

Undergraduate Subject Synopses

Subject codes at Avondale College indicate the Discipline Area and the Level of the subject. The first two letters indicate the discipline area (eg, ED indicates subjects in Education).

Code	Discipline
AC	Accounting
BI	Biology
BL	Biblical Languages
BS	Biblical Studies
CC	Communication
CE	Early Childhood Education—Curriculum
CH	Chemistry
CM	Church Ministry
CO	Computing—Information Technology
CP	Primary Education—Curriculum
CR	Christian Studies
CY	Church History
CZ	Secondary Education—Curriculum
DT	Design Technology
DV	Development
EC	Economics
ED	Education
EN	English
EP	Early Childhood Education—Practicum
FN	Business Finance
GE	Geography—Human
GP	Geography—Physical
HI	History
HP	Human Performance
HU	Humanities
LA	Law
MA	Mathematics
MK	Marketing
MS	Music
MT	Management
NR	Nursing
NT	New Testament
OT	Old Testament
PH	Physics
PP	Primary Education—Practicum
PS	Psychology and Sociology
RN	Religion—Independent Study
SC	Health Science
SP	Secondary Education—Practicum
TH	Theology
VC	Visual Communication
VE	Volunteer Experience

The first digit indicates the Level, for example:

- 0 indicates Pre-degree
- 1 indicates 100-level in an undergraduate degree
- 2 indicates 200-level in an undergraduate degree
- 3 indicates 300-level in an undergraduate degree
- 4 indicates Honours Level in an undergraduate degree, or a graduate entry course
- 5 indicates a coursework masters degree
- 6 indicates a research masters degree

The final two digits indicate the number of the subject in the course sequence.

AC160.1 Introduction to Accounting A **6 cr pts**
 Students are introduced to the basic principles and procedures of double entry accounting in the context of the historical cost model. The course covers the accounting cycle, including source documents, journals, ledgers, adjustments to produce financial statements for external reporting and other relevant financial information for the unincorporated business. The subject explores the various assumptions made in the measurement of performance, the valuation of assets and the design and operation of information systems.

AC162.2 Introduction to Accounting B **6 cr pts**
 This subject extends the students' understanding of the broad accounting framework. Attention is given to the structure of organisations and the fundamentals of management, accounting and finance. An essential part of the course is devoted to an understanding and analysis of accounting reports.

Prerequisite

AC160 Introduction to Accounting A

AC222.1 Accounting History and Theory **6 cr pts**
 The major theories of accounting and their potential application in practice are introduced in this subject. It addresses the problem of formulating an accounting theory and presents the principal approaches. It also examines the various factors that contribute to the formulation of a theory, history and development of the discipline; the various accounting research paradigms, and the regulatory framework.

Prerequisite

AC160 Introduction to Accounting A

AC260.2 Corporate Accounting **6 cr pts**
 A study of financial accounting and reporting for individual corporations and corporate group structures. It extends areas such as company formation, operation, taxation, liquidation, and acquisitions. It progresses to the preparation of published financial statements which adequately disclose the results and position of the corporate investment structure. Content includes consolidated group accounts, accounting for investments in associates and disclosure requirements.

Prerequisite

AC162 Introduction to Accounting B

AC262.1 Management Accounting A **6 cr pts**
 The basic principles and procedures of management and cost accounting are presented within the framework of management's need for three different types of information:

- 1 Product costing for inventory valuation and profit

- measurement
- 2 Differential costs for decision making
 - 3 Cost data for performance evaluation.

Prerequisite

AC160 Introduction to Accounting A

AC263.2 Management Accounting B 6 cr pts

This subject is designed to give students understanding in cost measurement, and reporting to management at various levels in organisations for manufacturing and service industries. The course covers the problems of cost accumulation, allocation, and processing for joint production, pricing, and divisional performance, planning, control and evaluation.

Prerequisite

AC262 Management Accounting A

AC282/284/286.1/2 Internship in Accounting 2,4 or 6 cr pts

This internship is designed for students to gain an understanding of how to function in the workplace. Students work for a minimum of 50 hours per two academic credits in a professional workplace related to their field of study. On concluding the work-placement, students complete a written report on their experience from 1,000 (2 cr pts); 2,000 (4 cr pts) or 3,000 (6 cr pts) words.

AC315.1 Contemporary Accounting Issues 6 cr pts

An analysis of current issues in financial accounting and external reporting. Broad issues are covered such as methods of solving accounting issues; the definition, recognition, measurement and matching of issues in financial accounting and reporting; external reporting and disclosure issues; regulatory issues and ethics.

Prerequisite

AC260 Corporate Accounting

AC316.2 Business Systems Applications 6 cr pts

This subject investigates methods of utilising the computer to perform accounting and other business functions. The accounting functions are addressed using the *Premier MYOB* accounting package. Management decision-making is addressed using the advanced functions of Microsoft *Excel*, including Macros, What-if-analysis, Goal seeker, Solver and Pivot Tables. Students are challenged to analyse the potential of using the computer in a systems approach developing new and innovative solutions to business problems.

Prerequisite

AC260 Corporate Accounting

AC334.2 Auditing and Assurance Services 6 cr pts

A study of the major principles and procedures of auditing viewed from the systems perspective. It includes the legal and professional responsibilities of both the internal and external auditors. Study also will be devoted to auditing in an EDP environment.

Prerequisite

AC260 Corporate Accounting

AC342.2 Australian Tax Law and Practice 6 cr pts

A study of the law and practice underpinning the Australian Federal Taxation System. Content includes the history and role of taxation in Australia, tax administration, concepts of income, allowable deductions, fringe benefits tax, capital gains tax and retiring allowances, rebates; taxation and the individual, and tax accounting.

Prerequisite

AC260 Corporate Accounting

AC352.1/2 Accounting Project 6 cr pts

Each student is to develop a research proposal with an organisation of his/her choice, gather and analyse data, and present the results in the form of a written report (3,000–4,000 words).

BI160.1 Biology I 6 cr pts

An introductory subject in general biology covering the cell and cell division, a survey of the diversity of life, vascular plant anatomy and physiology, Mendelian genetics and evolution.

Prerequisite

Year 12 Biology or equivalent strongly recommended

BI161.2 Comparative Functional Biology 6 cr pts

Basic comparative animal anatomy and physiology covering major systems in invertebrates and vertebrates. Various animal phyla and classes are compared to demonstrate the relationship between anatomy (form) and physiology (function) and an organism's mode of life.

Prerequisite

Year 12 Biology or equivalent strongly recommended

BI260.2 General Human Physiology 6 cr pts

This subject develops core concepts related to cell physiology and the functional control mechanisms related to each body system including nervous, musculoskeletal, cardiovascular, lymphatic, respiratory, renal, digestive, reproductive and endocrine systems.

Prerequisite

SC162 Anatomy and Physiology or

BI160 Biology I

BI261.1 Biochemistry 6 cr pts

An introduction to the fundamentals of biochemistry. The student will be introduced to the fundamental classes of biochemical compounds and how such compounds contribute to cellular structure, energy generation and the storage and transmission of genetic information.

Prerequisites

BI160 Biology I

BI161 Comparative Functional Biology,

CH160 Chemistry IA *and*CH161 Chemistry IB *or*

CH163 General Chemistry

BI262.1 Ecology 6 cr pts

This subject provides an introduction to ecology focusing on the interaction of organisms with their

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biotic and abiotic environment. The understanding of populations, communities, ecosystems, life history strategies, biogeography and conservation is given special consideration. Particular emphasis is given to aquatic ecosystems. Scientific communication and writing skills are developed in an ecological context. Statistical techniques used in ecological studies are also explored.

Prerequisite

BI160 Biology I

BI263.2 Mammalogy **6 cr pts**

Mammalogy provides foundational knowledge of taxonomy, reproduction, ecology, behaviour, social structure and conservation in a mammalian context. Emphasis is placed on Australian mammals, especially marsupials. The subject engages students in relevant fieldwork, laboratory sessions and scientific research techniques to prepare participants for employment in private or public organisations or to undertake further study at a postgraduate level.

Prerequisites

BI160 Biology I

BI161 Comparative Functional Biology

BI264.1 General Microbiology **6 cr pts**

This subject introduces the student to the study of microorganisms. Attention is given to the history, scope and application of microbiology. The significant features of the microbial world, including the growth, cultivation, and control of microorganisms will be examined. The immunological response of the host to microorganisms is investigated. The role of microorganisms in the food industry and biotechnological applications of microorganisms in industry are explored.

Prerequisites

BI160 Biology I

BI161 Comparative Functional Biology

BI265.2 Pathological Processes **6 cr pts**

Odd years

A study of the pathophysiology, biochemistry and histopathology associated with altered states of health. Due to the diversity of disease states, topics will be selected that allow the clear demonstration of the effect of altered biochemistry and physiology on the body. Lifestyle contributions to common western disease processes will also be examined.

Prerequisites

BI261 Biochemistry

BI264 General Microbiology

BI266.2 Ecophysiology of Animals **6 cr pts**

Even years

This subject examines the physiological adaptations of animals to the environment in which they live. It looks at the 'how' and 'why' questions of comparative animal physiology. Special emphasis is given to the mechanisms by which animals adjust to the adversities of extreme environments.

Prerequisites

BI160 Biology I or

BI262 Ecology

BI267.2 Histotechniques **6 cr pts**

Odd years

A study of histopathology techniques including paraffin section processing and staining, cell chemistry, fixation and staining theory, frozen sections and special stains, all within a clinical framework and in the context of cellular structure and function.

Prerequisites

BI160 Biology I or

BI161 Comparative Functional Biology

BI268.2 Clinical Biochemistry **6 cr pts**

Even years

A study of Clinical Biochemistry, ranging from introductory concepts (eg spectrophotometry, instrumentation, SI units) to significant coverage of liver function, renal function, carbohydrates, lipids, plasma proteins, non-protein nitrogen, and enzymology, from a clinical and laboratory perspective. Practical sessions will concentrate on familiarisation with laboratory practice and the case study approach.

Prerequisite

BI261 Biochemistry

BI360.2 Investigative Biochemistry **6 cr pts**

Odd years

A Problem-Based Learning approach to the study of the origin of cellular life on earth and the development of associated biochemical systems. An investigation of the current theories used to explain the development of life on earth. An investigation of the Intelligent Design argument as it relates to cellular biochemistry and molecular biology.

Prerequisite

BI261 Biochemistry

BI362.2 Plant Biology **6 cr pts**

Odd years

The subject has two strands:

- 1 The taxonomy of Angiosperms, with particular reference to the Australian flora
- 2 Ecological plant physiology: the physiological basis for the interaction of the plant with its environment.

Prerequisite

BI262 Ecology

BI363.2 Mammalian Studies **6 cr pts**

Mammalogy provides foundational knowledge of taxonomy, reproduction, ecology, behaviour, social structure and conservation in a mammalian context. Emphasis is placed on Australian mammals, especially marsupials. The subject engages students in relevant fieldwork, laboratory sessions and scientific research techniques to prepare participants for employment in private or public organisations or to

undertake further study at postgraduate level.

Prerequisites

BI160 Biology I

BI161 Comparative Functional Biology

BI364.1 Advanced Human Physiology 6 cr pts

The physiology of the cardiovascular and respiratory systems. The blood, lymph, tissue fluids, their physico-neuroendocrine control mechanisms including an introduction to related disorders.

Prerequisite

BI260 General Human Physiology

BI365.2 Molecular Biology 6 cr pts

Even years

A study in major aspects of molecular biology with emphasis on the latest developments in recombinant DNA technology. Gene organisation and control are explored. Loss of control is also considered with specific reference to the molecular biology of cancer.

Prerequisite

BI261 Biochemistry

BI367.2 Applied Ecology 6 cr pts

Even years

This subject examines the application of ecological principles to biological conservation and to the management of aquatic ecosystems.

Prerequisite

BI262 Ecology

BI368.1 Marine Biology 6 cr pts

Odd years

This subject provides a detailed coverage of the physical, chemical and biological processes in Australian marine waters. Emphasis is given to ecosystem structure and function. In addition, human influences on the marine environment are outlined including pollution, fisheries and aquaculture.

Prerequisite

BI262 Ecology

BI370.2 Food Microbiology 6 cr pts

Offered, subject to staffing constraints

A study into the major aspects of food microbiology. Microbial contributions to food processing and the role played by microorganisms will be explored. The processes of food poisoning and food spoilage will also be examined

Prerequisites

BI261 Biochemistry

BI264 General Microbiology

BI390.1/2 Seminar in Biology 6 cr pts

Offered, subject to staffing and timetable constraints

This subject is designed to give the student the opportunity to research an area of biology in depth under the supervision of a staff member of the Faculty of Science and Mathematics.

The student should recognise that he/she will need to be self-motivated, organised and willing to research into topics under his/her own initiative. Whilst adequate staff supervision and guidance will be important to student success, the student will need to take responsibility for the development and completion of the task within the time frame allocated. Independent work is encouraged, but regular liaison with the supervisor(s) for guidance and for updates on progress is also required. The topic for investigation will be selected in consultation with the supervising lecturer.

Prerequisite

Satisfactory completion of at least three 200- or 300-level Biology subjects

BL160.1 New Testament Greek IA 6 cr pts

BL165.1/2 New Testament Greek 1A—Distance Education 6 cr pts

This subject is the first stage of providing the student with the ability to use New Testament Greek as a tool for New Testament study. Following an introduction to the grammar of New Testament Greek, some experience is given in reading selected verses of the Greek text of the New Testament.

Students may not take both BL160.1 and BL165.1/2

BL161.2 New Testament Greek IB 6 cr pts

BL166.1/2 New Testament Greek IB—Distance Education 6 cr pts

This subject is the second stage in providing the student with the ability to use New Testament Greek as a tool for New Testament study. Following further development of an understanding of the grammar of New Testament Greek, experience is given in the translation and exegesis of selected portions of the Greek text of the New Testament.

Prerequisite

BL160.1 New Testament Greek 1A

Students may not take both BL161.2 and BL166.1/2

BL170.2 Hebrew A 6 cr pts

BL172.1/2 Hebrew A—Distance Education 6 cr pts

This subject introduces the student to the elements of Hebrew phonology, word formation and grammar, with particular emphasis on understanding the verb and building a vocabulary of the most frequently used words in the Old Testament. Students will translate selected Old Testament prose passages.

Students may not take both BL172.2 and BL172.1/2

BL171.1/2 Hebrew B 6 cr pts

The second semester of biblical Hebrew will complete the survey of the textbook and translate narratives selected from Genesis, Ruth and Jonah. Selected Psalms will be translated to introduce Hebrew poetry. Grammar and syntax issues will be discussed. Emphasis will be placed on greater familiarity with the verbal system.

BL260 New Testament Greek IIA 6 cr pts

This subject studies selected topics in intermediate Greek

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syntax and grammar concurrent with translation and exegesis of selected passages of Koine Greek (mainly taken from the New Testament).

BL261 New Testament Greek IIB 6 cr pts

This subject studies selected topics in intermediate Greek syntax and grammar concurrent with translation and exegesis of selected passages of Koine Greek (mainly taken from the New Testament).

BS260.2 Biblical Apocalypses 6 cr pts

Biblical Apocalypses provides an introduction to the books of Daniel and Revelation with an emphasis on developing principles for interpreting apocalyptic literature that takes cognisance of the original hearers and their historical context.

CC115.1 Writing for Media 6 cr pts

This subject assists communication students in developing writing skills for various media contexts. Students are introduced to basic concepts of punctuation, grammar, register, style and genre with a particular emphasis on print journalism.

CC160.2 Media Interpretations 6 cr pts

This subject provides an introduction to the way in which meanings are generated and understood in a variety of media. Screen studies will be the major focus, with introductory coverage of various print media, radio and advertising. Practical experience will be given in several areas.

CC161.2 Introductory Journalism 6 cr pts

This subject introduces the theory and practice of journalism. It focuses on news and current affairs research and students apply theory to practice by writing a series of news articles. Through tutorials and group discussion, students develop an understanding of news and current affairs and the contemporary debates in journalism.

CC215.1 Screen Performance 6 cr pts

Even years from 2008

This subject assists students in developing skills for screen performance, and knowledge of acting theory, script analysis and single camera techniques. Students are given practical contexts to collaborate with other performers and creatively express themselves through the workshop and audition process. The journal component of this subject provides opportunities for students to engage in independent research, analysis, reflection, and evaluation.

Prerequisite

12 credit points in Communication subjects or 12 credit points in English subjects.

CC216.2 Print Journalism 6 cr pts

This subject introduces the theory and practice of journalism. It focuses on news and current affairs research and students apply theory to practice by writing a series of news articles. Through tutorials, workshops, group

discussion and editorial meetings students develop an understanding of news and current affairs and the contemporary debates in journalism.

Prerequisite

CC115.1 Writing for Media *or*

12 credit points of English subjects. Not available to students who have taken CC161.2 Introduction to Journalism

CC262.1 Issues and Concepts in Communication 6 cr pts

This subject addresses a range of issues and concepts in communication and media theory, with applications to the analysis of media texts. Special attention is given to the nature, production, exchange and interpretation of meanings, and to the interrelationships between society and the mass media.

Prerequisite

CC160.2 Media Interpretations

CC264.2 Photo-Journalism 6 cr pts

Module 1 is a study of the pictorial elements associated with and expressed through the photographic image. It includes photographic composition and design; camera and dark room techniques. Module 2 covers the theory and practice of photo-journalism, including orientation to the photo-journalism industry, and study of the aesthetics and ethics of photo-journalism, news, feature and sports photography and an introduction to digital photography.

CC265.1 Studies in Television/Video Production 6 cr pts

Students are introduced to the medium of television, its industry structure and socio-political influences. The subject also introduces and develops the technical and practical dimensions of video production, providing experience in video pre-production, production and post-production.

Prerequisites

CC115.1 Writing for Media

CC160.2 Media Interpretations

CC266.2 Radio Production 6 cr pts

This subject introduces students to the radio broadcasting industry, radio broadcast practice and ethics and has a practical component in radio program production.

Prerequisite

CC160.2 Media Interpretations

CC267.2 Writing for Radio 6 cr pts

Odd years

This subject introduces students to policies, economics and practices of commercial and community radio, and develops practical skills in script writing.

Prerequisite

CC161.2 Introductory Journalism

CC268.1 Public Relations Practice 6 cr pts

This subject studies internal and external public relations concepts and practices for businesses and other organisations, with an emphasis on identification

and analysis of their publics, and design, execution and assessment of appropriate communication strategies.

