

**Prerequisites:** MDB010 or MDB013 or MDB019 or MDB025 or MDB028  
**Credit points:** 12  
**Campus:** Internet and Kelvin Grove  
**Teaching period:** 2010 SEM-1

MDB321 INFORMATION SYSTEM MODELLING IN EDUCATIONAL CONTEXTS

This unit examines the modelling of information systems, relational systems, fact oriented approaches and conceptual schema design.

**Prerequisites:** MDB320  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

MDB345 SOFTWARE DEVELOPMENT FOR EDUCATIONAL CONTEXTS

Algorithmic thinking and its implementation form a major component within the Information Processing and Technology syllabus now implemented in secondary schools. Prospective teachers of these courses require a sound foundation in the design and development of software along with the use of modern abstract procedural, data and object handling representations. Software design and development are closely bound to particular problems contexts. This unit is based on the design of educational software because this area is relevant to the students concerned and because there is a clear demand for such software. Students employ a range of powerful programming techniques and structures in the development of educational computer software.

**Prerequisites:** MDB322  
**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

MDB349 EXCURSIONS IN MATHEMATICAL REASONING

This unit includes the following: the concept of thinking and intelligence; the nature of mathematical thinking during the first half of this century; modern ideas on the nature of mathematical thinking; the thinking skills movement and programs designed to foster thinking; analysis of children's thinking in solving mathematical problems; analysis of students' 'everyday cognition' together with their thinking in mathematical situations.

**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1 and 2010 SEM-2

MDB377 PROJECT PLAN AND IMPLEMENTATION FOR EDUCATIONAL PURPOSES
The study of computing and its application in educational and other environments is very much associated with planned and sequenced implementation of tasks. A study and understanding of how tasks might be represented, sequenced and implemented is essential if technology is to be used effectively in education. The use of project work as a pedagogical technique is a popular strategy to promote independent learning and student autonomy. This unit provides students with a framework to evaluate this methodology.

**Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1**

**MDB455 MATHEMATICS IN LIFE AND WORK**
You will explore mathematics in a range of life-related situations, including mathematics in history. As well as building your knowledge of the uses of mathematics in specific situations, the unit will assist you to deepen your understanding of the mathematics that underlies these situations.

**Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2**

**MDB388 NUMERACY IN GAMES OF SKILL AND CHANCE**
This unit considers the development of probabilistic ideas and concepts through the playing and analysis of games of change and skill.

**Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-1**

**MGB200 LEADING ORGANISATIONS**
This unit introduces you to a range of perspectives in understanding human behaviour and its context within organisation structures. The unit also enables you to interpret, analyse, evaluate and explain conditions and consequences of work in organisations with a view to understanding and appreciating complex management issues in day to day experiences in business.

**Prerequisites: BSB115 or CTB115  Antirequisites: MGB211, CTB211, MGB222, CTB232  Credit points: 12  Contact hours: 3  Campus: Gardens Point  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM**

**MDB391 EARTH AND SPACE**
This unit examines scientific concepts in important areas of space, time and motion, the origin and history of earth and its environments, and light and optics. Scientific principles and techniques for observing space and earth phenomena are investigated.

**Credit points: 12  Contact hours: 3 per week  Campus: Kelvin Grove  Teaching period: 2010 SEM-1**

**MGB201 CONTEMPORARY EMPLOYMENT RELATIONS**
This unit will develop your skills in understanding the effects of both domestic and international legal environments relating to employment relationships. This is important for developing practical, workable business strategies and HRM interventions.

**Prerequisites: BSB115 or CTB115  Credit points: 12  Contact hours: 3 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2**

**MGB211 LEADING ORGANISATIONS**
This unit introduces you to a range of perspectives in understanding human behaviour and its context within organisation structures. The unit also enables you to interpret, analyse, evaluate and explain conditions and consequences of work in organisations with a view to understanding and appreciating complex management issues in day to day experiences in business.