Prerequisite

CC115.1 Writing for Media

CC315.1 Creative Writing 6 cr pts

Odd years from 2009

This subject assists students in extending creative skills in the areas of poetry and short story writing. Students are given practical workshops encouraging them to collaborate with other writers and creatively express themselves through the drafting, composing and editing process. The portfolio component of this subject provides opportunities for students to engage in independent and experimental writing with a view to publication.

Prerequisite

24 credit points in Communication subjects or 24 credit points in English subjects

CC360.2 Public Relations Campaigns, Event Management and Fundraising 6 cr pts

Odd years

This subject studies the professional approach and practice in conducting public relations campaigns, event management and fundraising for businesses and other organizations, with an emphasis on identification and analysis of their publics to design, execute and successfully conclude a public campaign, event management or fundraising project for the advancement of the organisation.

Prerequisite

CC268.1 Public Relations Practice

CC363.1 Advanced Journalism 6 cr pts

Odd years

Narrative non-fiction is about the way we tell real-life stories. It combines the craft of reportage with the techniques and writing abilities of a novelist. A combination of fidelity to the truth and literary expression can raise this writing to an art form. We see examples in creative magazine articles as well as in a diverse array of books that include real-life crime stories, travel writing, history, memoir and biography. This subject covers all these forms, focussing on biography and travel writing in particular. It also explores a few key texts in detail, as well as a wide range of readings in a critical class environment. There is an emphasis on the student's own work in a series of exercises and major writing projects to cultivate an awareness of narrative non-fiction and its practice.

Prerequisite

CC216.2 Print Journalism or 24 credit points of English subjects.

CC375.2 Writing for Television/Video 6 cr pts

Even years

This subject introduces students to policies, economics and practices of commercial and public television broadcasting, and develops practical skills in script writing.

Prerequisites

CC115.1 Writing for Media
CC160.2 Media Interpretations

CC343 Christian Studies III—Ethics and Communication Law 6 cr pts

For Communication Specialisations/majors

An introduction to the study of ethics and a selection of contemporary social, political and cultural ethical issues of relevance to Christian Communication professionals; and a study of Communication law and its application to the practice of Communication including copyright; deformation; and truth in advertising and marketing.

CC380.1/2 Professional Internship 6 cr pts

This subject provides opportunities for students to enhance their professional development through structured workplace experience in the communication industry. The professional internship comprises two blocks of workplace experience: a two-week professional placement between semesters three and four, and a four-week placement between semesters five and six.

Prerequisite

At least 12 credit points of 100-level Communication

CC385.2 Advanced Video Production 6 cr pts

This subject provides exposure and training in the art of live multicamera video production for television. The subject introduces and develops the technical and visually creative dimensions of television program production.

Prerequisite

CC265 Studies in TV/Video Production

CC395.1/2 Independent Topic—in Communication 6 cr pts

This subject gives students opportunity to apply the knowledge and skills acquired in their major studies to the design and production of a substantial communication project. The work will be supervised by a Communication lecturer.

CE110.2 Integrated and Emergent Curriculum: Science and Technology 6 cr pts

This subject will present the early childhood curriculum as an Integrated and Emergent Curriculum. There will, however, be a special focus on the theory and practice of early childhood Science and Technology. The impact of developmental stages (0–2, 3–5 and 5–8 year olds) on learning in this subject will be emphasised and applied during in-semester teaching and observations. Teaching and evaluation strategies will be discussed to enable students to plan individual and group Science and Technology experiences.

CE120.2 Integrated and Emergent Curriculum: The Arts I 6 cr pts

This subject will present the early childhood curriculum as an Integrated and Emergent Curriculum. However there will be a special focus on the theory and practice of young children's artistic and aesthetic development in Music and Dance. The impact of developmental stages (0–2,

3–5 and 5–8 year olds) on learning in this subject will be emphasised, and applied during in-semester teaching and observations. This subject will identify strategies for developing and enhancing artistic development and the role of adults in this process.

CE215.1 Integrated and Emergent Curriculum: Numeracy and Technology **6 cr pts**

This subject explores the pedagogical approaches to developing early mathematical and technological experiences and understandings for young children in early childhood environments. Students will explore numeracy, including the use of numbers and other mathematical concepts aimed at assisting children to develop skills in analysing and solving problems. Technology will be viewed as a tool, a medium for providing possibilities and opportunities, for children to make meaning and engage in relationships.

Teaching strategies and provisions will be explored, developed and critiqued in relation to curriculum framework recommendations. Theories of learning and intelligence will be considered in planning, teaching, learning and assessment practices. The impact of developmental stages (0–2 and 3–5 year olds) on learning in this subject will be emphasised, and applied during in-semester teaching and observations.

CE220.1 Integrated and Emergent Curriculum: The Arts II **6 cr pts**

This subject will present the early childhood curriculum as an Integrated and Emergent Curriculum. However there will be a special focus on the theory and practice of young children's artistic and aesthetic development in Visual Arts and Drama. This subject will identify strategies for developing and enhancing artistic development and the role of adults in this process. The impact of developmental stages (0–2, 3–5 and 5–8 year olds) on learning in this subject will be emphasised, and applied during in-semester teaching and observations.

CE230.1 Integrated and Emergent Curriculum: Multiple Literacies **6 cr pts**

This subject will present the early childhood curriculum as an Integrated and Emergent Curriculum. However there will be a special focus on the theory and practice associated with the development of 0–2, 3–5 and 5–8 year olds language, literature and literacy development across the developmental stages. It will incorporate a critical evaluation, from the Christian worldview, of a range of children's literature. Teaching and evaluation strategies will be discussed to enable students to plan individual and group literacy experiences.

CE240.2 Integrated and Emergent Curriculum: PDHPE **6 cr pts**

This subject will present the early childhood curriculum as an Integrated and Emergent Curriculum. However there will be a special focus on the theory and practice of early childhood PDHPE. The impact of developmental stages (0–2, 3–5 and 5–8 year olds) on learning in this subject will

be emphasised, and applied during in-semester teaching and observations. Teaching and evaluation strategies will be discussed to enable students to plan individual and group PDHPE experiences.

CE250.2 Integrated and Emergent Curriculum: Bible and HSIE **6 cr pts**

This subject provides a study of basic Biblical principles that enable young children to know God and experience a relationship with Him. It will incorporate the principles that guide the development of Biblical worldviews. Factors that establish and promote the integration of 'Special Character' in early childhood environments and specifically in HSIE experiences will be explored. A variety of teaching and learning strategies will be considered. Teachers will explore and critique selected Bible and HSIE Curriculum documents to plan appropriate learning experiences for young children. The value of play in the Bible and HSIE curriculum will be explored. The impact of developmental stages (0–2, 3–5 and 5–8 year olds) on learning in this subject will be emphasised, and applied during in-semester teaching and observations.

CH160.1 Chemistry IA **6 cr pts**

This subject is an introduction to physical, theoretical, and inorganic chemistry and builds upon the chemistry studied in year 12 at high school. Laws related to a study of reaction equilibria, reaction kinetics, gases, periodicity, electronic structure and chemical bonding are explored. The chemistry of inorganic ions in solution is explored in relation to the laws of chemistry and an introduction to the role of theory and mathematics in the development of chemical ideas is given.

Prerequisite

HSC Chemistry or equivalent

CH161.2 Chemistry IB **6 cr pts**

One third of this subject is devoted to physical chemistry and two thirds to organic chemistry. The emphasis in physical chemistry is on thermodynamics and colligative properties of liquids and in organic chemistry the emphasis is given to the chemistry of simple aliphatic and aromatic compounds with an orientation toward synthesis, reaction mechanisms and spectroscopy. An introduction to biological compounds.

Prerequisite

Year 12 Chemistry

CH163.1 General Chemistry **6 cr pts**

This is an introductory subject. The physical and inorganic component constitutes half the subject and is oriented towards the needs of the biological sciences with topics such as atomic and molecular structure, gas laws, diffusion, thermochemistry, acid-base equilibria, simple redox reactions, rates and nuclear chemistry. The other half deals with organic and biological chemistry, emphasising structure, properties and uses, rather than synthesis and mechanisms. Common functional groups, stereoisomerism, elementary spectroscopy and the common classes of

biological compounds are introduced.

Prerequisite

Year 12 Chemistry or approved bridging course

CH260.1 Physical and Inorganic Chemistry IIA 6 cr pts

Odd years

This subject develops the key ideas of quantum chemistry and chemical kinetics and shows how they assist in an understanding of the chemistry of the transition elements and isotopes.

Prerequisites

CH160 Chemistry IA

CH161 Chemistry IB

MA160 Mathematics IA *or*

MA164 General Mathematics

CH261.1 Physical and Inorganic Chemistry IIB 6 cr pts

Odd years

This subject develops the key ideas of thermodynamics and shows how they assist in an understanding of the chemistry of groups IV, V and VI of the periodic table, phase and chemical equilibria, and surface phenomena.

Prerequisites

CH160 Chemistry IA

CH161 Chemistry IB

MA160 Mathematics IA *or*

MA164 General Mathematics

CH262.1 Organic Chemistry IIA 6 cr pts

Even years

This subject gives a more advanced treatment of spectroscopic methods of structure determination than encountered in Chemistry IB and includes ¹³C NMR. Some mechanisms associated with aliphatic compounds (nucleophilic substitution, elimination, electrophilic and free radical addition to C=C and nucleophilic reactions of C=O and acid derivatives) are analysed more deeply than in Chemistry IB. Carbohydrate chemistry is further developed and nucleic acid chemistry is introduced.

Prerequisites

CH160 Chemistry IA *or*

CH163 General Chemistry

CH161 Chemistry IB

CH263.1 Organic Chemistry IIB 6 cr pts

Even years

This subject gives a more advanced treatment of synthetic methods than encountered in Chemistry IB, particularly using carbanions and diazonium salts, and introduces tautomerism. Mechanisms of electrophilic, nucleophilic and free radical aromatic substitution are analysed more deeply than in Chemistry IB. Further development of the chemistry of synthetic polymers, lipids, amino acids and proteins is given.

Prerequisites

CH160 Chemistry IA *or*

CH163 General Chemistry

CH161 Chemistry IB

CH360.2 Physical and Inorganic Chemistry IIIA 6 cr pts

Odd years

This subject applies the quantum theory and thermodynamics studied at 200 level to IR spectroscopy and statistical thermodynamics; reaction kinetics and spectroscopy at 200 level to principles of photochemistry; and symmetry, thermodynamics, and quantum theory at 200 level to solid state chemistry. The emphasis in solid state chemistry is on the seven crystal systems and their Bravais lattices, inorganic compounds, metals and non-metals, and superconductors.

Prerequisites

CH260 Physical and Inorganic Chemistry IIA

CH261 Physical and Inorganic Chemistry IIB

MA160 Mathematics IA *or*

MA161 Mathematics IB *or*

MA164 General Mathematics

CH361.2 Physical and Inorganic Chemistry IIIB 6 cr pts

Odd years

This subject examines the properties of ions in solution from a theoretical and laboratory-based perspective and applies this knowledge to analytical contexts; combines the student's knowledge of organic chemistry and coordination chemistry to a study of organometallic compounds; and examines the role of metals in bioinorganic molecules.

Prerequisites

CH260 Physical and Inorganic Chemistry IIA

CH261 Physical and Inorganic Chemistry IIB

MA160 Mathematics IA *or*

MA161 Mathematics IB *or*

MA164 General Mathematics

CH362.2 Organic Chemistry IIIA 6 cr pts

Even years

This subject adds mass spectrometry to the spectroscopic methods used for structure determination. Structure/reactivity relationships are related to free energy changes. Aromatic chemistry is extended to polycyclic systems, non-benzenoid compounds and heterocyclic systems. The principles and mechanisms of organic photochemistry are introduced.

Prerequisites

CH262 Organic Chemistry IIA *and either*

CH263 Organic Chemistry IIB *or*

CH364 Organic Chemistry IIIC

CH363.2 Organic Chemistry IIIB 6 cr pts

Even years

This subject deals with the structure, synthesis and stereochemistry of alicyclic compounds and the mechanisms of a variety of molecular rearrangement reactions. The interface of chemistry with biology is explored in a module on nucleic acids, particularly dealing with chemical and photochemical changes, and also in a module on the physical chemistry of macromolecules. A literature search on a selected chemistry topic is to be carried out.

*Prerequisites*CH262 Organic Chemistry IIA *and either*CH263 Organic Chemistry IIB *or*

CH364 Organic Chemistry IIIC

CH364.1 Organic Chemistry IIIC 6 cr pts*Even years*

This subject gives an advanced treatment of synthetic methods, particularly using carbanions and diazonium salts, and introduces tautomerism. Mechanisms of electrophilic, nucleophilic and free radical aromatic substitution are studied in detail. The chemistry of synthetic polymers, lipids, amino acids and proteins is studied.

*Prerequisites*CH160 Chemistry IA *or*CH163 General Chemistry *and*

CH161 Chemistry IB

CH390.1/2 Seminar in Chemistry 6 cr pts*Offered, subject to staffing and timetable constraints*

This subject is designed to give the student the opportunity to research an area of chemistry in depth under supervision.

The student should recognise that he/she will need to be self-motivated, organised and willing to research into topics under his/her own initiative. Whilst adequate staff supervision and guidance will be important to student success, the student will need to take responsibility for the development and completion of the task within the time frame allocated. Independent work is encouraged, but regular liaison with the supervisor(s) for guidance and for updates on progress is also required. The topic for investigation will be selected in consultation with the supervising lecturer.

Prerequisite

Satisfactory completion of at least three 200- or 300-level Biology subjects

CM105.2 Children's Ministry in the Local Church 6 cr pts

This subject deals with the theology and practice of ministry to children in local churches, from birth to 14 years of age. It includes philosophy and methodology for discipleship, worship, evangelism, service and community. Students are required to understand children's unique needs, and be equipped to minister to them. Attention will be given to the connections to be made among generations and other ministries.

CM160.1 Spiritual Formation for Pastoral Ministry 6 cr pts

This subject surveys different approaches to spirituality and self-awareness, and provides foundational spiritual preparation of the person for ministry. It examines the Biblical foundations for ministry in a context of a theology of the church and its mission, and introduces basic ministry skills and professional boundaries. A church placement is included in this subject.

CM161.2 Communication and Worship 6 cr pts

This subject continues the spiritual preparation of the person for ministry. It introduces small groups theory, communication practice, and the theology and practice of worship. The latter includes a history of worship, the place of worship music, and contemporary worship styles.

Prerequisite

CM160 Spiritual Formation for Pastoral Ministry

CM165 Youth Ministry in the Local Church 6 cr pts

A study of the theology and practice of youth ministry covering the need for a special ministry for youth; the organisation of youth ministry in the local church, and developmental theory from ages 10–30. Particular attention is paid to faith development. Study will be given to how youth learn, and to small group theory. The student will spend time learning to assess and program to meet youth needs.

CM166 Christian Health: Philosophy and Practice 6 cr pts

This subject studies the philosophy and practice of health, particularly as it relates to Christian service. Special attention is given to the historical development and the scientific support of Adventist health beliefs, the determinants of health and theories of behaviour change, and the rationale and development of specific lifestyle programs.

CM265.1 Homiletics 6 cr pts

This subject is a study of homiletical theory and practice in the context of contemporary worship. Preaching practice in the classroom together with sermon presentations in local churches constitute the practical requirements.

Prerequisite

CM161 Communication and Worship

CM281.2 Evangelism in Practice A 6 cr pts

This subject comprises a study of personal evangelism as an aspect of the church's mission. After a survey of the Biblical basis for evangelism and its theology, methods of personal evangelism are critically surveyed, and students are guided in developing and adapting evangelistic methods and skills for their future ministry.

Prerequisite

CM160 Spiritual Formation for Pastoral Ministry

CM282.2 Australian and New Zealand Religions 6 cr pts

This subject comprises a study of the religious environment of Australia and New Zealand. Attention is given to indigenous religions, traditional Christianity, Christian cults and sects, and the other world religions presently active in the Australian/New Zealand context. Particular attention is given to a theology of cross-cultural ministry and mission, and Christian perspectives on sociology and cultural anthropology.

Prerequisite

CM160 Spiritual Formation for Pastoral Ministry

CM283.1 Ministry in Practice A 6 cr pts

This subject comprises a further study of the theology and practice of ministry, giving special attention to the personal work of the pastor, worship services, and strategies for church-based pastoral and evangelistic ministry in a supervised field context. It incorporates both classroom and supervised field components.

Prerequisite

CM160 Spiritual Formation for Pastoral Ministry

CM381.1 Evangelism in Practice B 6 cr pts

This subject is a study of the theory and practice of public evangelism and its integration into ministry in the Seventh-day Adventist Church. It includes assigned practical requirements which are fulfilled in the context of a local church program of evangelism. Additional practical requirements in a local congregation are also attached to this subject.

Prerequisite

CM281 Evangelism in Practice A

CM383.2 Ministry in Practice B 6 cr pts

This subject comprises a study of the theology and practice of ministry, with special attention being given to the administrative leadership of the pastor, an introduction to clinical pastoral education and preparation for the transition from student to practitioner. It incorporates both classroom and supervised field components.

Prerequisite

CM283 Ministry in Practice A

CM395.1 Seminar in Philosophy of Adventist Ministry and Mission 6 cr pts

CM395 is to be taken in the student's final year

This subject provides an opportunity for the student to examine the conceptual framework for the practice of ministry and mission in the Seventh-day Adventist Church. Emphasis is given to the integration of sound philosophical and theological perspectives with strategies and methodologies in pastoral and evangelistic practice.

Prerequisites

CM281 Evangelism in Practice A

CO164.1 Introduction to Information Management 6 cr pts

This subject develops the principles and skills of information management. Students are given an introduction to practical skills in using word processing, presentation, spreadsheet, and database software. The lectures provide a background for the use of computer technology for acquiring, managing and presenting information.

CO168.2 Introduction to Programming 6 cr pts

An introduction to computer programming. Emphasis will be given to the basic elements of program control, elements of user interaction, and structured design principles. The subject will use the object-oriented Java™ programming language.

CO282/284/286.1/2 Internship in Information Technology 2, 4 or 6 cr pts

This internship is designed for students to gain an understanding of how to function effectively in the

workplace environment. The student works for a minimum of 50 hours per two academic credits earned in a professional workplace related to their field of study. On concluding the work-placement, students complete a written report on their experience from 1,000 (2 cr pts); 2,000 (4 cr pts) or 3,000 (6 cr pts) words.

CO290.2 Emerging Trends in Information Technology 6 cr pts

This subject examines recent issues and developing techniques in the field of information technology. The current emphasis is on electronic publishing techniques, robotics and electronic commerce.

Prerequisite

CO298 Advanced Programming

CO292.2 Application Programming 6 cr pts

A programming subject designed to teach students how to use tools typically available to a professional programmer. Students will be expected to apply their programming skills to the development of applications designed for interactive use.

Prerequisite

CO298 Advanced Programming

CO293.1 Systems Analysis and Design I 6 cr pts

This subject introduces the systems life cycle, basic principles of systems analysis and design, together with the tools that are used. It also attempts to highlight new directions in this foundational computing topic.

CO296.2 Operating Systems and Data Communication 6 cr pts

This subject provides an operational and management perspective of operating systems and network infrastructure. It includes a study of Internet protocols and the support they provide for application programming.

Prerequisite

CO298 Advanced Programming

CO298.1 Advanced Programming 6 cr pts

An advanced course in programming featuring the design and implementation of user interfaces, and a study of data structures. This subject uses Java™ as the implementation language.

This subject builds on the fundamentals of CO168, to develop skill in object-oriented programming and interface techniques, and to provide experience in the use of data-structures, components and IT application implementation techniques.

Prerequisite

CO168 Introduction to Programming

CO375.2 Web Application Design 6 cr pts

This subject teaches techniques for designing and implementing web-based applications for information systems.

CO393.2 Systems Analysis and Design II 6 cr pts

This subject builds on the concepts introduced in Systems

Analysis and Design I and explores in further detail the notations, processes, and tools of software engineering with a focus on the design aspects of systems analysis and design.

Prerequisite

CO293 Systems Analysis and Design I

CO394.1 Database Management and Design 6 cr pts

This subject teaches relational database management and design, including data normalisation, SQL, database integrity, and application interface design. It includes transaction theory as applied to recovery and concurrency control.

CO396.1/2 Information Technology Project 6 cr pts

Students analyse, design, and implement a small information technology project either as an individual or group.

CP215.1 Curriculum Studies—Creative Arts I 6 cr pts

This subject is designed to develop both practical competence and teaching expertise in music and visual arts. Students will participate in the analysis and practice of the elements of music and visual arts in varying forms and contexts from a Christian perspective. Students will also investigate the creative development of children in their classwork and every day living.

CP216.2 Curriculum Studies—Creative Arts II 6 cr pts

This subject is designed to extend students' practical competence, teaching expertise and analytical skills in music, drama and dance. The content includes the principles and methods involved in teaching music in the primary school.

Corequisites

CP215 Curriculum Studies—Creative Arts I

CP217.1 Curriculum Studies—Creative Arts (BTch) 6 cr pts

This subject is designed to develop both practical competence and teaching expertise in music, visual arts, drama and dance. Students will participate in the analysis and practice, from a Christian perspective, of the elements of music, visual arts, drama and dance in varying forms and contexts. Students will also investigate the creative development of children in their classwork and every day living.

CP225 Curriculum Studies—English I 6 cr pts

The subject involves an in-depth analysis of literacy development across the curriculum in Years K–2. The various approaches and theories to initial reading, writing and spelling instruction will be examined in theory and practice. A Christian worldview will underpin all instruction and discussion.

CP226.2 Curriculum Studies—English II 6 cr pts

The subject involves an in-depth analysis of literacy development across the curriculum in Years 3–6. The various approaches and theories to listening and speaking, reading, writing and spelling instruction will be examined in theory and practice. A Christian worldview will underpin all instruction and discussion.

Prerequisite

CP225 Curriculum Studies—English I

CP230.1 Curriculum Studies—Physical Education 6 cr pts

This subject is designed to develop an understanding of physical education in the primary school. Through a program of lectures, demonstration lessons, peer teaching experiences, unit writing and sports coaching students should acquire knowledge, skills and attitudes necessary for effective teaching in primary school physical education.

CP231.1 Curriculum Studies—Personal Development and Health 6 cr pts

The philosophical assumption upon which this course is based is that a healthy lifestyle underpins the mental, physical, social and spiritual well being of the individual, the home and the community. This subject also deals with structures, strategies, skills and knowledge essential to the effective functioning of a caring and nurturing primary school community. This course is not designed as a 'content-based' course. Rather it is one that looks at the principles and practices of teaching in the context of this particular content area. The physical education section of the PDHPE syllabus will be covered in CP230.

CP232.1 Curriculum Studies—Personal Development, Health and Physical Education (BTch) 6 cr pts

The philosophical assumption upon which this course is based is that a healthy lifestyle underpins the mental, physical, social and spiritual well being of the individual, the home and the community. This subject also deals with structures, strategies, skills and knowledge essential to the effective functioning of a caring and nurturing primary school community. This course is not designed as a 'content-based' course. Rather it is one that looks at the principles and practices of teaching in the context of this particular KLA.

CP270.2 Curriculum Studies—Religion 6 cr pts

The subject involves an in-depth analysis of literacy development across the curriculum in Years 3–6. The various approaches and theories to listening and speaking, reading, writing and spelling instruction will be examined in theory and practice. A Christian worldview will underpin all instruction and discussion and includes a study of the power of God's word in the life of both teacher and student, spiritual growth and development of children, Christ's methods of imparting truth, the impact of the environment on religious development, and a survey of the Bible texts and programming.

CP283.2 Curriculum Studies—Science and Technology (BTch) 6 cr pts

This subject reviews relevant science and technology syllabi (the NSW Education Department syllabus and those of the Australian Union Conference of the Seventh-day Adventist Church) and examines strategies for teaching primary science and technology. The subject takes a constructivist approach and views primary science

and technology as being essentially experiential in nature and therefore places emphasis upon practical activities and experiences and requires preservice teachers to participate in practical and laboratory activities. The subject also reviews a number of current issues relevant to the teaching of science and technology and requires that preservice teachers be conversant with current information technology. Because of the practical emphasis of the subject, safety is a central issue.

CP285.2 Curriculum Studies—Human Society and Its Environment 6 cr pts

This subject deals with selected strategies for teaching “Human Society and Its Environment,” one of the key learning areas of the NSW K–6 curriculum. The subject focuses on the student developing knowledge, understandings, skills, values and attitudes about people and their social and physical environments. The subject is presented within the framework of a Christian worldview.

CP288.2 Curriculum Studies—Science and Technology I 6 cr pts

This subject includes elementary content topics in technology, biology, chemistry, astronomy, earth science and physics. Its scope is broad rather than deep and it takes a constructivist perspective and presents primary science and technology as being essentially experiential in nature. As a result, practical activities take priority and will include the use of simple every day materials to develop coherent scientific concepts. Many of these activities will be reproducible in the primary classroom. Because of the prominence of practical activities, safety is an important issue.

CP289.2 Curriculum Studies—Science and Technology II 6 cr pts

This subject reviews relevant science and technology syllabi (the NSW Education Department syllabus and those of the Australian Union Conference of the Seventh-day Adventist Church) and examines strategies for teaching primary science and technology. The subject takes a constructivist approach that views primary science and technology as being essentially experiential in nature and therefore places emphasis upon practical activities and experiences which build basic concepts and skills. It perceives the teacher as a facilitator, motivator, organiser, instructor and manager of the learning environment. The subject also reviews a number of current issues relevant to the teaching of science and technology and requires that preservice teachers be conversant with current information technology. Because of the practical emphasis of the subject, safety remains a major issue.

CP298.2 Curriculum Studies—Mathematics I 6 cr pts

This subject explores various pedagogical, learning and assessment approaches, strategies, and resources for teaching the content of the mathematics syllabus. Syllabus documents are analysed and reviewed in an attempt to re-conceptualise mathematics teaching and learning and how

they are related to student development of mathematical concepts, skills and attitudes. Several theories of learning and intelligence are considered, with associated implications for teaching, learning, and assessment. The subject begins to uncover the interconnectedness of mathematical themes and topics within the structure of mathematics, allowing for better understanding of how to introduce a sound foundation for the learning of school mathematics.

CP299.2 Curriculum Studies—Mathematics II 6 cr pts

This subject attempts to uncover the structured and integrated nature of K–6 primary school mathematics by illuminating the nexus between the teaching and learning of mathematics by the relations, recurring themes, and thinking processes emanating from the structural integrity of the mathematics itself. Syllabus documents (particularly those of NSW) are analysed and reviewed in an attempt to re-conceptualise mathematics teaching and learning and how they are related to student development of mathematical concepts, skills and attitudes. Several theories of learning and intelligence are considered, with associated implications for teaching, learning, and assessment.

CR104.1/2 Spiritual Care in Health 6 cr pts

Assisting the clients to meet their spiritual needs is considered to be an important aspect of holistic caring. This subject addresses the concept of human spirituality. It explores differing belief systems and common problems of spiritual origin and suggests strategies by which knowledge of differing beliefs and the concept of spirituality combined with skilled nursing interventions and caring can assist in alleviating spiritual distress and facilitate wellbeing.

CR143.1/2 Christian Studies I 6 cr pts

This subject focuses on the dynamics and experience of salvation, the spiritual message of the Bible and the implications for Christian belief and lifestyle response. The emphasis throughout is on relating the study of Christian faith to real life issues and the concerns of the student.

CR160 Seventh-day Adventist History and Heritage—DE 6 cr pts

A study of the background, rise and progress of the Seventh-day Adventist Church from the Second Advent Awakening in the 1830s and 1840s to the present. Attention is given to personalities, events and the development of biblical understandings.

CR163 Christian Faith in an Adventist Context—DE 6 cr pts

This course consists of six modules which begin with a discussion of Jesus, the Bible and God and ends with a study of Christ’s Heavenly Ministry and the Second Advent. The other four modules deal with Salvation, Sanctification, Worship and the Church. The aim is to relate theological discussion to practical Christian life as it exists in the modern world. To this end the student will be encouraged to refer to views of religion as expressed in serious media sources.

CR243.1/2 Christian Studies II 6 cr pts

This subject examines what it means to be “Adventist” in the 21st century: our identity, our heritage, and our role in contemporary society and the future.

CR304.2 Ethics and Professional Accountability 3 cr pts

This subject explores ethical issues faced by nurses and health workers with a focus on assisting students to develop an understanding of ethical principles and approaches used in moral decision making, and to consolidate their individual stance on ethical issues. Ethical problems are examined from various perspectives with particular emphasis being given to Christian principles, which guide moral decisions. Legislation and professional accountability in relation to ethical issues is also outlined.

CY165.1 SDA History and Ministry of Ellen White 6 cr pts

A study of the rise, development, beliefs, and mission of the Seventh-day Adventist Church from the Second Advent Awakening in the 1830s and 1840s to the present. Particular attention is given to an in-depth study of the life and writings of Ellen Gould White (1828–1915), especially in regard to her on-going influence upon the Church in the 21st century.

CY265.1 Early and Medieval Church 6 cr pts

This subject consists of a study of the history of the Christian church from the Council of Jerusalem through the medieval period. Emphasis is placed on the ethical, doctrinal and ecclesiological issues that confronted the early church and led to the development of an institutional orthodoxy in the West. In addition, students will examine some of the major themes of medieval church history.

Prerequisite

Six credit points of history (CY or HI subjects.)

CY275.2 Ellen White: Life and Writings 6 cr pts

This subject presents an in-depth study of the life and writings of one of the founders of the Seventh-day Adventist Church, Ellen Gould White (1827–1915). Particular attention is given to the issues that surround her on-going influence upon the Church in the 21st century.

Prerequisite

CY165 SDA History and Ministry of Ellen White

CZ213.1 Curriculum Studies—Food and Health 6 cr pts

This subject examines the aims and the philosophy of nutrition and health education within the learning areas of Health and Personal Development and Food Technology as taught in the various states of Australia and New Zealand with application of the curriculum development process for Years 7–12 in Seventh-day Adventist schools, state and other private secondary schools.

CZ218.1/2 Curriculum Studies—Commerce and Legal Studies 6 cr pts

Curriculum Studies—Commerce applies instructional research and teaching methodology to Commerce. The structure, content, outcomes, assessment and instructional

designs of the NSW syllabus are examined. Students receive practical instruction in framing outcomes and planning, using various commerce teaching approaches, applying technology, selecting skills content, evaluating student work, integrating ethical values and faith within the classroom and the curriculum.

Curriculum Studies—Legal Studies is a study of the NSW Stage 6 Legal Studies curriculum and how it can be applied in the classroom. Planning skills are developed to enable the construction of programs or units of work in Legal Studies. Various methodologies used within the subject will be studied and applied.

Prerequisite

A business teaching major or minor

CZ230.1/2 Independent Research in Curriculum Studies 6 cr pts

This is a unit of guided reading and research investigating issues in the curriculum of the selected discipline. It could be a small research project but is more likely to be an extended essay/s based on library/other sources research.

Prerequisite

Normally a minimum of three semesters of study in the relevant discipline or field.

CZ240.1/2 Curriculum Studies—Biology 6 cr pts

The content and outcomes of the courses in biology in the Australian states are examined with particular reference to the NSW Stage 6 syllabus. Specific teaching sequences, strategies and techniques are discussed and demonstrated. Professional attributes, resources, appropriate technologies and curriculum preparation and management are investigated.

Prerequisite

A major or minor in Biology

CZ242.1/2 Curriculum Studies—Chemistry 6 cr pts

This subject will examine and apply a variety of curricula developments and pedagogical approaches for teaching chemistry. Programming, outcome mapping, assessment, chemical demonstrations, computers in chemistry and resources for HSC chemistry will be covered.

Prerequisite

A major or minor in Chemistry

CZ244.1/2 Curriculum Studies—Physics 6 cr pts

This subject will involve a review of the physics syllabi from a selection of states but will place emphasis upon the content and intention of the NSW Stage 6 Physics syllabus and its associated assessment procedures. The subject will take a constructivist approach to the teaching of physics and will emphasise the importance of student ‘hands-on’ experience; practical and theoretical problem solving; skills of diagnosis and remediation; instructional processes which foster reflective thought and conceptual change; and techniques of evaluation. Laboratory organisation and safety will also be an important component of the course. The subject will also require preservice teachers to commence the compilation of teaching resources.

Prerequisite

At least one 200 level Physics subject.

CZ251.1/2 Curriculum Studies—Computing 6 cr pts

Students study the NSW Stage 4–5 and 6 Computing Studies syllabuses and related research and pedagogy. This study includes a detailed analysis of curriculum content, classroom organisation, instructional methodology, teaching practices and skills.

CZ254.1 Curriculum Studies—Junior Science 6 cr pts

The subject examines the nature of science and the role of science as a subject in the development of children. Students study the formation of aims, objectives and curriculum for science courses from year 7–10, the integration of Christian ideas and attitudes with science, and varied teaching strategies and styles basic to the presentation of science topics.

CZ258.1/2 Curriculum Studies—Geography 6 cr pts

This subject focuses on the questions “What and how to teach?” in high school geography. It deals with the interpretation and implementation of the Geography Syllabi for NSW (Stages 4–5 and Stage 6)—these skills being applicable to the syllabi in other states. It includes the place of geography in human society and its environment/studies of society and environment, planning for, outcomes/assessment in, and selection of resources for, geography teaching. The question of values in geography teaching is discussed.

CZ260.2 Curriculum Studies—Mathematics 6 cr pts

This subject reviews the range of options in Stages 4–6 of the NSW mathematics syllabi. An array of topics common to years 7 through 12 mathematics in the various Australian states and New Zealand are reviewed and students are required to demonstrate and/or discuss a range of instructional and management techniques that apply to them. The subject includes aspects related to the determination of special needs among students and the development of appropriate instructional responses to those needs. Preservice teachers are required to demonstrate proficiency with appropriate computing and graphing devices. They are also required to create a unit of work and demonstrate the ability to create assessment activities consistent with those required by the Stage 6 General Mathematics syllabus. Finally students are required to commence the development of an array of resources that will be useful to their future teaching.

CZ262.1/2 Curriculum Studies—History 6 cr pts

This subject applies educational research and teaching methodology to history. Students receive practical instruction in framing outcomes and planning; using history teaching approaches and various teaching methods; selecting skills content, and in assessing student work.

Prerequisite

A major or minor in history

CZ264.1/2 Curriculum Studies—Religion 6 cr pts

This subject is designed to enable secondary teachers who choose to teach religious education to develop a theoretical perspective of religious education through a critical examination of a range of contrasting approaches. It also aims to develop skills in curriculum decision-making, planning, organisation and evaluation. Reflective classroom practice will be linked to pedagogical, psychological and learning theories.

Prerequisite

A major or minor in Religion

CZ268.1 Curriculum Studies—Art and Design 6 cr pts

This subject applies teaching methodology to visual arts. Students receive practical instruction in examining the Creative Arts Key Learning Area and focuses on the NSW Visual Arts syllabus years 7–10. Special emphasis is given to developing a visual arts program of work and resources useful in teaching practice.

CZ269.2 Curriculum Studies—Visual Arts 6 cr pts

Curriculum Studies Visual Art applies teaching methodology to the Creative Arts Key Learning Area, specifically Visual Arts. Students receive practical instruction in the NSW Visual Arts syllabus years 7–10. Students examine in detail the Stage 6 Visual Arts syllabus for preliminary and HSC students as prescribed by the New South Wales Board of Studies. Correlation between assessment and outcomes is a significant part of these courses as individuals prepare themselves for reporting to students, parents and the Board of Studies. Special emphasis is given to developing a visual arts program of work and resources useful for teaching practice.

CZ270.1 Curriculum Studies—Music 6 cr pts

There are two strands in this subject of equal weighting; Both strands must be passed in order to be awarded a successful grade in the subject.

Strand A focuses on teaching music in the junior secondary school. Students become familiar with the philosophy, rationale, aims, objectives and content of the NSW Board of Studies Music syllabus for years 7–10. Knowledge and skills relating to learning theories and class management acquired in other components of the BA/BTch degree will be discussed and extended, with specific implications to Years 7–10 mandatory and additional music courses. Special emphasis is placed on methodology, curriculum decision making, programming, teaching strategies, and assessment of learning outcomes.

Strand B focuses on teaching music in (years 11 and 12; Preliminary and HSC) of the secondary school. Students become familiar with the philosophy, rationale, aims, objectives and content of the NSW 2 Unit Music 1, Music 2 and extension syllabi. Special emphasis is placed on curriculum decision-making, planning, teaching strategies, teaching resources, and assessment of learning outcomes (including consideration of the HSC examination). This

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strand also includes discussion of concert organisation in the school and the use of technology in music education.