**Prerequisites: BSB115 or CTB115  Antirequisites: MGB211, CTB211, MGB222, CTB232  Credit points: 12  Contact hours: 3  Campus: Gardens Point  Teaching period: 2010 SEM-1, 2010 SEM-2 and 2010 SUM**

**MDB453 MATHEMATICS CURRICULUM 2: MIDDLE YEARS AND VOCATIONAL**
This unit assists students to develop a deeper understanding of mathematical content applicable to the middle school and the ways that the content may be integrated into other key learning areas.

**Prerequisites: MDB021 or MDB002 or EAB027  Credit points: 12  Campus: Internet, Kelvin Grove and External  Teaching period: 2010 SEM-2**

**NQB201 PLANET EARTH**
Earth Science impacts every aspect of modern life. Hence, the concepts of Earth Science are fundamental not only to the field of Geology, but also to Environmental Science, natural resource management, civil engineering and society at large. Planet Earth provides an introduction to Earth Science, including earth materials, geologic history, geological process at the Earth’s surface, and the complex interplay between the lithosphere, atmosphere, hydrosphere and biosphere through geologic time. Thus, Planet Earth is a foundation unit for further studies in Geology and Environmental Science and also serves as a broad introduction to the world we live on.

**Equivalents: NRB230  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2**

**MDB454 SCIENCE, TECHNOLOGY AND SOCIETY**
This unit investigates the interactions and effects that exist between modern science, technology and society both from a social and historical viewpoint. Advances such as the advent of the Internet, genetic modification and nanotechnology are discussed within a context of globalisation, global communications and social change. The unit also includes a study of the nature of science and technology and the nature of scientific knowledge. A major feature of the unit involves groups of students developing and delivering a ‘hypothetical’ on a contemporary science and technology issue affecting society.

**Credit points: 12  Campus: Kelvin Grove  Teaching period: 2010 SEM-2**

**NQB202 HISTORY OF LIFE ON EARTH**
This unit provides an introduction to the history and development of life on Earth with an emphasis on fundamental biological and ecological principles as they
have operated through geological time. The unit provides the student with an understanding of the processes of evolution, extinction and the changing environmental conditions through Earth's history. The unit provides the student with practical experience in fossil identification, classification and morphological interpretation. It provides the student with a "deep-time" perspective of climate and other environmental changes affecting modern ecosystems. Hence, History of Life on Earth is a foundation unit for the Earth and Environmental Sciences as well as Ecology, Biologi cal Sciences and Education.

**Prerequisites:** SCB110 or SCB112 **Equivalents:** NRB311 Credit points: 12 Contact hours: 4 per week Campus: Gardens Point Teaching period: 2010 SEM-1

**NQB322 INVERTEBRATE BIOLOGY**

Anyone pursuing a career as an ecologist, environmental biologist, or teacher needs to be familiar with invertebrates, including their diversity and how they function. Because approximately 90% of all invertebrates are arthropods, this unit focuses on this dominant phylum, which includes all the animals with jointed exoskeletons (the insects, prawns and crabs, spiders, millipedes and more). The aim is to provide you with an overview of arthropod diversity, structure and function, as a basis for exploring the role of arthropods in natural and human-modified systems.

**Prerequisites:** NRB370 Credit points: 12 Contact hours: 4 per week Campus: Gardens Point Teaching period: 2010 SEM-1

**NQB422 GENETICS AND EVOLUTION**

This unit provides a basic understanding of the mechanisms of inheritance using Mendelian Genetics as a foundation. These principles are extended to develop a clear understanding of the mechanisms and processes that drive evolution in natural populations. Topics include the physical basis of heredity, Mendelian and non-Mendelian inheritance patterns, genotype/environment interactions, quantitative traits, evolutionary theory, adaptation and natural selection, speciation and phylogeny, sexual selection and the evolution of life histories.