Prerequisite

Strand B requires completion of Strand A

CZ272.1/2 Curriculum Studies—English 6 cr pts

This subject requires a study of the role of English in the Australian secondary school classroom. The focus is on implementing the objectives and outcomes of the NSW Board of Studies English Years 7–10 Syllabus and the English Stage 6 syllabus. Particular emphasis will be placed on the revised outcomes in the new English Years 7–10 syllabus, including the mandatory types of text requirements. Through practical demonstration, example and experimentation, the students will be facilitated in mastering skills and knowledge that will assist them to synthesise these objectives and outcomes with those enunciated in the SPD Framework for Seventh-day Adventist education.

Prerequisite

An English major or minor

CZ276.1/2 Curriculum Studies—Business Studies 6 cr pts

This subject applies instructional research and teaching methodology to business studies. The structure, content, outcomes, assessment and instructional design of the NSW Stage 4–6 syllabi are examined. Students receive practical instruction in framing outcomes and planning, using various commerce teaching approaches, applying technology, selecting skills content, evaluating student work, integrating ethical values and faith within the classroom and the curriculum.

CZ280.1 Curriculum Studies—Technology and Applied Studies 6 cr pts

This subject examines the aims and the philosophy of the learning areas of technology and applied studies as taught in the various states of Australia and New Zealand with application of the curriculum development process for Years 7–12 in Seventh-day Adventist schools, state and other private secondary schools.

CZ282.1 Curriculum Studies—PDH/D and T (Junior) 6 cr pts

This subject examines the aims and the philosophy of design and technology, health and personal development as taught in the various states of Australia and New Zealand with application of the curriculum development process for Years 7–10 in Seventh-day Adventist schools, state and other private secondary schools.

CZ283.2 Curriculum Studies—PDH/D and T (Senior) 6 cr pts

This subject examines the aims and the philosophy of design and technology, health and personal development as taught in the various states of Australia and New Zealand with application of the curriculum development process for Years 11 and 12 in Seventh-day Adventist schools, state and other private secondary schools.

Prerequisite

CZ282 Curriculum Studies—PDH/D and T (Junior)

CZ298.2 Curriculum Studies—PDHPE (Junior) 6 cr pts

This subject examines the aims and philosophy of personal development, health and physical education in the secondary grades from the perspective of curriculum development. Students will review modern issues in curriculum development and examine current curricula designs in PDHPE. Particular emphasis is given to the Years 7–10 PDHPE syllabus.

CZ299.1 Curriculum Studies—PDHPE (Senior) 6 cr pts

This subject examines the aims and rationale of the personal development, health and physical education learning area as taught in the various states of Australia. Particular emphasis is given to the application of the curriculum development process for Years 11 and 12 in Seventh-day Adventist schools, state and other private secondary systems.

Prerequisite

CZ298 Curriculum Studies—PDHPE (Junior)

DT165.2 Introduction to Textiles 6 cr pts

An application of the design process in the designing and construction of garments using textiles and involving pattern making.

DT261.1 Food Production Systems 6 cr pts

A study of food production and service systems embracing design of facilities, menu planning, and selection, preparation and distribution of food. Emphasis is given to safety, nutritional, aesthetic, cultural, technological, economic and legislative factors that influence food production.

Prerequisite

HP161 Food Nutrition and Health

DT263.2 Food Science 6 cr pts

A study of the physical, chemical and sensory properties of food commodities and their constituents, research methods and experimental design, with an emphasis on plant food commodities.

Prerequisite

DT261 Food Production Systems

DT267.2 Creative Textiles 6 cr pts

A variety of fabric conventions and techniques such as screen printing, batik, shibori, silk painting, transfer printing, appliqué, texturing, incorporating photographic images and machine embroidery will be explored. The work of fibre artists will be researched and critically analysed in conjunction with personally selected subject matter.

DT268.2 Creative Compositional Design 6 cr pts

Module 1—Photography (3)

Photography is investigated as an expressive form of visual arts and graphic design practice. Special emphasis is given to pre- and post-camera manipulation as a means of exploring ideas, themes and issues through black and white photography.

Module 2—Creative Textiles (3)

Techniques such as screen printing, batik, shibori, silk painting, transfer printing, appliqué, texturing, incorporating photographic images, and machine embroidery will be explored in conjunction with personally selected subject matter using a variety of fabrics.

DT269.1 Textiles and Fashion 6 cr pts

A study of history of costume in the 20th Century, socio-cultural aspects of clothing, and dress as a means of individual and group communication. Personal values, aesthetics, economic and technical factors involved in the selection and construction of textile articles as a form of self expression will be examined.

Methods of designing fashion garments using advanced drafting techniques including draping, use of more complex construction techniques and specialty fabrics applied to a design project.

Prerequisite

DT165 Introduction to Textiles

DT364.1 Design Project (Food Product Design) 6 cr pts

A self-directed food product design and development project in which students will expand and consolidate ideas, techniques and concepts studied in the area of food science.

Prerequisite

DT263 Food Science

DT365.1 Textile Science and Technology 6 cr pts

A study of the technology of textile fibres, dyes and finishes; textiles standards, testing and quality assurance, product development, marketing and consumption patterns.

Prerequisite

DT165 Introduction to Textiles *or* Chemistry Bridging course

DT366.1 Design Project 6 cr pts

A self-directed project in which students will expand and consolidate ideas, techniques and concepts studied in home economics/design and technology.

Prerequisite

Normally a minimum of three semesters of home economics or design and technology specialisation

DT367.1 The Built Environment 6 cr pts

A study of the provision of buildings to include homes, their arrangement in relation to one another, to public facilities, transport systems, workplace and city structures; with a focus on aspects of housing choices as they affect the quality of individual and family life.

DV291.1 Development Practice 6 cr pts

This subject examines the strengths and weaknesses of development NGOs and a broad spectrum of development activity. Amongst other topics this subject will look at child sponsorship, development approaches, ethics, and the context within which Australian NGOs operate. There will also be a strong focus preparing students for varied

ethical and operational dilemmas. DV291 plays a valuable role in preparing students for their overseas development experience in second semester.

Prerequisite

GE190 Global Issues and Humanitarian Responses

DV292.1/2 Development Field Experience 6 cr pts

This subject involves writing a 5,000 word report on an in-country immersion experience in a developing country, usually although not exclusively in the Asia Pacific region. It is also possible for students to undergo a development experience within Australia or participate in an Avondale IDS group tour.

Prerequisite

DV291 Development Practice

DV394.2 Development Skills 6 cr pts

This subject is designed to consolidate a range of practical skills required by development practitioners in Australian NGOs, primarily relating to the Project Cycle. It will enable students to design project documentation including problem and solution trees, stakeholder and needs assessments, project proposals, AusAID submissions, evaluation and monitoring forms and Log Frames. Students will also be introduced to issues of service level agreements with implementing partners, budgeting, acquittals and participatory workshops.

Prerequisites

DV291 Development Practice *or*

DV292 Development Experience

DV395.1/2 Independent Topic in International Development Studies 6 cr pts

This is a unit of guided reading and research *or* field research on an issue or topic in International Development Studies. It involves the preparation and submission of a 5,000 word paper on a specific issue, topic, development case study (but not an individual country) or field of inquiry. Country studies are excluded.

Prerequisite

Twelve credit points of 200-level International Development subjects, with a minimum credit average

DV396.1/2 International Development Studies Placement 6 cr pts

This subject provides opportunities for students to enhance their professional development through a structured workplace experience with either a donor NGO or a donor government aid agency. The placement comprises a minimum of four weeks of work experience, undertaken in a semester break, and followed by the writing of a report on both personal activities and the organisation. It should be noted that the aid agency should be based in Australia or a significant 'other' donor nation.

Prerequisites

DV291 Development Practice *or*

DV292 Development Experience

EC122.2 Introduction to Economics 6 cr pts

This subject covers the concepts and problems of the economy as a whole including the issues of inflation, interest rates, exchange rates, and unemployment. Basic tools of macroeconomic analysis are developed.

ED135.2 Child Development I 6 cr pts

This subject will assist the students to gain knowledge of healthy development and supportive relationships in a Christian context. Students will study the holistic nature of child development and learning through an introduction to the perspectives of different theorists. A major section of this subject will investigate classical and contemporary theories of play. It will also investigate issues of culture, power and gender in play. Students will experiment with observation methods of recording children's learning and play as a means to developing a child profile.

ED143 Christian Studies for Teachers I 6 cr pts

This subject focuses on the dynamics and experience of salvation, the spiritual message of the Bible and the implications for Christian belief and lifestyle response. The emphasis throughout is on relating the study of Christian faith to real life issues and to the concerns of the student.

ED156.1 Communication and Information Management 6 cr pts

This general education subject develops skills in communication and information management necessary for students embarking on a higher education course. The communication module focuses on skills in communication including interpersonal communication skills, academic skills for the lecture room, and the writing of essays and other assignments. The information management module focuses on skills in the use of word processing, presentation, spreadsheet, and database software. Both modules will be offered at a beginner and advanced level, and, depending on prior learning and expertise, students may undertake both modules at the beginner level, both at the advanced level, or one at each level.

ED160.1 Curriculum in Early Childhood Education 6 cr pts

This subject investigates curriculum frameworks from Australia and New Zealand. It discusses Christian networks, compares provisions and introduces guidelines. This subject also explores the integrated and emergent nature of early childhood curriculum. Curriculum frameworks in relation to partnership with parents and transitions are also investigated and established.

ED206.1 Computers, Learning and Curriculum Theory 6 cr pts

This subject introduces future teachers to the use of the computer in the classroom. The emphasis is on the use of the microcomputer as a tool to facilitate student learning and as a teacher productivity tool. Students are also introduced to curriculum theory and practice.

ED216.1 Computers, Learning and Practitioner-based Research 6 cr pts

This subject introduces future teachers to the use of the computer in the classroom. The emphasis is on the use of the microcomputer as a tool to facilitate student learning, as a teacher productivity tool, and data management and information storage and retrieval in the school library.

Students are also introduced to the principles and process of practitioner-based research so that they will be able to plan and implement a research project within the classroom/school during their professional experience program. Attention is given to the structure, format, and writing of students' action research projects which, when completed, are shared and discussed in tutorial sessions.

ED221.2 Children with Special Needs 6 cr pts
Offered in 2008

This subject examines the key relationships between teachers, young children, their families and the community that assist the development and inclusion of young children with special needs and abilities to function as members of an early childhood learning community. In particular this subject aims to provide pre-service early childhood teachers with a range of strategies for planning appropriate environments and provisions to optimise learning experiences for the social, spiritual, and emotional wellbeing and inclusion of each child.

ED235.1 Child Development II 6 cr pts

This subject critically examines current theories of development in 0–3 year olds in the following areas: prenatal, cognitive, social/emotional, language, motor development. Implications and strategies for practice in each area will be discussed. Children as language learners and communicators will also be emphasised in this unit. Students will conduct observations of young children (0–3 year olds), in all aspects of their development, over the course of the semester.

ED236.1 Child Development III 6 cr pts

This subject offers an interdisciplinary perspective on the cognitive, physical, social/emotional, spiritual, and personality changes experienced by the child (4–8 year olds) in the context of relationships from birth to adolescence. The critical importance of key relationships in early childhood years will be highlighted. Christian worldviews will provide the foundation and context for establishing the purpose, values and beliefs regarding the miracle of life. Implications for the care and education of children will be studied in relation to the roles and responsibilities of parents, teachers, and care-givers in developing life affirming relationships.

ED260.1 Theories of Development and Learning 6 cr pts

This subject is divided into two modules:

Patterns of Development and Theories of Learning.

Module 1—Patterns of Development

This subject presents the physical, cognitive, social, spiritual and personality changes experienced as a result

of development from birth to early adulthood. Emphasis is placed on those elements of development that relate to the school years.

Module 2—Theories of Learning

This subject introduces those aspects of cognitive theory that have direct relevance for classroom practice. Topics include the nature of memory and recall, affect and motivation, attention and perception, concept formation, schema theory and the nature of ‘understanding’. In addition the subject examines behaviourism and the implications that cognitive theory has for reading, problem solving, communication and classroom instruction.

ED280.2 Administration and Management 6 cr pts

This subject examines the issues, theory and practice of management in early childhood contexts. It will cover the initiation and implementation of change. This subject will also investigate impacts of government policy, guidelines and regulations on early childhood and the professional considerations that they engender, ie, accreditation, curriculum framework document, child protection and risk assessment.

ED295.2 Multicultural Education and Indigenous Studies 6 cr pts

This subject deals with schools as a multicultural community. Exposure to different cultures, the issues and implications of diversity, tolerance, prejudice and racism will be explored in the context of a Christian classroom. Aboriginal and Maori culture will be studied and associated issues in education relating to indigenous Australians will be explored. The methods of and approaches to teaching English as a Second Language will also be examined.

ED300.1/2 Individual Differences and the Atypical Child 6 cr pts

This subject examines approaches which can be used by teachers to assist with the inclusion of children with special needs in the regular classroom setting. Emphasis is placed on the development of positive attitudes towards the mainstreaming of students with special needs, as well as on the planning and implementation of appropriate educational programs for these students. In particular the subject aims to provide preservice teachers with a range of strategies which can be used to optimise the educational experiences and the social inclusion of the mainstreamed child.

ED303.2 Sociological Perspectives 6 cr pts

The process of education will be examined from a variety of sociological perspectives. Students will investigate several significant ethical and philosophical issues that underpin our society. Students will also investigate a range of current social issues that directly impact their role as a teacher.

Prerequisite

Twelve credit points of 200 level Education subjects

ED324.2 Issues in Educational Computing 6 cr pts

This subject examines the role of computers in schools and particularly the school classroom. Students critically

analyse and reflect on many issues involved in using the computer as both a productivity and learning tool in the classroom.

ED326.2 Music Education 6 cr pts

This subject focuses on advanced curriculum and administration skills relevant to the teaching of music in secondary schools. There is a continuing emphasis placed on planning, teaching strategies, multi-cultural diversity, teaching resources and the administration of choral and/or orchestra and/or concert band programs. The subject also includes discussion of concert organisation, interaction with parents and administration and advanced use of technology in music education.

Prerequisite

CS271 or its equivalent

ED343.1/2 Christian Studies III—Philosophy of Christian Education 6 cr pts

ED346.1 Christian Studies III—Philosophy of Christian Education—Distance Education 6 cr pts

A consideration of selected philosophies and related issues relevant to Christians in the teaching ministry. This subject emphasises the practical implications of adopting a Christian educational philosophy, particularly in church schools.

Students may not take both ED343.1/2 and ED346.1

ED344.2 Art Education 6 cr pts

This subject examines the balance of art and technology in human effort, and emphasises a concern for the sensory, felt or perceived dimension in the curriculum. Particular focus is given to the mass media, and power to manipulate social perspective and value formation.

ED348.2 Teaching English as a Second or Other Language 6 cr pts

This subject gives a comprehensive introduction to the profession of teaching English to speakers of other languages. The content represents a balance between providing background information and relevant research, on the one hand, and offering classroom suggestions and resources for teachers, on the other. This subject incorporates: knowledge of past and present teaching approaches, background on and techniques for teaching the language skills, various options for integrating the skills, theories of second language acquisition, and awareness of important learner variables. The aim is to provide the preservice teacher with a sound basis from which they can operate in order to design and implement appropriate classroom approaches and techniques.

ED349.2 TESOL Practicum 6 cr pts

During professional experience, skill acquisition is enhanced through guided self-reflection and feedback from supervising teachers. Such skills will directly impact on the professional effectiveness of the prospective teacher. Students are required to fulfil specific criteria such as observing regular teachers as they practise, writing observation reports and teaching a series of lessons. This subject meets the NEAS (National ELICOS Accreditation Scheme) requirements for a TESOL practicum.

Prerequisite

ED348 Teaching English as a Second or Other Language or an equivalent subject.

ED352.1 Models, Issues and Significant Events in Early Childhood Education 6 cr pts

Offered in 2008

This subject will provide an overview of contemporary and traditional theories of early childhood through history to the present day to develop an understanding of the present contexts of education. It will also appraise a variety of appropriate practices, ie, Reggio Emilia and anti-bias curriculum, Montessori, and Steiner. This subject will critically review current debates and issues in early childhood education.

ED353.2 Reading Behaviour and Disability 6 cr pts

This subject, designed for infants and primary teachers, covers the nature and causes of mild to severe reading disability. It aims to give preservice teachers competence in the diagnosis, management and treatment of such difficulties, with emphasis on direct, practical experience.

Prerequisites

CP225 Curriculum Studies—English I

CP226 Curriculum Studies—English II

ED355.2 Languages other than English—Introduction to French 6 cr pts

An appreciation, understanding and awareness of French language and culture. Strategies for supporting and reinforcing the primary school LOTE program.

ED356.1 Seminar in Education 6 cr pts

This is a unit of guided reading and research on issues and themes in Education. The subject involves the preparation and submission of one or two papers (totaling 6,000 words) on a specific theme or issue related to the research literature. It could be based on a small research project but is more likely to be an extended essay/s based on library/other sources research.

Prerequisite

Normally a minimum of four semesters of studies in Education.

ED374.1 Planning Assessment and Evaluation 6 cr pts
(not offered until 2008)

This subject will investigate the principles of the planning, assessment and reporting cycle in the early childhood setting (0–2, 3–5 and 5–8). It will explore the nature of early childhood experiences and how these should be taken into consideration when planning. Assessment and reporting in general will be explored and the process for assessing and reporting in specific areas will be discussed. Planning for the children's transition to school will also be covered. This planning will be applied during the Extended Professional Experience.

ED375.2 Science in Education 6 cr pts

This subject discusses the nature of scientific thought and the role that science has played in the development of society. The techniques of science are demonstrated from historical developments in the disciplines of physics, chemistry and biology. The current and future role of science in the techno-society is also investigated.

ED383.2 Leadership and Advocacy 6 cr pts

Offered in 2008

This subject deals with the styles and practice of leadership, communication and interpersonal skills and conflict resolution. Ethics and ethical relationships will be included in this subject. The notion of partnership with parents in early childhood services will be discussed. The role of the leader as an advocate for children, families, and professionals will also be explored. The political aspects of leadership will also be dealt with in this subject.

ED395.2 Health and Adolescence 6 cr pts

A study of trends in adolescent health emphasising research and evaluation of health promotion strategies particularly related to adolescent drug and alcohol use and risk taking behaviour.

Prerequisites

ED260 Theories of Development and Learning

ED295 Multicultural Education and Indigenous Studies

Recommended

HP366 Contemporary Family and Adolescent Health Issues

ED420.1 Research Methods I 6 cr pts

This subject consolidates and extends the student's knowledge and skill in research methodologies, literature search processes, criteria for the evaluation of research reports, the use of statistics, computer software in analysis, and preparation of a research proposal. The learning experience leads the student to plan and proceed towards development of a creative scholarly thesis investigating a specific educational research interest.

Prerequisites

Admission to the Bachelor of Education or Bachelor of BA/Bus/BSc/Bachelor of Teaching (Honours) degree is on the basis of evidence that the student has achieved, during the first two years of the course, an average pass rate of not less than 75% and at least a credit (commendable) average grade for professional experience.

ED421.2 Research Methods II 6 cr pts

This subject consolidates and extends the student's knowledge and skill in research methodologies, literature search processes, criteria for the evaluation of research reports, the use of statistics, and computer software in analysis. Students will have completed a research proposal allowing investigation of a specific educational research interest.

Prerequisite

ED420 Research Methods I

ED422.1 Research Project IA 6 cr pts

This subject involves the student in significant progress toward completion of a scholarly research study in education in the form of a written thesis.

Prerequisite

ED420 Research Methods I

ED421 Research Methods II

ED423.2 Research Project IB 6 cr pts

This subject involves the student in the completion of a scholarly research study in education in the form of a written thesis.

Prerequisite

ED422 Research Project IA

EN161.1 Approaches to Literature 6 cr pts

This subject introduces a variety of approaches to the study of drama, narrative and poetry. Students will be introduced to basic literary theory. Attention will be given to a range of key issues and concepts relevant to the study of literature in general. Students will survey a range of texts from a variety of critical perspectives.

EN162.2 Australian Literature 6 cr pts

This subject introduces students to Australian literary history, the work of selected Australian writers, and the problems inherent in the concept of a national literature.

EN223.1/2 The Bible as Literature—Distance Education 6 cr pts

A study of the literary dimensions of the Bible, especially exploring genre characteristics and their relationship to themes and message.

Prerequisite

At least six credit points of English at 100 level recommended. This subject is not available to students completing or who have completed EN264 or EN364 Literature and Religion.

EN224.1/2 The Bible as Literature 6 cr pts*Even years*

A study of the literary dimensions of the Bible, especially exploring genre characteristics and their relationship to themes and message.

Prerequisite

At least six credit points of English at 100 level recommended. This subject is not available to students completing or who have completed EN264 or EN364 Literature and Religion.

EN263.1 Drama 6 cr pts*Even years*

A study of drama as genre with reference to text and performance. Attention is given to themes, technique and dramatic qualities and production aspects of plays studied. The relationship between actor and audience, the influence of theatrical traditions and the evolution of performance styles will be explored through practical workshops. Participating in a major theatre practicum will form the

basis of the bulk of assessment for this course.

Prerequisite

Twelve credit points of 100-level English or 100-level communication

EN264/364.1 Literature and Religion 6 cr pts*Odd years*

This subject focuses on the treatment and development of the religious expression of dominant world religions in literary works. Attention will be given to the relationship between literature and faith experience. It will provide opportunity for the critique of the ways in which religious thought and related historical, sociological and philosophical concerns are expressed through literary texts.

Prerequisite

Twelve credit points of 100-level English

EN265.2 Comparative Literature 6 cr pts

This subject focuses on literature across national and language boundaries. It explores the ways in which texts from different traditions raise questions about the nature and function of literature, paying particular attention to the transformation of texts and the comparative treatment of themes in relation to national, social and/or cultural contexts.

Prerequisite

Twelve credit points of English at 100-level.

EN267.1 Writing Women 6 cr pts

A study in narrative with emphasis on gender in literary discourse. Some of the areas covered include writing as a gendered activity, the concept of the heroine and the voice of female narrators and characters.

Prerequisite

Twelve credit points of 100-level English

EN271.1 Fiction for Children and Adolescents 6 cr pts*Semester 2 from 2008*

This subject presents a critical introduction to some major historical and generic developments in novels for children and 'young adults' and explores the theoretical issues involved in the study of children's literature.

Prerequisite

Twelve credit points of 100-level English

EN368.2 Post-Colonial Literature 6 cr pts

This subject explores a range of post-colonial issues through a study of post-colonial literature in English. It is intended to help students interrogate eurocentric biases and develop a critical awareness of oppositional and national discourses. The nature of post-colonial theory will form the basis of evaluating the achievements and the discontentment within the field of post-colonial literature.

Prerequisite

Twelve credit points of 200-level English

EN370.2 Life Writing 6 cr pts

This subject examines a range of autobiographical and biographical texts from English-speaking cultures in the nineteenth and twentieth centuries. It also will explore some

of the ways in which identities are discovered or made, and will analyse the representation of these processes in literary texts.

Prerequisite

Twelve credit points of 100-level English

EN372.1 Renaissance Literature 6 cr pts

This subject explores some of the major writers of the English Renaissance in relation to cultural changes occurring in that period. Special attention is given to Shakespeare.

Prerequisite

Twelve credit points of 200-level English

EN373.2 Twentieth Century Literature 6 cr pts

This subject examines a selection of the central literary preoccupations and experimentations of the period. It contextualises and questions the relationship between ‘modernism’, ‘postmodernism’, literary theory, and other social practices.

Prerequisite

Twelve credit points of 200-level English

EN395.1/2 Independent Topic—English 6 cr pts

This is a unit of guided reading and research on an issue/s or topic/s in the student’s chosen discipline. It may involve the preparation and submission of one or two papers (totalling 6,000 words) on a specific issue/s or topic/s related to the relevant literature, or a series of reading reports with associated discussion. It could be based on a small research project but is more likely to be an extended essay/s based on library/other sources research.

Prerequisite

Twelve credit points of 200-level English, with credit average

EP100.1 Professional Development and Experience IA 6 cr pts

This subject introduces the student to the concept of the teacher as an ethical, reflective, analytical thinker, time manager and facilitator of children’s learning who is able to meet the needs of individual children. Students will learn how to create lesson plans for play experiences. They will observe and evaluate children’s play (0–2, 3–5 and 5–8 year olds). They will plan and set up the environment and materials for individual and small group experiences. The students will also become conversant with protocols in early childhood settings.

EP101.2 Professional Development and Experience IB 6 cr pts

The basic principles of behaviour management are covered in this subject. It also develops competence in planning, setting up, conducting and evaluating experiences for whole group settings. Ten days of professional experience in an early childhood setting (3–5 year olds) is undertaken. Students also further develop an understanding of protective care, health and safety issues.

EP200.1 Professional Development and Experience IIA 6 cr pts

This subject will define and analyse the concept of well-being in relation to self, children, families, the centre setting and the community. It will develop understanding of health and well-being from indigenous and diverse cultural perspectives. This subject includes 10 days of professional experience in an early childhood setting (3–5 year olds). This subject will also deal with factors affecting parent partnerships from different cultures

Corequisite:

EP100.1 Professional Development and Experience IA

EP201.2 Professional Development and Experience IIB 6 cr pts

This subject will explore relationships and connectedness between professionals, families, children and communities. Models of reflective practice and effective teaching will be developed. This subject will consider all play contexts and areas from the perspective of infants and toddlers. Nutrition and food preparation will also be explored in this subject. This subject includes 15 days of professional experience in a 0–2 year old early childhood setting.

Corequisite:

EP101.2 Professional Development and Experience IB

EP300.1 Professional Development and Experience IIIA 6 cr pts

This subject will examine potentially dangerous products, plants and objects in an early childhood centre. It will also reflect the tension, complexity and competitive nature of a rapidly changing pluralistic society. It will also provide the teacher with a variety of teaching strategies to be used in different contexts with different age groups (0–2, 3–5 and 5–8 year olds). This subject includes 10 days of professional experience in an early childhood setting (3–5 year olds), and working towards their professional experience in a 5–8 year old setting (K–2 in a regular school).

Corequisite:

EP200.1 Professional Development and Experience IIA

EP301.2 Professional Development and Experience IIIB 6 cr pts

This subject will examine the issues involved with children settling into a new culture and learning a new language. Students will be given practical opportunities to assist with teaching ESOL children. The subject will also examine the issues involved with successful teaching of indigenous children. Issues dealing with occupational health and safety and emergency situations are also investigated. Students will participate in 20 days of professional experience in a K–2 setting.

Corequisite:

EP201.2 Professional Development and Experience IIB

EP350.1 Professional Development and Experience IVA 6 cr pts

This subject will focus on the integrating faith and learning in an early childhood setting. Planning and management

will also be covered in this subject. It will also introduce the students to practitioner-based research and prepare them to conduct their own research in Professional Development and Experience IVB. This subject includes 10 days of professional experience in an early childhood setting (0–2 and/or 3–5 year olds) of choice.

Corequisite:

EP300.1 Professional Development and Experience IIIA

EP351.2 Professional Development and Experience IVB 6 cr pts

This subject will be a self-directed action research project in a related area of the student's choice. Students are also expected to deal with the realities of employment prospects and organisational expectations by participating in an actual on site employer interview. The students will also work closely with parents as partners. This subject includes 30 days of professional experience in an early childhood setting of choice (0–2 and/or 3–5 year olds).

Corequisite:

EP301.2 Professional Development and Experience IIIB

FN200.1 Business Finance 6 cr pts

As business decisions usually have financial implications, this subject attempts to provide graduates with the finance skills necessary to rationally assess the choices facing professional business people

This unit is designed to introduce and provide a basic knowledge of financial decision-making. It introduces appropriate analytical techniques so that the financing and investment policies of the firm may be correctly evaluated in keeping with the objective of maximising shareholder wealth.

Prerequisite

MA163 Business Statistics

GE180.2 Environmental Issues 6 cr pts

This subject deals with humans' relationships with and role in the physical environment, and includes an examination of issues such as forest clearance, land degradation, biodiversity loss, and pollution of waters and atmosphere, including acid precipitation, ozone depletion and the enhanced greenhouse effect. The links between economic development and environmental impacts are investigated, together with economic approaches to environmental preservation and conservation.

GE190.1 Global Issues and Humanitarian Responses 6 cr pts

This subject examines the geographical dimensions of selected socio-economic and cultural issues of global concern, including: population dynamics; food production and hunger; culture and conflict; inequalities; human impact on the environment; development. Humanitarian responses to such issues are an embedded theme.

GE292.2 Asian Fieldwork 6 cr pts

Subject to student enrolment

This subject involves writing a 5,000 word report on an in-

country study tour or immersion experience in at least one Asian country. It is expected that students will undertake negotiated fieldwork research, observations and activities relating to specific geographic features, places, spaces and processes. While a development geography focus is a theme of this subject, students may research areas as diverse as poverty, urban environments, pollution, deforestation, and change in values, lifestyle and land use.

Prerequisite

GE190.1 Global Issues and Humanitarian Responses

GE293.2 Asia Pacific in the Global Economy 6 cr pts

This subject is a geographical study of the development of Asia/Pacific nations in the context of a global economy. Patterns of development and change are examined thematically across the region through a series of case-studies, including India, China and a selection of Pacific island nations.

Prerequisite

GE190 Global Issues and Humanitarian Responses

GE391.1 Development Geography 6 cr pts

This subject examines the contested notion of development as it has been conceptualised and practised in the 'poor world': models of development; the international structures of colonialism, aid and debt; development institutions and their policies for poverty alleviation; the impacts of this 'top-down' development on rural communities and gender relations. Appropriate transformations and sustainability are underlying themes.

Prerequisite

GE293 Asia Pacific in the Global Economy

GE392.2 Urban Places and Society 6 cr pts

This subject examines the way human activity and experience are structured in urban space and various approaches to managing urban socio-spatial change. The focus is on exclusion, consumption, fragmentation and conflict in the urban environment. A range of theoretical perspectives is utilised and case studies are taken from Australia, and the developed and developing worlds.

Prerequisite

GE293 Asia Pacific in the Global Economy

GE395.1/2 Independent Topic in Human Geography 6 cr pts

This is a unit of guided reading and research OR field research on an issue or topic in human geography. It involves the negotiation, preparation and submission of a 5,000 word paper on a specific issue, topic, case study or field of inquiry.

Prerequisite

Twelve credit points of 200-level Geography, with a minimum credit average

GP281.1 Physical Geography A 6 cr pts

This subject considers the structure of the earth and the processes which shape the features of the crust. These include plate tectonics and related endogenic processes,

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and gradational processes acting on the surface.

Prerequisite

GE180 Environmental Issues

or approval of the Dean of the Faculty of Arts

GP282.2 Physical Geography B 6 cr pts

This subject investigates the processes which operate in the atmosphere (both in the short- and long-term), the nature of soils and their formative processes, and introduces aspects of the distribution of life on the earth.

Prerequisite

GE180 Environmental Issues

or approval of the Dean of the Faculty of Arts

GP383.1 Biogeography 6 cr pts

A study of the factors, both contemporary and historical, determining the distribution of biological organisms. The geography of species, dispersal, biogeographic regions, biogeographic history. A biogeographical account of the flora and fauna of Australia.

Prerequisites

GP281 Physical Geography A

GP282 Physical Geography B *or*

BI262 Ecology

GP384.2 Geomorphology in the Arid Zone 6 cr pts

Even years

The subject deals with geomorphological processes and forms in arid climates, especially in an Australian context. It has a strong fieldwork emphasis.

Prerequisites

GP281 Physical Geography A

GP282 Physical Geography B

GP395.1/2 Independent Topic in Physical Geography 6 cr pts

This is a unit of guided reading and research on an issue/s or topic/s in physical geography. It may involve the preparation and submission of one or two papers (totalling 6,000 words) on a specific issue/s or topic/s related to the relevant literature, or a series of reading reports with associated discussion. It could be based on a small research project but is more likely to be an extended essay/s based on library/ other sources research.

Prerequisite

Twelve credit points at 200-level Geography, and credit average

HI161.1 A History of Western Civilisation I 6 cr pts

A survey of western civilisation from antiquity to the end of the sixteenth century. Although the course surveys more than two thousand years of history, a number of themes and issues will be considered in greater depth. Primary documents will be studied, and there will be an emphasis on the cultural, religious and political factors which shaped western history.

NOTE: This is an elective subject only; it can not be included as part of a major or minor

HI162.1 A History of Western Civilisation II 6 cr pts

A survey of civilisation in the west from the beginning of European expansion to the end of the twentieth century. This course will study the European Powers as they emerged from the Reformation; the development of absolutism and responses to it. It will consider the dynamics of revolutionary ideas and events in the late eighteenth and nineteenth centuries, including the industrial revolution, and the causes and consequences of twentieth century wars.

NOTE: This is an elective subject only; it can not be included as part of a major or minor

HI163.1 Australia: Prehistory to the Present 6 cr pts

A survey of the history of Australia from earliest European exploration to the modern era, with particular emphasis on early settlement.

HI164.2 The Ancient World 6 cr pts

This course is an introduction to the civilizations of the ancient Mediterranean. It will survey the history of Egypt, Greece and Rome, and will consider selected topics in detail.

HI261.2 Conflict in the Twentieth Century 6 cr pts

A study of conflicts which have shaped the twentieth century, beginning with the Russo-Japanese War. Particular attention will be given to the causes, conduct and consequences of the world wars.

Prerequisites

Six credit points of History at 100-level recommended.

HI262.1 Revolution and Revolutionaries 6 cr pts

This course will study the phenomenon of revolution, and the background and events of a variety of revolutions from the seventeenth century to the present. There will be a focus on issues of change and upheaval, and those of continuity, in political, social, economic and religious areas. The role of individuals as leaders and participants will also be considered. There will be generalised discussion of revolutions and revolutionaries, and a deeper focus on the English Revolution of the seventeenth century, the French Revolution, the Russian Revolution, the Nazi Revolution, the Iranian Revolution and the Cuban Revolution.

Prerequisites

Six credit points of 100-level History

HI265.2 The Reformation 6 cr pts

A study of European and English history in the sixteenth and seventeenth centuries as it relates to the Protestant Reformation.

Prerequisites

Six credit points of 100-level History *or* Enrolment in BTh

HI268.2 Australian Religious History 6 cr pts

Even years

A study of selected features of the Churches and Society in Australia 1788–1990.

Prerequisite

Six credit points of 100-level History

HI366.2 Old Empires/New Nations**6 cr pts***Odd years*

An exploration of the concepts of imperialism and nationalism over the centuries, with particular emphasis on global empires and their collapse into national states in the twentieth century. Case studies will be selected from Palestine, Vietnam, Indonesia, India, and the Soviet Union.

Prerequisite

Six credit points of 200-level History or Geography

HI367.2 Women's History**6 cr pts***Even years*

This subject surveys women's history from the time of the early Christian Church to the end of the seventeenth century. It considers in depth a variety of topics such as representations of women; the creation of gender identity; work, marriage, domesticity, property, and family; religious and political structures, and women's relationships with power and authority. Wherever possible the focus will be on women's experience and their own voices.

Prerequisite

Six credit points of 100-level History

HI369.1 Issues in Representation: History, Literature and Media**6 cr pts**

A study of the nature of representation in literature, media and history. Questions will be asked about the relationship between representation and notions of truth, factuality and reality, and the relative effectiveness of literature, media and history as mediums for such concepts.

Prerequisite

Twelve credit points of History, English or Communication

HI370.1 Themes in American History**6 cr pts**

This subject is structured around five themes in United States history. These themes are: (1) political structures and developments; (2) the relationship of the United States to the rest of the world; (3) religion, reform and social upheaval; (4) marginalised groups: native Americans, black Americans, immigrant groups and women; and (5) presidential style and achievement.

Prerequisite

Six credit points of 200-level History

HI395.1/2 Independent Topic in History**6 cr pts**

This is a unit of guided reading and research on an issue/s or topic/s in the student's chosen discipline. It may involve the preparation and submission of one or two papers (totalling 6,000 words) on a specific issue/s or topic/s related to the relevant literature, or a series of reading reports with associated discussion. It could be based on a small research project but is more likely to be an extended essay/s based on library/other sources research.

Prerequisite

Twelve credit points at 200-level History and credit average

HP143.1 Fitness and Food for Health**6 cr pts**

This subject introduces students to the role of exercise and nutrition in the promotion of health. Emphasis is placed upon students experiencing firsthand the benefits of physical activity and a variety of training modes used to develop the fitness components are explored. Students undergo a personal training program and dietary analysis as well as learn how to assess the various fitness parameters.

HP144.2 Biomechanics for Physical Educators**6 cr pts**

In this subject biomechanical principles relating to human movement and sporting skills are explored. Emphasis is placed on understanding the science of locomotion and mechanics and how knowledge of this can be used to refine sporting technique.