**Prerequisites:** SCB112 **Equivalents:** NRB410 Credit points: 12 Contact hours: 4 per week Campus: Gardens Point Teaching period: 2010 SEM-2
NQB423 VERTEBRATE BIOLOGY
Any graduate wishing to pursue a career in the biological or environmental sciences should be familiar with the evolution and ecology of vertebrates. Vertebrates are often considered key wildlife species and are often the focus of conservation efforts. However, we use vertebrates for food, recreation, work, and medical research, and they are also pests and vectors of disease. This unit will examine the evolutionary diversity of the major groups of both extinct and extant vertebrates, and apply concepts relating to their phylogeny, morphology, physiology and behaviour. Practicals will provide an opportunity to observe and understand form, function and diversity and to develop skills in identification of Australian vertebrates.
Prerequisites: SCB112  Equivalents: NRB470  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

PCB150 PHYSICS 1H
This unit introduces basic physical measurements, mechanics, heat, waves, acoustics and optics, and the instrumentation used to measure physical parameters.
Credit points: 12  Contact hours: 5 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

PQB250 MECHANICS AND ELECTROMAGNETISM
The experimental means by which we have arrived at our modern understanding of the universe is central to the scientific philosophy. Students of physics and physics related areas need to possess skills in quantitative handling, processing, communication and evaluation of data. Higher level studies in specialised areas of Physics require a familiarity with a range of fundamental topics in Physics and an ability to apply critical thinking and advanced mathematical techniques to the analysis and solution of Physical problems. This first-level unit lays the foundation for these higher level studies by introducing the fundamental topic areas of mechanics and electromagnetism.
Assumed knowledge: Senior Maths B is assumed knowledge.  Credit points: 12  Contact hours: 4.5 hours per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

PQB251 WAVES AND OPTICS
Wave phenomena are used to describe and explain many of the physical processes in the universe. Sound and light are the most commonly experienced of these and have far-reaching human applications, including their use as experimental tools for science. The study of wave phenomena has led to the development of quantum mechanics, a cornerstone of modern scientific thought. This first-level unit lays the foundation for discussion of wave phenomena in higher level studies, but will also be relevant to those not considering progressing to a Physics major but wishing to understand more of the Physical world in which we live.
Assumed knowledge: Senior Maths B is assumed knowledge.  Credit points: 12  Contact hours: 4.5 hours per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

PQB312 ANALYTICAL CHEMISTRY FOR SCIENTISTS AND TECHNOLOGISTS
Reliable chemical analysis and testing is fundamental to the functioning of our society. This generic unit is designed for future scientists and technologists in the fields of chemistry, forensic science and other similar sciences. It introduces students to concepts of quality assurance, good laboratory practice and the vital instrumental areas of analysis—chromatography and spectroscopy. Laboratory work is a key extensive activity in this unit.
Prerequisites: SCB131  Equivalents: PCB414  Credit points: 12  Contact hours: 4.5 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

PQB313 ANALYTICAL CHEMISTRY FOR INDUSTRY
A modern chemist working in industry requires a thorough understanding of the fundamentals of analytical chemistry on which applications in sophisticated, state-of-the-art instrumental methods are based. This unit provides students with a grounding in the classical qualitative and quantitative gravimetric and wet analysis, together with common spectrophotometric and electrochemical methods of analysis. Through the practical program in this unit, students will be able to learn the connections between the theoretical aspects of analytical chemistry and the work in the laboratory. The chemistry behind some applications of these methods is also discussed, eg water, fertilisers, foods, minerals, metals, etc.
Prerequisites: SCB131  Equivalents: PCB314  Credit points: 12  Contact hours: 4.5 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

PQB331 STRUCTURE AND BONDING
This unit provides detailed coverage of the theories of bonding in organic, inorganic and coordination compounds including orbital hybridisation valence bond theory, coordination theory and crystal field theory. The cause and effect relationships between bonding and structure are developed leading to an understanding of structural variability, chirality, and other modes of isomerism for a broad range of chemical compounds. An introduction to molecular symmetry, which is central to the study of molecular geometry and shape, also provides the background for later studies in spectroscopy. Lectures are complemented by 7 laboratory experiments and 4 hands-on style workshops.
**PQB360 GLOBAL ENERGY BALANCE AND CLIMATE CHANGE**

Modern societies are becoming increasingly aware of potential environmental problems associated with conventional energy production technologies. Application of alternative technologies is therefore increasing, with ambitious targets and plans to support research and development for reducing energy related environmental consequences. This unit is designed to offer science and engineering students an opportunity to gain awareness about the expanding field of alternative energy technologies and to understand relationships between use of energy and its impact on local and global environment.

**Prerequisites:** MAB111 or MAB131  
**Equivalents:**  
PCB563  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-1

**PQB451 ELECTRONICS AND INSTRUMENTATION**

Instrumentation plays an increasingly important role in the life of a scientist. This unit is designed to give the student a working knowledge in instrumentations and the principles of circuit theory and electronics that underlie instrumentation. It is offered at this stage of the program since it relies on work developed in the earlier advanced-level units and provides a basis for experimental work in later units.

**Prerequisites:** PCB250 or PCB250  
**Antirequisites:** PCB361, PCB460  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**PQB460 ASTROPHYSICS 1**

This second level unit is one of the key units in the astrophysics co-major and introduces students to most of the main aspects of astrophysics. This unit is essential as it defines the connections between the supporting units of the co-major. Students are required to use the knowledge and skills developed in first level physics, maths and natural resource units.

**Prerequisites:** PCB136 or PCB250 or SCB123  
**Equivalents:** PCB469  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Gardens Point  
**Teaching period:** 2010 SEM-2

**PUB105 FAMILY INFLUENCES ON HEALTH AND DEVELOPMENT**

This unit explores the diversity of Australian families to provide an understanding of the social structures that impact on families and the ways in which families influence the health, development and well-being of family members across the life course.

**Prerequisites:** SCB121 and SCB131  
**Antirequisites:** PCB334, PCB354  
**Credit points:** 12  
**Contact hours:** 4.5 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**PUB113 DESIGN AND TECHNOLOGY**

Technology and design are an integral part of the practice of home economics, facilitating effective responses to challenges in the contexts of food, locales and living environments. Personal understanding of and experience with design, creativity, research and innovation are needed to participate productively and sensitively within local and global communities.

**Prerequisites:**  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-1

**PUB201 FOOD AND NUTRITION**

This unit includes the following: an introduction to the history of food and nutrition in Australia; the food system; the food supply; proteins, carbohydrates, fats, vitamins and minerals; food grouping systems; dietary guidelines; the recommended dietary intakes; nutrition through the life cycle; food and nutrition problems; nutrition as a public health issue; and international nutrition issues.

**Prerequisites:**  
**Credit points:** 12  
**Contact hours:** 4 per week  
**Campus:** Kelvin Grove and External  
**Teaching period:** 2010 SEM-2

**PUB209 HEALTH, CULTURE AND SOCIETY**

This unit is concerned with the social and cultural dimensions of health and illness and how they relate to health status and patterns of behaviour. The unit introduces students to thinking about health from sociological and anthropological perspectives, drawing on relevant concepts and theory to examine selected public health issues. Identifying and addressing social and cultural factors that shape people's health experiences of health, illness and health systems are integral parts of public health practice in terms of reducing health inequalities, delivering appropriate services, and ultimately improving population health outcomes.