HP160.1 Introductory Psychology and Sociology**6 cr pts**

This subject provides foundational concepts essential to an understanding of emotions, behaviours and thinking processes of individuals. It also introduces the student to the social factors influencing the individual's relationship to society.

HP161.2 Food Nutrition and Health**6 cr pts**

An investigative approach to the fundamentals of food composition, production, selection and preparation and a study of the functions of food and nutrients for health promotion in humans.

HP181.1 Movement Studies I**6 cr pts**

This subject is designed to develop knowledge and understanding of game play with particular emphasis on strategic and tactical aspects of games. Students will study games as educational experience and apply developing instructional skills in the context of sport education.

HP241.2 Motor Learning and Control**6 cr pts**

This subject introduces the field of motor control and learning. It deals with the processes underlying simple movements and skills through to the development and modification of complex motor patterns. Emphasis is given to understanding the development and acquisition of skills relevant to the Physical Education teacher.

HP247.1 Care and Prevention of Sports Injuries**6 cr pts**

This subject explores the theory and practice of sports injury management. It builds on a foundation of functional anatomy and the understanding of individual tissue responses to injury. Students will be taught prevention as well as treatment of common injuries seen in Australian sport.

Prerequisite

SC162 Anatomy and Physiology or equivalent

HP248.1 Wind and Water Sports**6 cr pts**

This subject is designed to develop knowledge, skills and understanding in various wind and water sports. Students will study and participate in such activities as sailing, surfing, water skiing, hang gliding, lifesaving and also facilitate an aquathon event.

HP249.2 Outdoor Pursuits 6 cr pts

This subject is designed to help students process their adventure experiences so that effective learning and personal growth can take place within individuals and groups. Students develop knowledge, skills and understanding of selected outdoor pursuits. Students will study the principles of participation in the outdoors and will gain practical experience in bushwalking, orienteering, canoeing and sea kayaking. This subject is designed to prepare students for participation and leadership in outdoor adventure activities that are popular in school and community programs. Students will be given opportunity to explore various leadership styles and develop leadership skills that will enhance effective communication, experienced based judgement, problem solving, decision making, group development and group dynamic.

HP262.1 Nutrition Development and Performance 6 cr pts

A study of the role of nutrients and psychosocial factors in human nutrition during the lifespan with a focus on exercise and cognitive performance.

Prerequisites

HP161 Food Nutrition and Health
CH163 General Chemistry, *and*
BI261 Biochemistry desirable

HP265.2 Family and Community Studies 6 cr pts

A study utilising an ecological framework to examine how the well-being of individuals, families and communities is affected by broader societal influences at each stage of the lifecycle, with a focus on resource management.

HP273.1 Track and Field and Racquet Sports 6 cr pts

This subject is designed to develop both practical competence and teaching expertise in track and field and racquet sports.

HP282.1 Movement Studies II—Adventure Activities 6 cr pts

This subject represents the theoretical foundation for the justification of adventure education activities. Students will be provided with the opportunity to examine and reflect on the historical development of outdoor education and its impact on current practice. They will be encouraged to critically evaluate their adventure-based experiences in light of theoretical motivational models developed during the subject with a view to forming a personal philosophy and approach to outdoor education. This will allow for the development of an appreciation and an understanding of the theory of Experiential Learning. Students will gain experience designing experiential education programs using a range of teaching models and styles to increase awareness about the effectiveness of adventure based outcomes.

HP283.2 Movement Studies III—Track and Field and Racquet 6 cr pts

This subject is designed to develop both practical competence and teaching expertise in racquet sports, track and field and aquatics.

HP284.2 Movement Studies IV—Gymnastics 6 cr pts

This subject is designed to develop both practical competence and teaching expertise in gymnastics. Students will participate in the analysis, practice and performance of artistic, educational, and recreational gymnastics. Emphasis will be placed on safe effective teaching strategies via skill progression and successful class organisation and planning. The practical teaching and participating will develop movement abilities, lesson structure and the development of themes in gymnastics.

HP285.1 Movement Studies V—Dance 6 cr pts

This subject is designed to develop both practical competence and teaching expertise in dance. Students will participate in the analysis and practice of dramatic and creative movement, improvisation and self-expression techniques, as well as cultural, social and aerobic dance. The underlying aim of this subject is to familiarise students with the dance components of the PDHPE 7–10 syllabus as taught in the NSW school system.

HP341.2 Exercise Physiology 6 cr pts

This subject explores the various domains of exercise physiology in both underlying theory and practice. Emphasis is given to developing essential research skills within the area.

Prerequisite

SC162 Anatomy and Physiology *or* equivalent

HP343.1 Psychosocial Issues in Sport 6 cr pts

This subject investigates contemporary issues in sport psychology and the role of sport in society. These issues are discussed in terms of recent research and theory in the psychosocial area of sport, with emphasis on sports and sport-related behaviours as they occur in social and cultural contexts.

HP363.2 Health Promotion 6 cr pts

A study of cultural meanings of health, the context of health promotion, and rationales and strategies for designing, implementing and evaluating health promotion initiatives particularly related to food and physical activity.

Prerequisite

HP262 Nutrition Development and Performance
HP160 Introductory Psychology and Sociology desirable

HP366.1 Contemporary Family and Adolescent Health Issues 6 cr pts

The study and application of crisis intervention strategies enabling the student to identify and utilise supportive networks for meeting the more challenging family life and adolescent health situations within contemporary society.

HU156 Communicating in the Arts 6 cr pts

This general education subject develops understandings, skills and attitudes to enable the Arts student to be able to communicate effectively in the various disciplines in an Arts degree. This includes communicating through the written word as well as via various electronic information

technologies. All BA students undertake two modules: one in communication and one in information management. Both modules must be passed in order to pass the subject.

The communication module focuses on aspects of communication skills, academic skills for the lecture room, and the writing of essays and other assignments and appropriate referencing systems.

The information management module focuses on understanding and higher order skills in the use of word-processing, spreadsheet and *PowerPoint™* applications, as well as understanding and using information management techniques and strategies.

Both modules apply ethical concepts to issues such as academic integrity and copyright.

HU200 Volunteer Experience and Reflection 6 cr pts

Service is central to this subject. Students complete a substantial volunteer service experience (of at least six months). At College they engage in reflection on their experience within the context of reading related to Christian service, volunteering, or altruism and then complete a major report and account of their reflection.

HU343.1 Christian Studies III—Ethics and Social Justice 6 cr pts

An introduction to the study of ethics and social justice within a Christian perspective. A variety of contemporary ethical and social justice issues in the social, political and cultural arenas are examined selected from: inequality, bioethics, human rights, ecojustice, gender relations, violence in society and ethnicity. Opportunity is provided for student presentations on these and other social justice issues.

LA145.2 Business Law 6 cr pts

An examination of those areas of business law that are most relevant to accountants and auditors. The course will provide students with a basic understanding of civil law and legal process. Specifically, the course focuses on the important area of contract that is the basis of business transactions, with special emphasis on contracts for the sale of goods and services. Statute law concerning consumer protection will also be discussed, as will the law of principal and agent.

LA260.2 Corporate Law 6 cr pts

This subject is designed to acquaint students with the major business organisational forms recognised by the law. The subject is primarily concerned with Company Law and examines in detail the nature and consequences of incorporation. It also examines the major elements of the law of partnership.

MA160.1 Mathematics IA 6 cr pts

An introductory study of pure and applied mathematics, logic, sets and mappings, relations, algebraic systems, number systems, elementary functions. Techniques and applications of differentiation and integration. Simple numerical methods. Vectors in 3D. Introduction to

Mathematica.

Prerequisite

Extension I Mathematics, or by application to the Faculty of Science and Mathematics

MA161.2 Mathematics IB 6 cr pts

This is the second unit in a sequence of introductory pure and applied mathematics. It comprises linear algebra, integration, infinite series, complex numbers, analytic geometry, and differential equations. Applications of *Mathematica* are included.

Prerequisite

MA160 Mathematics IA

MA162.2 Introduction to Statistics 6 cr pts

This subject is primarily designed to introduce the fundamentals of statistical methods covering topics in descriptive and inferential statistics relevant to the biological and social sciences.

MA163.2 Business Statistics 6 cr pts

A unit in quantitative methods and elementary statistical methods covering topics in basic mathematics, descriptive and inferential statistics for business.

MA164.1 General Mathematics 6 cr pts

An introductory unit in mathematical concepts and techniques. Topics include: logic, basic algebra, sets and probability, descriptive statistics, elementary functions, basic differentiation and integration, linear systems, complex numbers and infinite series. Computer spreadsheet software and *Mathematica* are used to support topics where applicable.

MA260.1 Calculus II 6 cr pts

Multivariable calculus: differentiation, extrema, multiple integrals, vector integral theorems.

Differential equations: linear equations with constant coefficients, special types, simultaneous linear equations, series solutions, linear pde's, separation of variables. Selected applications in *Mathematica*.

Prerequisites

MA160 Mathematics IA

MA161 Mathematics IB

MA261.1 Algebra II 6 cr pts

Linear Algebra

Linear systems, vector spaces, determinants and linear transformations, eigenvalues and eigenvectors, orthogonality, complex scalars, inner product spaces.

Operations Research

Linear programming, simplex method, duality, integer programming, non-linear programming, network analysis.

Prerequisites

MA160 Mathematics IA

MA161 Mathematics IB

MA262.1 Statistics II**6 cr pts***Odd years*

Random variables, expectation, probability distributions, sampling theory, central limit theorem, point and interval estimations, hypothesis testing, regression and correlation analysis. Computer usage in calculations and analysis of data.

Prerequisites

MA160 Mathematics IA

MA161 Mathematics IB

MA263.2 Numerical Analysis**6 cr pts***Even years*

Error analysis, algorithms and convergence, solutions of equations in one variable, interpolation and polynomial approximation, numerical differentiation and integration, initial value problems for ordinary differential equations, linear systems, iterative techniques in matrix algebra. Use of *Mathematica* in solving numerical problems.

Prerequisites

MA160 Mathematics IA

MA161 Mathematics IB

MA360.2 Calculus III**6 cr pts***Odd years*

Complex numbers, complex differentiation and integration, Taylor and Laurent series, residue theorem, conformal mappings, asymptotic solutions of differential equations, gamma, zeta and elliptic functions briefly.

Prerequisite

MA260 Calculus II

MA361.1 Algebra III**6 cr pts***Abstract Algebra:*

Sets, relations, permutation and cyclic groups, Lagrange theorem, cosets, homo- and iso-morphisms, normal subgroups, rings, integral domains and fields

Number Theory:

Integers, divisibility, greatest common divisors, Euclidean algorithm, fundamental theorem of arithmetic, Fermat numbers, diophantine equations, congruence, quadratic residues, prime number theory, multiplicative functions.

Use of *Mathematica*.*Prerequisite*

MA261 Algebra II

MA362.1 Mathematical (Adv) Analysis**6 cr pts***Even years*

Set Theory—Sets, functions, relations, numbers, Zorn's Lemma.

Real Analysis—Algebraic properties of \mathbb{R} , sequences, continuous functions

Metric Spaces—Spaces, norms and balls, convergence, metrics

Topology—Topology of \mathbb{R} , subspaces, function spaces, compactness, completeness

Prerequisites

MA160 Mathematics IA

MA161 Mathematics IB

MA363.2 Advanced Mathematical Methods**6 cr pts**

Special functions and applications; Laplace Transforms and applications: Introduction to Chaotic Dynamical Systems. Supportive use of *Mathematica*

Prerequisite

MA260 Calculus II

MA390.1/2 Seminar in Mathematics**6 cr pts**

The mathematics seminar subject at 300 level is designed to give the student the opportunity to research an area of mathematics or mathematical history in depth under the supervision of a member of the Faculty of Science and Mathematics. A variety of kinds of investigation is available for the seminar subject but it is important that this 300 level investigation build on the established mathematical expertise of the student.

Prerequisite

Satisfactory completion of three 200- or 300-level Mathematics subjects

MK250.1/2 Guided Readings in Marketing**6 cr pts**

An independent reading and research subject that focuses on selected areas of marketing which is of interest to the student. It provides the student with an opportunity to critically review recent literature materials relating to the theory and practice of marketing. Regular tutorial periods are required for the review of the chosen literature materials.

MK260.2 Consumer Behaviour**6 cr pts**

This subject introduces how consumers behave and make purchasing decisions. It examines the way in which consumers respond to external stimuli from various media, how individuals differ in their response, and how underlying psychological processes influence their response. It also examines how consumers are affected by other factors such as group dynamics, attitudes and values, personality, social class and culture. Organisational buying behaviour is also studied.

MK281.2 Marketing Communication**6 cr pts**

Students gain an understanding of how promotion and advertising are used in the marketing of products and services. It examines promotional strategy development and the promotional mix elements of advertising, personal selling, sales promotion, direct marketing, public relations and publicity in an integrated marketing communication plan. The social and ethical issues involved in promotion and advertising are also examined.

MK282/284/286.1/2 Internship in Marketing 2, 4 or 6 cr pts

This internship is designed for students to gain an understanding of how to function in the workplace. Students work for a minimum of 50 hours per two credit points in a professional workplace related to their field

of study. On concluding the work-placement, students complete a written report on their experience from 1,000 (2 cr pts); 2,000 (4 cr pts) or 3,000 (6 cr pts) words.

MS283.1 Services Marketing 6 cr pts

This subject examines the marketing of services as distinct from the marketing of tangible products. It considers: the characteristics of services and service organisations, the positioning of a service organisation, defining the customer base, managing the marketing mix, designing and implementing the marketing plan.

MS285.1 Marketing Research 6 cr pts

This subject introduces students to marketing research. It is designed to enable students to identify organisational information needs, understand the principles of conducting research as well as to develop practical knowledge and skills to carry out research projects. Assessment includes a research proposal.

MS360.1 Current Issues and Electronic Marketing 6 cr pts

This subject is made up of two modules: current issues and electronic marketing. Current Issues relates to recent events, topics and trends in marketing that are presently exercising the minds of marketers. Electronic Marketing examines the emerging interactive technologies and their impact on, and implications for marketers. Special emphasis is placed on communication and direct marketing technologies.

MS362.1/2 Marketing Project 6 cr pts

Each student is to develop a research proposal with an organisation of his/her choice, gather and analyse data, and present the results in the form of a written report (3,000–4,000 words).

MS365.2 Strategic Responses for Marketing 6 cr pts

This subject emphasises the importance of basing marketing decisions on a strategic view of organisations. It is designed to integrate the various functional areas of business and look at the problems of business from the point of view of the enterprise as a whole. Content includes the concept of corporate strategy; the fundamentals of strategic analysis; the formulation, development and implementation of strategy. This subject is taught with a major emphasis on case study and analysis.

MS385.2 Managing Marketing Diversity 6 cr pts

This subject introduces students to the complexities of managing a diverse marketing workforce, whether in a local business with a multicultural workforce or in an organisation that is geographically dispersed or international. Managing the marketing of business that intends to enter and grow in a foreign market also greatly increases the complexity of the operation. The success of the organisation will be dependent on how well this diversity and complexity is managed.

MS100.1 Performance and Aural IA 6 cr pts

This subject facilitates the development of musical skills

in the principal instrument or voice. Students present a 20 minute video and self-assessment. The performance component includes compulsory membership of an ensemble. Content includes the development of aural skills and the application of aural skills to listening, and performing. The use of computers in music for MIDI sequencing and music notation is introduced.

Prerequisite

Admission by audition, interview and/or placement tests

MS101.2 Performance and Music Skills IB 6 cr pts

Students continue the development of musical and performance skills in their principal instrument or voice. Students present a 20 minute jury exam. Membership of an ensemble is required. Content includes the development of aural skills and the application of aural skills to listening, performing and composing. Content includes the teaching of strings in a school environment, and techniques of directing string ensembles, conducting and rehearsal skills.

Prerequisite

MS100 Performance and Music Skills 1A

MS106.2 Musicology and Harmony IA 6 cr pts

This subject is taught in two separate modules: Musicology and Harmony.

Musicology includes an introduction to world music: how to listen to, analyse and write about music of different eras and styles; Medieval and Renaissance music; discussion of styles and performance practices; and practical sessions in the performance of early music.

Harmony includes an introduction to the fundamentals of western tonal harmony, four part harmony and voice leading in particular. The knowledge and skills acquired are applied in music analysis and harmonic exercises presented in two folios.

Prerequisite

HA060 Foundations of Harmony *or*

A pass in Grade V Theory, or a bridging course or placement test

MS107.1 Musicology and Harmony IB 6 cr pts

This subject is taught in two separate modules: Musicology and Harmony

Musicology extends the concepts introduced in MS106 and includes a study of music of the Baroque and Classical periods in its historical/cultural contexts; intensive listening to and analysis of major works, leading to an understanding of the development of instrumental and vocal forms in the Baroque and Classical periods.

Harmony includes a study of the harmonic language of the Baroque period with attention to Bach Chorales and the Classical period using more complex harmony. The harmonic concepts acquired are applied in short exercises. Where possible, study and analysis will link into the musical works studied concurrently in musicology.

Prerequisite

MS106 Musicology and Harmony IA

MS108.1 Performance and Aural IA 6 cr pts

This subject facilitates the development of musical skills in the principal instrument or voice. Students present a 20 minute video and self-assessment. The performance component includes compulsory membership of an ensemble. Content includes the development of aural skills and the application of aural skills to listening, and performing. The use of computers in music for MIDI sequencing and music notation is introduced.

Prerequisite

Admission by audition, interview and/or placement tests

MS109.1 Performance and Aural IB 6 cr pts

This subject facilitates the development in the student's principal instrument or voice with a repertoire exhibiting a variety of styles, periods, genres and composers which are evaluated through the presentation of a twenty-minute video and self-assessment. The subject also incorporates aural and written identification of diatonic intervals, chords and cadences, melodic and rhythmic dictation and sight-singing. Ensemble performance involves membership of the Avondale Singers or Avondale Chamber Orchestra or Avondale Wind Ensemble.

MS191.2 Music History I 6 cr pts

An introduction to world music: how to listen to, analyse and write about music of different eras and styles including Medieval and Renaissance music. Practical sessions in the performance of early music are included. Membership of an ensemble as directed is compulsory and students are encouraged to perform in other ensembles organised in Avondale College.

NOTE: This subject is an elective only; it cannot be included as part of a specialisation, major or minor.

MS192.1 Music History II 6 cr pts

A study of music of the Baroque and Classical periods in its historical/cultural contexts. Students listen to and analyse major works of the Baroque and Classical periods. Membership of an ensemble as directed is compulsory, and students are encouraged to perform in other ensembles organised in Avondale College.