**Credit points:** 12  
**Contact hours:** 3 per week  
**Campus:** Kelvin Grove  
**Teaching period:** 2010 SEM-2

**PUB251 CONTEMPORARY PUBLIC HEALTH**

This unit provides an introduction to the following: the philosophy and approach of public health; the traditional public health process; the multidisciplinary nature of public health; and health policy and its impact on public health. Recent reformulations of traditional public health approaches including health promotion, intersectoral action for health and healthy public policy are examined. The role of public health in Australia and overseas, its main discipline components and some of the constraints faced by public health is also addressed. This unit considers groups with special needs and contemporary issues.

**Antirequisites:**  
**Credit points:** 12  
**Contact hours:** 4 per week (KG and Ext Sem 1; KG Sem 2)
PUB321 TEXTILE STUDIES
In this unit scientific understandings, social issues, production techniques and the aesthetic aspects of textiles are explored. These are applied to individual textile projects.
Credit points: 12  
Contact hours: 5 per week  
Campus: Kelvin Grove  
Teaching period: 2010 SEM-2

PUB332 SUSTAINABLE ENVIRONMENTS FOR HEALTH
Antirequisites: PUB107  
Credit points: 12  
Teaching period: 2010 SEM-1

PUB343 HOME ECONOMICS CURRICULUM STUDIES 1
This unit explores the nature of home economics, its contribution to the broader goals of schooling and the unique features that characterise home economics teaching and learning. It links discipline studies, curriculum studies and field experiences.
Assumed knowledge: 24 credit points in Home Economics discipline studies is assumed knowledge.  
Credit points: 12  
Contact hours: 3 per week  
Campus: Kelvin Grove  
Teaching period: 2010 SEM-1

PUB355 HOSPITALITY STUDIES
This unit explores the use of relevant management principles, safe and hygienic work practices, effective communication skills, the mastery of techniques in food production and presentation associated with vocational education and industry.
Credit points: 12  
Contact hours: 4 per week  
Campus: Kelvin Grove  
Teaching period: 2010 SEM-2

PUB361 TEXTILES 2
An understanding of textile consumer issues is developed by studying theoretical and scientific explorations, production practices and creative processes in relation to critiquing and designing textile articles.
Prerequisites: PUB321  
Credit points: 12  
Contact hours: 5 per week  
Campus: Kelvin Grove  
Teaching period: 2010 SEM-1

PUB474 FOOD SCIENCE
To fulfil their needs as future professionals working in food and nutrition related areas, students explore the nature of foods and their constituents, studying the underlying scientific principles related to the manufacture, preservation, distribution and the final production of food items for consumption. This unit is available ONLY in courses where it is listed as a core unit.
Prerequisites: PUB201  
Credit points: 12  
Contact hours: 5 per week  
Campus: Kelvin Grove  
Teaching period: 2010 SEM-1

PUB530 HEALTH EDUCATION AND BEHAVIOUR CHANGE
Antirequisites: PUB329, PUB341  
Credit points: 12  
Teaching period: 2010 SEM-1

PUB557 HEALTH NEEDS OF INDIGENOUS AUSTRALIANS AND OTHER POPULATIONS
The unit examines the health needs of a range of population groups, particularly the health needs of indigenous Australians. Health is viewed in its social and economic context. The unit allows a recognition and focus on particular health concerns that might not be considered significant in an examination of broad patterns of health. It forces a consideration of how strategies to improve health, including important questions of access and equity. The unit provides an overall picture of health patterns of indigenous Australians and other specific populations.
Prerequisites: PUB251  
Credit points: 12  
Contact hours: 3 per week  
Campus: Kelvin Grove  
Teaching period: 2010 SEM-1

PUB643 HOME ECONOMICS CURRICULUM STUDIES 2
This unit is the second in a suite of three curriculum units studied concurrently with Teaching and Learning Studies 3 and Field Studies 2. The unit provides students with opportunities to develop knowledge and skills pertinent to the professional educator, including the ability to critique current paradigms. Learning experiences are organised to build deeper understanding of outcomes based syllabuses. This knowledge is applied to the design and management of learning environments and practices that engage learners. The importance of self regulatory practice is emphasised.
Prerequisites: PUB343  
Credit points: 12  
Contact hours: 3  
Campus: Kelvin Grove  
Teaching period: 2010 SEM-2

PUB743 HOME ECONOMICS CURRICULUM STUDIES 3
Prerequisites: PUB643  
Credit points: 12  
Teaching period: 2010 SEM-1

SCB110 SCIENCE CONCEPTS AND GLOBAL SYSTEMS
You will undertake interdisciplinary study of the physical, geological and biological concepts relating to the origins of life; from the creation of matter and planets, to the emergence of life in all its complexity, culminating in evolution of earth ecosystems. Human influences, overlaid upon earth’s complex systems, will be examined as to their type, extent, and impact. In counterpoint, you will explore the breadth of philosophical developments underlying our search for knowledge; fundamental thoughts and ideas that span the last 2,500 years of human history. Ultimately, these concepts evolved through the development of a scientific method and we explore its workings in relation to the ongoing enterprise of
human understanding.
Credit points: 12  Contact hours: 4.5 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1

SCB111 CHEMISTRY 1
This unit covers the fundamentals of general and physical chemistry. Topics include atomic and molecular structure, introduction to chemical bonding, reaction stoichiometry, thermochemistry, gas phase chemistry, reaction kinetics, equilibrium, acids, bases, buffers, oxidation, reduction and electrochemistry. The practical program involves experiments illustrating a range of chemical reaction types including precipitation reactions, acid-base chemistry and redox chemistry using analytical experimental methods. A comprehensive tutorial program (CHELP) complements the lectures and is designed to assist students to develop the problem solving skills required for further study in chemistry and related sciences.
Antirequisites: SCB113  Credit points: 12  Contact hours: 4.5 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

SCB112 CELLULAR BASIS OF LIFE
A study of life processes in all five groups of living organisms (bacteria, protists, fungi, plants and animals). Traditional topics in biology are integrated with recent research advances in molecular and cellular biology to provide a comprehensive foundation for later units in the medical, biotechnological and ecological sciences. The unit begins by constructing cells from the four quantitatively important groups of biological molecules (proteins, lipids, carbohydrates and nucleic acids). Molecular and evolutionary aspects of genetics are then introduced, with the great diversity of reproductive strategies found among organisms being emphasised. Finally, bioenergetics (photosynthesis and respiration) and its relevance to environmental issues is outlined.
Antirequisites: LSB118  Credit points: 12  Contact hours: 4 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

SCB120 PLANT AND ANIMAL PHYSIOLOGY
Regardless of which area of biology you decide to specialise in, you will need to understand the complex interactions between cells, tissues, organs and organ systems that comprise multi-cellular organisms. Although many living processes can be explained at the levels of biochemistry, biophysics and cell biology, a true understanding of complex, multicellular organisms requires integration of knowledge drawn from all of these areas, combined with the more complex physiological and structural levels you will learn about in this unit. The knowledge gained in this and other first level units provides you with the conceptual framework necessary to understand processes occurring from the cellular to the whole organism level and to higher levels of organisation.
Prerequisites: SCB112  Equivalents: NRB270  Credit points: 12  Contact hours: 4.5 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

SCB121 CHEMISTRY 2
Chemistry is the central science. This is a unit of fundamental importance as it covers the background and general principles that underpin understanding in many Science and Health related disciplines, particularly in regards to the chemistry of life. In this unit students will be introduced to fundamental aspects of chemistry including the electronic structure of atoms, chemical bonding and molecular structure. From this basis students will develop an understanding of the fundamentals of organic chemistry including chirality, functional groups and organic reactions which will lead to important bio-inorganic molecules and coordination complexes.
Prerequisites: (SCB111 or PCB142) . SCB111 can be studied in the same teaching period  Antirequisites: SCB113  Credit points: 12  Contact hours: 4.5 per week  Campus: Gardens Point  Teaching period: 2010 SEM-1 and 2010 SEM-2