NOTE: This subject is an elective only; it cannot be included as part of a specialisation, major or minor.

MS193.2 Music History III 6 cr pts

This subject covers music from the Romantic period to Impressionism. Students analyse representative works by major composers and the historical, cultural and musical influences affecting formal structures and performance practices. Membership of an ensemble is compulsory, and students also are encouraged to perform in other ensembles organised in Avondale College.

NOTE: This subject is an elective only; it cannot be included as part of a specialisation, major or minor.

MS194.2 Performance and Ensemble Skills IA 6 cr pts

Students further develop their musical and performance skills. Membership of an ensemble as directed is required. This class fulfills the requirements of a general American Music component.

Prerequisite

Audition and interview

NOTE: This subject is an elective only; it cannot be included as part of a specialisation, major or minor.

MS200.1 Performance and Music Skills IIA 6 cr pts

Further development of proficiency in the student's principal instrument or in voice, with a repertoire exhibiting a variety of periods, styles, genres and composers. Presentation of a 30 minute video performance and written self analysis is required. Membership of an ensemble is compulsory, and students are encouraged to perform in other ensembles organised in Avondale College.

Students complete advanced melodic dictation in twentieth century idioms; aural identification of diminished 7th and chromatic chords; advanced sight-singing; application of aural skills to listening, performing and composing; the teaching of brass and voice in a school environment; techniques of directing brass and vocal ensembles, including continuing conducting and rehearsal techniques.

Prerequisite

MS101 Performance and Music Skills IB

MS201.2 Performance and Music Skills IIB 6 cr pts

This subject facilitates further development of proficiency in the student's principal instrument or voice, with a repertoire exhibiting a variety of periods, styles, genres and composers. Presentation of a 35 minute jury exam. Membership of an ensemble as directed is required, and students are encouraged to perform in other ensembles organised in Avondale College. Organisation, promotion and presentation of a public concert.

Students study teaching in a school environment of woodwind instruments and electronic instruments/sound sources; and further work in techniques of directing instrumental groups, including conducting and rehearsal skills.

Prerequisite

MS200 Performance and Music Skills IIA

MS206.2 Musicology and Harmony IIA 6 cr pts

This subject is taught in two separate modules: Musicology and Harmony.

Musicology content includes: music from the Romantic period to Impressionism; analysis of representative works by major composers; historical, cultural and musical influences affecting formal structures and performance practices; the expansion of instrumental and vocal forms during the periods.

The Harmony content includes a study of the harmonic language of the Classical period using more complex harmony; initial skills in composition with links to musical

works studied concurrently in Musicology.

Prerequisite

MS107 Musicology and Harmony IB

MS205.1 Musicology and Harmony IIB 6 cr pts

This subject is taught in two separate modules: Musicology and Harmony

The Musicology module examines trends in art music since 1900, with detailed analysis of selected compositions. Special attention is given to music of Europe (including Britain) and the United States. The music is studied in relation to its cultural contexts, including the impact of prominent issues and historical/cultural developments on the creative responses of composers.

The Harmony/Composition module includes the concepts, tonalities and techniques of Romantic music with reference to Romantic music studied in the previous semester in MU206; experience in composition writing based on acquired musical knowledge, with feedback from lecturer and class members. Students will have opportunity to perform their own compositions.

Prerequisite

MS107 Musicology and Harmony IB

MS209.2 Performance IIB 6 cr pts

Further development of proficiency in the student's principal instrument or voice, with a repertoire exhibiting a variety of periods, styles, genres and composers. Presentation of a 35 minute public recital. Membership of an ensemble as directed is required, and students are encouraged to perform in other ensembles organised in Avondale College. Organisation, promotion and presentation of a public concert.

Prerequisite

MS208 Performance and Aural IIA

MS210.1 Performance IIA 6 cr pts

Further development of proficiency in the student's principal instrument or voice, with a repertoire exhibiting a variety of periods, styles, genres and composers. Students present a 30 minute video performance and written self analysis. Membership of an ensemble as directed is compulsory, and students are encouraged to perform in other ensembles organised in Avondale College.

Aural skills are further developed and students undertake advanced melodic dictation in twentieth century idioms; aural identification of diminished 7th and chromatic chords; advanced sight-singing and application of aural skills to listening, performing and composing.

Prerequisite

MS109 Performance and Aural IB

MS287.1 European Study Tour 6 cr pts

This subject focuses on the music from Beethoven to the post-Romantics, with special emphasis on the music, sources, composers and artists associated with the tour locations—Vienna, Paris and London. Concert attendance in each of these cities is included. The music is studied in

relation to its cultural milieu, including art and architecture in each location.

MS288.2 European Performance Tour 6 cr pts

This subject focuses on the music from Beethoven to the post-Romantics, with special emphasis on the music, sources, composers and artists associated with the tour locations—Vienna, Paris and London. Concert attendance in each of these cities is included. The music is studied in relation to its cultural milieu, including art and architecture in each location. Tour members will present a public performance in Europe.

MS300.1 Performance and Music Skills IIIA 6 cr pts

Further development of proficiency in the student's principal instrument or voice, with a repertoire exhibiting a variety of periods, styles, genres and composers. Study of the literature and repertoire of the student's principal instrument or voice, and familiarity with major pedagogical figures in the field. Preparation for a recital in semester six. Students are also encouraged to perform in other ensembles organised in Avondale College. Membership of an ensemble as directed is compulsory, and students are encouraged to perform in other ensembles organised in Avondale College.

Students are introduced to the art of improvisation. Skills acquired are applied to the study of the twelve bar blues and other jazz forms. Transcriptions of improvisations will be made.

Students will gain further experience in conducting techniques by directing in the rehearsal and performance of a work.

Prerequisite

MS201 Performance and Music Skills IIB

MS301.2 Performance and Music Skills IIIB 6 cr pts

This subject culminates the student's performance development in the Music major. Each student prepares and presents a 40 minute public recital. Membership of an ensemble as directed is required. Students arrange music of varying forms and styles for school choral and instrumental ensembles.

Prerequisite

MS300 Performance and Music Skills IIIA

MS305.1 Musicology and Composition IIIA 6 cr pts

This subject is taught in two separate modules: Musicology and Harmony/Composition

The Musicology module examines trends in Australian art music in the context of changing Australian culture, including the impact of major social/cultural issues on the creative responses of Australian composers.

The Harmony module includes harmonic techniques of Impressionist music and twentieth century art music, including serialism and atonality, minimalism and postmodern idioms. Content is related where possible to the musicology units of this subject and MU207; extended

experience in original composition(s) based on acquired musical knowledge, with feedback from lecturer and class members. The capacity to develop a personal means of expression is provided through structured and semi-structured tasks and the development of a process diary. Students will have opportunity to perform their own composition(s).

Prerequisite

MS207 Musicology and Harmony/Composition IIB

MS307.1 Popular Music 6 cr pts

This subject examines issues and trends in popular music from the earliest roots of Jazz, to embrace most forms of popular music of today. Study is given to the compositional styles and techniques of popular culture. Jazz, folk, rock and pop styles are analysed, as well as the use of electronic music and MIDI. Writing styles and techniques of twentieth century popular music are applied in composition/arrangement by students, and in performance.

MS308.1 Performance and Improvisation IIIA 6 cr pts

Further development of proficiency in the student's principal instrument or voice, with a repertoire exhibiting a variety of periods, styles, genres and composers. Study of the literature and repertoire of their principal instrument or voice and familiarity with major pedagogical figures in the field. Preparation for a major recital in semester six of the course. Students are also required to perform in other ensembles organised in Avondale College. Students also are introduced to the art of improvisation. Skills acquired are applied to the study of the twelve bar blues and other jazz forms. Transcriptions of improvisations will be made.

Prerequisite

MS209 Performance IIB

MS309.2 Performance IIIB 6 cr pts

This subject culminates the student's performance development in the Music major. Each student prepares and presents a 40 minute public recital. Membership of an ensemble as directed is required.

Prerequisite

MS308 Performance and Improvisation IIIA

MS314.1 Ethnomusicology and Contemporary Culture 6 cr pts

The development of audio and information technologies has had a powerful effect on the availability of recorded and live performances of music from cultures worldwide. This has inevitably influenced music of all styles and has brought into question traditional concepts about the nature of music. In this subject an introductory survey of historical developments in the philosophy of music in western society provides a context for discussion of universals in music, the role of music in culture, aesthetics in music, and the influence of world music on western art and popular music.

MS395.1/2 Independent Topic—Music 6 cr pts

Students undertake guided reading and research on an

issue/s or topic/s in the student's chosen discipline. It may involve the preparation and submission of one or two papers (totalling 6,000 words) on a specific issue/s or topic/s related to the relevant literature, or a series of reading reports with associated discussion. It could be based on a small research project but is more likely to be an extended essay/s based on library/other sources research.

Prerequisite

Twelve credit points at 200-level Music, and credit average

MT145.1 Organisations in a Business Context 6 cr pts

A study of the fundamental concepts of management and marketing within business organisations. Emphasis is placed on the evolution of marketing and management thought. Topics include the management and marketing environment, behaviour, strategies, decisions, analysing opportunities, and the construction and management of the organisational mix. Ethical and social responsibilities of managers are critically examined.

MT216.1 Management Information Systems 6 cr pts

A study of the growing strategic importance of information systems and how the developments of the Internet, electronic commerce, EDI and databases are fundamentally transforming the way organisations conduct their business activities. Managing the essential information technologies, system development and end-user computing. The relationship of the management information system to shared information resources.

Prerequisites

CO164 Introduction to Information Management;

MT145 Organisations in a Business Context

MT251.1 Management Research 6 cr pts

This subject introduces students to management research. It is designed to enable students to identify organisational information needs, understand the principles of conducting research as well as to develop practical knowledge and skills to carry out research projects. Assessment includes a research proposal.

MT261.2 Organisational Behaviour 6 cr pts

An introductory course in human behaviour within organisations. It examines and analyses human behaviour at the individual, group and organisational levels. Factors that influence behaviour as well as the strategies that may be adopted to increase the satisfaction and productivity of members of organisations at all levels are also examined and discussed.

MT270.1 Human Resource Management 6 cr pts

An introductory course examining the fundamental concepts of human resource management. It is designed to develop skills in applying these concepts to organisational issues and problems. The subject focuses on human resource management from the perspective of both line managers and human resource specialists. Topics include analysis in determining human resource requirements,

planning, selection of and developing human resources, managing labour relations, health and safety issues, and future trends.

MT280.2 Workplace Relations 6 cr pts

This subject aims to provide a broad generic introduction to the nature of the employment relationship in and out of the workplace. In particular, it will look at industrial relations which stems from the employer and employee relationship and the ongoing and changing interaction between parties that provides the essential basis for describing industrial relations practice.

MT282/284/286.1/2 Internship in Management 2, 4 or 6 cr pts

This internship is designed for students to gain an understanding of how to function in the workplace environment. The student works for a minimum of 50 hours per two academic credits earned in a professional workplace related to their field of study. On concluding the work-placement, students complete a written report on their experience from 1,000 (2 cr pts); 2,000 (4 cr pts) or 3,000 (6 cr pts) words.

MT343.1 Christian Studies III—Professional Ethics 6 cr pts

An introduction to the study of ethics and its application to professional persons in the business environment. Content includes a Christian basis for decisions in conflict of interest situations. The subject emphasises the application of ethics by the Christian business person to decision making, personnel management and relationships, and the formulation of procedures and policies in the business environment. Particular emphasis is placed upon Church-operated businesses.

MT345.1 New Business Ventures and the Entrepreneur 6 cr pts

This subject examines the process of creating new business ventures, with an emphasis on contemporary trends. These ventures may include small businesses, franchises and the purchase of existing operations. This subject brings together the business concept, entrepreneurial drive and a marketable product or service. Preparation and presentation of the business plan to potential stakeholders is an integral part of the subject.

MT352.2 Management Project 6 cr pts

Each student is to develop a research proposal with an organisation of his/her choice, gather and analyse data, and present the results in the form of a written report (3,000–4,000 words).

MT365.2 Strategic Responses for Managers 6 cr pts

This subject emphasises the importance of basing management decisions on a strategic view of organisations. It is designed to integrate the various functional areas of business and look at the problems of business from the point of view of the enterprise as a whole. Content includes: the concept of corporate strategy; the fundamentals of strategic analysis; the

formulation, development and implementation of strategy. This subject is taught with a major emphasis on case study and analysis.

MT385.2 Managing Diversity 6 cr pts

This subject introduces students to the complexities of managing a diverse marketing workforce; whether in a local business with a multicultural workforce or in an organisation that is geographically dispersed or internationally managed. Topics covered include: managing across cultures, managing political risk and negotiations, organising international operations, decision-making and controlling international operations, human resource management, motivating and leading, ethics, investment and relationships with the host governments.

MT395.1/2 Guided Studies in Management 6 cr pts

An independent reading and research subject that focuses on selected areas of management which is of interest to the student. It provides the student with an opportunity to critically review recent literature materials relating to the theory and practice of management. Regular tutorial periods are required for the review of the chosen literature materials.

NR101.1 Foundations of Health and Nursing 6 cr pts

In this subject students are introduced to the concepts of health and nursing, focussing on the use of an holistic approach to promote and maintain health and the delivery of safe, competent and compassionate care, in diverse settings. Students are introduced to the nursing process, nursing theories, nursing roles and responsibilities, professional standards, and acceptable ethico-legal parameters for safe practice and develop beginning level technical, documentation, tertiary writing and communication skills.

NR102.2 Clinical Practice II 6 cr pts

This subject is designed to equip students with a holistic approach to fundamental nursing care skills so they can function as well informed, responsible, professional members of the health care team in the clinical practice environment in general medical/surgical and aged care environments.

NR103.2 Primary Health Care 6 cr pts

An introduction to the role of the nurse in incorporating Primary Health Care philosophy and principles into professional nursing practice.

NR202.1 Medical/Surgical Nursing A 6 cr pts

Medical Surgical Nursing A is the first of three medical surgical nursing subjects and examines the endocrine system, renal system, gastrointestinal system and reproductive system.

This subject is designed to develop the student's knowledge of the pathophysiological and psychosocial processes, clinical conditions and therapeutic actions when caring for the person across the lifespan with altered health status in endocrine, gastro-intestinal, renal and reproductive

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functioning. Issues of preventative health care and wellness maintenance will also be examined for individuals and diverse groups.

NR203.1 Clinical Practice III 6 cr pts

This subject is designed to facilitate students developing and practicing nursing skills to enable them to provide for the needs of clients with gastrointestinal, renal, endocrine and reproductive dysfunction in an holistic way.

NR204.2 Clinical Practice IV 6 cr pts

This subject is designed to provide students with an holistic approach to fundamental nursing care skills in the care of individuals with mental health, musculo-skeletal, integumentary, sensorineural, neurological and central nervous systems health care needs in general and specialist practice areas. Students will also have the opportunity to develop nursing care skills across differing age groups from the new born and child to the adult and aged person.

NR205.2 Medical/Surgical Nursing B 6 cr pts

This subject is designed to develop the student's knowledge of pathophysiological and psychosocial processes, clinical conditions and therapeutic actions when caring for the person across the lifespan with altered health status in the neurologic, sensorineural, integumentary and musculoskeletal function. Issues of preventative health care and wellness maintenance will also be examined for individuals and diverse groups.

NR206.2 Mental Health 6 cr pts

This subject focuses on the body of knowledge, clinical and interpersonal skills and the caring attitudes required for nurses to provide comprehensive, informed care in both institutional and community health care settings for the individual with a mental illness.

NR207.1 Utilising Research 6 cr pts

The process of critical analysis is explored and applied to research. The role of research in developing nursing knowledge is examined and the basic concepts of, reasons for, and strategies used in both qualitative and quantitative research approaches are introduced in order to develop the skill of critiquing research studies. The rights and responsibilities involved in conducting research are also identified.

NR208.1 Promoting Holistic Health 6 cr pts

This subject provides the student with the skills and strategies of health promotion management for individuals using the bio-psychosocial approach to health and wellness. This subject provides an understanding of the disease and wellness process and its effect on the individual as this is foundational to the knowledge and understanding required to promote health in the community. It also introduces contemporary complementary therapies as adjunct to optimal health and well-being.

NR302.1 Medical/Surgical Nursing C 6 cr pts

This subject is designed to develop the student's knowledge of pathophysiological and psychosocial processes, clinical conditions, and therapeutic nursing actions when caring for the person across the lifespan with altered health status in gas exchange, respiratory, cardiovascular, and haemopoietic function. Issues of preventative health care and wellness maintenance will also be examined for individuals and diverse groups.

NR303.1 Community Health Nursing 6 cr pts

This subject is designed to provide students with a holistic perspective incorporating the primary health care model to prepare students to practice professionally, responsibly, knowledgeably and effectively in a community setting and to be aware of the diverse populations within the community.

NR305.1 Clinical Practice V 6 cr pts

This subject is designed to provide students with a broad holistic approach to the needs of clients in aged care, and those with cardiovascular, haematological and respiratory dysfunction, through the development and practice of skills related to care of patients/clients in nursing practice areas of high dependency and aged care.

NR306.2 Clinical Practice VI 6 cr pts

This subject is designed to provide students with a broad holistic approach to the needs of clients in critical care (intensive care, emergency care and perioperative) areas. It also provides the student with a pre-registration clinical experience that encourages consolidation of skills in preparation for the transition to autonomous nursing practice.

NR307.2 High Dependency Nursing 6 cr pts

This subject is designed to provide the student with specialised knowledge and rationale to provide competent management of nursing care for individuals in critical areas including emergency care, intensive care and the perioperative environment.

NR308.1/2 Clinical Nursing Elective 6 cr pts

This subject is designed to further prepare the student for the transition to practice as a Registered Nurse. It allows the student to explore practice areas of interest and to develop and refine the sub-roles performed by nurses in the process of managing and delivering holistic care. This subject also uses a self-directed learning contract to enhance the organisation and managerial skills and reflective practice of the student whilst caring for a client in the clinical setting.

NR160.1 Gospels A 6 cr pts

This subject provides a general introduction to the Bible in its social and historical context, and how it is studied in an academic context. Its main focus is on the study of the Gospels of Matthew and Mark as witnesses to the person, life, and teaching of Jesus Christ and to the earliest church's

faith in Him. While the emphasis of the course is on the exegesis of the Gospels, attention is also given to issues of introduction, historical background, and theology.

NT170 New Testament Epistles A 6 cr pts

This subject is concerned with the study of Romans and I and II Corinthians, as well as selected passages from other New Testament Epistles. Attention will first be given to the introductory issues related to the epistle under consideration. This will be followed by an analysis of the letter's overall message and an exegesis of some of the more significant sections of each letter.