SCB122 CELL AND MOLECULAR BIOLOGY
SCB122 Cell and Molecular Biology 1 equips students with a comprehensive understanding the molecular basis of the cell. This unit expands on the basic principles and concepts relating to cell structure, function, perpetuation and organisation of the cell. Students will be shown how macromolecular interactions are crucial to information flow and heredity. Students are taught the relationships between chromosomes, genes and cellular function and ultimately how these may determine an organism's phenotype. This unit underpins cell biology and molecular biology units that are offered in second year Life Science units. SCB122 is also ideal for interfaculty students (eg Education, Business, Arts) who will undertake no further life science studies.
Prerequisites: SCB112  Antirequisites: LSB238  Credit points: 12  Contact hours: 4.5 per week  Campus: Gardens Point  Teaching period: 2010 SEM-2

SCB131 EXPERIMENTAL CHEMISTRY
A study of chemistry and related disciplines such as medical science, biochemistry, molecular biology and pharmacy requires the development of practical laboratory skills used in synthesis and chemical analysis. This unit is a laboratory-based unit which is designed for students who intend to continue with experimental science units. The lectures complement the weekly practical sessions and teach the theory required to interpret experimental results.
Prerequisites: SCB111 or SCB113  Corequisites: SCB121 unless SCB113 has been successfully completed
Credit points: 12   Campus: Gardens Point   Teaching period: 2010 SEM-2

SPB004 TEACHING STUDENTS WITH LEARNING DIFFICULTIES
This unit integrates a basic understanding and application of learning theory as it applies to exceptional populations. It focuses on approaches to teaching particular exceptional groups and provides an opportunity for development of specialist skills and resources in one of the following areas: (a) students with learning difficulties; (b) gifted students; (c) students with low incidence disabilities, for example hearing impaired, visually impaired or physically handicapped; (d) behaviourally or emotionally disturbed students.

Credit points: 12   Contact hours: 3 per week   Campus: Kelvin Grove and External   Teaching period: 2010 SEM-1 and 2010 SEM-2

SPB006 EDUCATIONAL COUNSELLING
This unit includes the following: the nature of counselling/helping in educational contexts; the educator as counsellor; characteristics of effective helpers; practical development of communications skills; building an empathic relationship; structuring the counselling process; application of some counselling theories to the educational contexts; practical sessions using educationally based role plays to demonstrate effective use of the skills learned. The unit includes a compulsory study school for external students. It is incompatible with studies in Counselling or equivalent at Diploma of Teaching level.

Antirequisites: SPN651   Credit points: 12   Contact hours: 3 per week   Campus: Kelvin Grove   Teaching period: 2010 SEM-1 and 2010 SEM-2

SPB012 CLASSROOM AND BEHAVIOUR MANAGEMENT
This unit integrates concepts of behaviour development, management and discipline within a defensible pattern of classroom management and appropriate curricula processes.

Credit points: 12   Campus: Internet, Kelvin Grove, External and Caboolture   Teaching period: 2010 SEM-1, 2010 6TP4, 2010 SEM-2 and 2010 SUM

SPB018 TEACHING STRATEGIES
This unit includes: evaluation of the students’ teaching strategies; the literature on teaching strategies; critical evaluation of strategies/models of teaching available.

Credit points: 12   Contact hours: 3 per week   Campus: Kelvin Grove   Teaching period: 2010 SEM-1

SPB020 CLASSROOM ASSESSMENT PRACTICES
This unit includes: examination of the nature and purpose of assessment; traditional and contemporary developments in the assessment of students in a range of settings; test construction and validation; record keeping and reporting, with emphasis on practical applications by practising teachers.

Credit points: 12   Contact hours: 3 per week   Campus: Internet, External and Caboolture   Teaching period: 2010 SEM-1, 2010 6TP4 and 2010 SEM-2