NT351.1 Gospels B 6 cr pts

This subject studies the Gospels of Luke and John as witnesses to the person, life and teaching of Jesus Christ. Particular attention is devoted to Luke's historical and social milieu, his eschatology, and the Lukan parables. With John there is a focus on his unique language, dialogues and "sign-miracles". The Gospels' distinct portrayals of the Passion are also analysed.

NT360.1 New Testament Epistles A 6 cr pts

This subject is concerned with the study of Romans and I and II Corinthians, as well as selected passages from other New Testament epistles. Attention will first be given to the introductory issues related to the epistle under consideration. This will be followed by an analysis of the letter's overall message and an exegesis of some of the more significant sections of each letter.

NT361.2 New Testament Epistles B 6 cr pts

This subject is concerned with the study of Galatians and Hebrews, as well as selected passages from other New Testament epistles. Attention will first be given to the social milieu and introductory issues related to the epistle under consideration. An analysis of the letter's overall message and an exegesis of the most significant sections of each letter will follow this. The English text will be used as a base, but frequent reference will be made to the Greek text. Key passages from the Greek text of the New Testament are also studied.

Prerequisites

BL161 New Testament Greek IB

NT160 Gospels A or

NT161 Gospels B

NT362.2 New Testament Apocalypses 6 cr pts

This subject is a study of the parts of the New Testament which are considered to have the characteristics of apocalypses, namely the Gospel "synoptic apocalypse", selected passages from Paul's Thessalonian letters, and the book of Revelation. The subject focuses on exegesis, and includes a survey of the history of interpretation, plus application to the contemporary church and society.

Prerequisites

BL161 New Testament Greek IB

and one NT subject at 200-level

OT262.2 Pentateuch 6 cr pts

This subject introduces the student to exegesis of the Hebrew Bible by focusing on its first five books. It also continues the survey of Hebrew grammar begun in Hebrew A. Passages are selected for exegesis which highlight the main themes of the Pentateuch.

Prerequisite

BL170 Hebrew A

OT265.1 Old Testament Prophets 6 cr pts

This subject provides a general introduction to the phenomenon of prophecy and prophetic literature, followed by a specific introduction to the Hebrew prophets of the Assyrian, Babylonian, and Persian eras. Selected Hebrew passages will be exegeted with reference to Old Testament historical texts.

Prerequisites

BL170 Hebrew A

OT282.2 Pentateuchal Studies 6 cr pts

This subject introduces the student to exegesis of the Hebrew Bible by focusing on its first five books. It also continues the survey of Hebrew grammar begun in Hebrew A. Passages are selected for exegesis which highlight the main themes of the Pentateuch.

Prerequisite

Admission to the Bachelor of Arts or Bachelor of Arts/Bachelor of Teaching with major or minor in Religion or Religious Studies

OT361.1 Old Testament Seers and Sages 6 cr pts

This subject is a study of the Hebrew biblical Apocalypses and wisdom literature, with special focus on the book of Daniel, to discover their meaning and relevance for today.

Prerequisite

OT265 Old Testament Prophets

PH160.1 Physics IA 6 cr pts

With PH161.2 this subject provides a first-level introduction to classical and modern physics. This subject focuses on classical mechanics and thermodynamics. Topics include: tools of physics, Newton's laws and rectilinear motion, linear momentum, work and energy, statics, rotational kinematics and dynamics, oscillatory motion and wave motion, fluids, kinetic theory and temperature, thermal properties of matter, and introductory thermodynamics.

Prerequisites

Year 12 Physics or equivalent, and HSC Mathematics Extension I or equivalent

PH161.2 Physics IB 6 cr pts

With PH160.1 this subject provides a first-level introduction to classical and modern physics. Topics include: electrostatics, dc and ac circuits, magnetostatics, electromagnetism, geometrical and physical optics, special relativity, particles and waves, and atomic and nuclear physics.

Prerequisites

Year 12 Physics or equivalent, and HSC Mathematics Extension I or equivalent

PH163.1 General Physics 6 cr pts

PH163 comprises a generalist, one-semester introduction to the discipline for those students with no background in physics. Topics include: philosophy and tools of physics; motion in one and two dimensions; work, energy and momentum; statics; geometrical optics; fluid mechanics; waves and sound; thermal properties of matter; selected topics in dc circuits; and introductory modern physics.

Prerequisite

A Year 12 two-unit Science subject and a Year 12 Mathematics subject or equivalent

PH260.2 Classical and Relativistic Mechanics 6 cr pts*Odd years*

This subject further develops topics in classical and relativistic mechanics that were introduced in PH160. It assumes a much greater knowledge of mathematics and demands much greater conceptual maturity than the 100-level subjects.

Classical Mechanics includes: damped and forced oscillations, wave motion and acoustics, particle and rigid body dynamics, Lagrangian mechanics, and central forces. Relativity includes: time and space distortion, inertial reference frames, mass-energy equivalence, Einstein-Lorentz transforms, Minkowski space-time diagrams and antimatter.

Prerequisites

PH160 Physics IA

Corequisite

MA260 Calculus II

PH261.1 From Quantum to Quark 6 cr pts

This subject further develops topics in modern physics that were introduced in PH161. It assumes much greater familiarity with mathematical tools, and demands much greater conceptual maturity than the 100-level subjects. This subject focuses on introductory quantum mechanics, statistical physics and nuclear physics.

Quantum mechanics includes wave-particle duality, the time-independent Schrödinger equation, the infinite well, the free particle, tunneling, the harmonic oscillator, atomic spectra, quantum numbers, selection rules and the periodic table. Statistical physics includes: macro and microstates, the Boltzmann distribution and statistical systems. Nuclear physics includes: radioactivity, secular equilibrium, dating methods, nuclear models, induced nuclear transformations, reactors and elementary particles.

Prerequisites

PH160 Physics IA

PH161 Physics IB

Corequisite

MA260 Calculus II

PH262.1 Electricity and Magnetism 6 cr pts

This subject advances many topics introduced in PH161. It is a second level treatment of electrostatics, including Gauss' law, the Poisson and Laplace equations, dielectrics, capacitance; electric current including displacement current; magneto-statics, including the Biot-Savart law and

Ampere's circuital law; electromagnetic induction; magnetic materials, including diamagnetism, paramagnetism and ferromagnetism; advanced topics in dc and ac circuit theory, and an introduction to Maxwell's equations.

Prerequisites

PH160 Physics IA

PH161 Physics IB

Corequisite

MA260 Calculus II

PH263.1 Electronics and Data Acquisition 6 cr pts

This subject advances the student's 100-level knowledge of circuit theory, introduces semiconductors and the analogue and digital devices and circuits constructed from them, and concludes with a focus on data acquisition technology. Topics include circuit theory, semiconductors, active linear devices and associated circuits such as oscillators and filters, integrated circuits, digital logic and common digital devices, AD-DA interconversion and communication protocols.

Prerequisite

PH161 Physics IB

PH360.1 Space Physics 6 cr pts

This subject covers standard topics in cosmology, astrophysics and space physics. Cosmology includes astronomical scales and magnitudes, expanding universe, Hubble law and standard cosmological models. Astrophysics includes: stellar life cycle, H-R diagrams, supernovae, visual and radio spectral studies, pulsars and neutron stars, galaxy morphology and formation, dark matter and gravitational lensing. Space physics includes the sun, solar corona, solar wind, earth's magnetosphere, plasmas waves and aurorae. This subject assumes both mathematical facility and a good working knowledge of physical processes.

Prerequisites

PH261 From Quantum to Quark

PH262 Electricity and Magnetism

MA260 Calculus II

PH361.2 Quantum Physics 6 cr pts*Odd years*

This subject covers standard topics in undergraduate quantum physics including the Schrödinger equation and some of its simple solutions such as finite well, harmonic oscillator and hydrogen atom. Dirac notation, Hilbert space, operators, angular momentum and spin, perturbation methods, variational methods, and many electron systems are also discussed. This is the final subject in the area of quantum mechanics. It assumes a much greater facility in mathematics, particularly calculus and perturbation theory, and demands much greater ability with abstract concepts than 200-level subjects.

Prerequisites

PH261 From Quantum to Quark

MA260 Calculus II

PH362.2 Statistical and Condensed Matter Physics 6 cr pts*Even years*

This subject is an advanced unit covering both statistical

physics and an introduction to condensed matter physics. The statistical component introduces the subject with systems of particles, statistical and macroscopic thermodynamics and quantum statistics. Examples are drawn from low temperature, laser, and condensed matter physics. The second component introduces the underlying principles of condensed matter physics, covering topics such as the thermal properties of solids, the free electron gas and electronic band structure.

Prerequisites

PH261 From Quantum to Quark
MA260 Calculus II

PH363.1 Electronics Applications 6 cr pts

This subject advances the student's 100-level knowledge of circuit theory, introduces semiconductors and the analogue and digital devices and circuits constructed from them, and concludes with a focus on data acquisition technology. Topics include: circuit theory, semiconductors, active linear devices and associated circuits such as oscillators and filters, integrated circuits, digital logic and common digital devices, AD-DA interconversion, communication protocols and microcontrollers.

Prerequisite

PH161 Physics IB

PH390.1/2 Seminar in Physics 6 cr pts

Offered, subject to staffing and timetable constraints

This subject is designed to give the student the opportunity to research an area of physics in depth under the supervision of a staff member from the Faculty of Science and Mathematics.

The student should recognise that he/she will need to be self-motivated, organised and willing to research into topics under his/her own initiative. Whilst adequate staff supervision and guidance will be important to student success, the student will need to take responsibility for the development and completion of the task within the time frame allocated. Independent work is encouraged, but regular liaison with the supervisor(s) for guidance and for updates on progress is also required. The topic for investigation will be selected in consultation with the supervising lecturer.

Prerequisite

Satisfactory completion of at least three 200- or 300-level Physics subjects

PP170.1 Professional Development and Experience IA 6 cr pts

This subject provides knowledge and practice of some of the basic tactics of teaching, lesson design and specification of learning outcomes. It involves preservice teachers observing in the classroom, participating in micro-teaching, and preparing for a ten day off-campus professional experience session in the following semester. The role and rights of teachers and pupils will be reviewed. It also emphasises the need to develop a code of ethical

practice so as to implement the professional attributes that are expected of beginning teachers.

PP171.2 Professional Development and Experience IB 6 cr pts

This subject introduces teacher education students to issues underpinning the role of education in contemporary society. Current research into effective teaching will be described in the context of national and international directions in education. This subject also provides knowledge and practice of some of the basic skills used in classroom teaching. The subject involves the student in observation of actual teaching and participation in micro-teaching. This subject is also designed to provide opportunities for career choice testing, with a two week Professional Experience component.

PP180.1 Professional Development and Experience IA (BTch) 6 cr pts

This subject introduces teacher education students to issues underpinning the role of education in contemporary society. It also covers issues dealing with child development. Current research into effective teaching will be described in the context of national and international directions in education. The role and rights of teachers and pupils will be reviewed. This subject also provides knowledge and practice of administration skills needed in small schools. It involves preservice teachers observing in the classroom, participating in micro-teaching, and preparing for a ten day off-campus professional experience session in the following semester.

PP181.1 Professional Development and Experience IB (BTch) 6 cr pts

This subject explores the current nature, purposes, and characteristics of educational assessment in the Australian setting. Dynamic and static conceptions of assessment are reviewed in an attempt to better articulate a range of approaches to assessment, and what it means for a student to be successful. Theoretical perspectives are linked to practical usage in educational environments. This subject also encourages preservice teachers to examine their skills in relation to beginning teaching competencies. A four week professional experience session will be incorporated in this subject to develop skills in teaching, particularly classroom management and instructional planning.

PP270.1 Professional Development and Experience IIA 6 cr pts

This subject explores the current nature, purposes, and characteristics of educational assessment broadly in the Australian setting and more particularly with reference to the NSW Primary Education Sector. Theoretical perspectives are linked to practical usage in educational environments. This subject also encourages beginning teachers to examine and develop their philosophy and skills in teaching practice with particular reference to classroom management. A two-week professional experience session will be incorporated in this subject.

Corequisite

PP170 Professional Development and Experience IA

PP271.2 Professional Development and Experience IIB 6 cr pts

This subject explores the current nature, purposes, and characteristics of educational assessment in the Australian setting. Dynamic and static conceptions of assessment are reviewed in an attempt to better articulate a range of approaches to assessment, and what it means for a student to be successful. Theoretical perspectives are linked to practical usage in educational environments. This subject also encourages preservice teachers to examine their skills in relation to beginning teaching competencies. A three-week professional experience session will be incorporated in this subject to develop skills in teaching, particularly classroom management and instructional planning.

Corequisite

PP171 Professional Development and Experience IB

PP317.1/2 Teaching Project 6 cr pts

This subject involves students in a structured independent minor research project. Students may choose one of three portals into their project. *Portal 1* covers the preparation of a research proposal and the writing of a detailed literature review and analysis of a specific and focussed topic. *Portal 2* covers the preparation of a research proposal and literature review, and the writing of a detailed paper on the implementation and evaluation of a minor school or classroom project. *Portal 3* covers the preparation of a research proposal and literature review, and the writing of a detailed paper on the development and evaluation of a teaching resource. The project is to be selected on the basis of furthering personal and professional understanding of an educational topic and its overall practical and/theoretical usefulness.

Prerequisite

A minimum of one year's teaching experience.

PP370.1 Professional Development and Experience IIIA 6 cr pts

This subject focuses on advanced management and instructional skills in the social environment of the classroom and of the wider school community. The components of the subject include curriculum planning and programming, management and instructional procedures in a multi-level classroom, and the development of a personal discipline philosophy. The subject will include exposure to multi-level teaching situations during an in-semester teaching assignment as well as ten days of professional experience in a selected primary school setting. During the professional experience components students will be expected to implement skills and methodologies covered in this subject, as well as those covered in previous professional development and curriculum studies subjects.

Corequisite

PP270 Professional Development and Experience IIA

PP371.2 Professional Development and Experience IIIB 6 cr pts

This subject focuses on advanced management and instructional skills in the social environment of the classroom and of the wider school community. The components of the subject include practitioner-based research, management and instructional procedures in a multi-level classroom, resource file organisation, and the development of a personal discipline philosophy. A four-week professional experience session will be incorporated into the subject, during which students will be expected to implement skills and methodologies covered in previous professional development and curriculum studies subjects.

Corequisite

PP271 Professional Development and Experience IIB

PP375.1 Professional Development and Experience IVA 6 cr pts

This subject deals with knowledge and understandings, skills, competencies, attitudes and values required by preservice primary teachers to be effective practitioners in the contemporary workplace and essential to the effective functioning of a caring and nurturing primary school community within the context of schools' pastoral care/student welfare policies and programs. Relevant legal issues will also be identified and discussed. One module of this subject will deal with employment opportunities and issues. The beginning two weeks of an extended professional experience component, (two plus six weeks) at a selected primary school, that includes the planning and teaching of two substantial units of work is also included in this subject.

Corequisite

PP370 Professional Development and Experience IIIA

PP376.2 Professional Development and Experience IVB 6 cr pts

This subject deals with knowledge and understandings, skills, competencies, attitudes and values required by preservice primary teachers to be effective practitioners in the contemporary workplace. This subject includes an extended professional experience component of six weeks at a selected primary school followed by a debrief session at Avondale College. Planning and teaching of two significant units of work and the implementation of a practitioner-based research project during this extended Professional Experience time is expected. This subject also deals with employment opportunities and issues.

Prerequisite

PP371 Professional Development and Experience IIIB

PP385.1 Professional Development and Experience IVA (BTch) 6 cr pts

This subject deals with knowledge and understandings, skills, competencies, attitudes and values required by preservice primary teachers to be effective practitioners in the contemporary workplace and essential to the effective functioning of a caring and nurturing primary school community within the context of schools' pastoral care/

student welfare policies and programs. Relevant legal issues will also be identified and discussed. One module of this subject will deal with employment opportunities and issues. The beginning two weeks of an extended professional experience component, (two plus six weeks) at a selected primary school, that includes the planning and teaching of two substantial units of work is also included in this subject.

Corequisite

PP180 Professional Development and Experience IA (BTch)

PP386.2 Professional Development and Experience IVB 6 cr pts

This subject deals with knowledge and understandings, skills, competencies, attitudes and values required by preservice primary teachers to be effective practitioners in the contemporary workplace. This subject includes an extended professional experience component of six weeks at a selected primary school followed by a debrief session at Avondale College. Planning and teaching of two significant units of work during this extended Professional Experience time is expected. Another aspect of this subject will deal with employment opportunities and issues, curriculum planning and programming and computers in learning.

Corequisite

PP181 Professional Development and Experience IB (BTch)

PS119.1 Introductory Psychology and Sociology 6 cr pts

The subject provides an introduction to psychology and sociology. Foundational concepts essential to an understanding of emotions, behaviours and thinking processes of individuals and the social factors influencing the individual's relationship to society is covered.

PS160.2 Developmental and Pastoral Psychology 6 cr pts

This subject examines the psychological theories of human development within the context of a Christian understanding of what it means to be human. The vital impact of early attachment and parenting styles upon the development of personal identity, faith, and the concept of the image of God over the life span are considered. Psychological modes of personality are evaluated from a Christian perspective. Applications of theoretical material are made to pastoral ministry throughout the subject.

PS165 General Psychology 6 cr pts

An introduction to the study of general psychology involving an introduction to research methods and critical thinking, sensation and perception, learning and memory, motivation and emotion, stress and coping, personality, intelligence, mental health and abnormal behaviour, social behaviour and attitudes. The subject is taught in the context of Christian values.

PS219 Maternal, Child and Family Health 6 cr pts

This subject develops the student's knowledge of maternal/child and child/adolescent health. It explores

the development of the person from conception through pregnancy and birth, and the experience of the newborn, infant and child/adolescent years. It also examines the effect on the family unit with a child who has special needs: a congenital, accidental or acquired disease condition.

PS319.1 Health Care of the Ageing Adult 6 cr pts

This subject is designed to develop the student's knowledge of the ageing adult, issues surrounding the health of the older adult, and the care of the older adult in an acute health care, community or home setting.

PS365.2 Marriage and Family Psychology 6 cr pts

This subject examines marriage and family psychology giving particular attention to family systems theory and Christian perspectives. Current research relating to the family life cycle, family influences on adolescent development, attitudes toward religion, and family relationships are considered. Health and dysfunction provide the context for an investigation of systemic approaches to facilitating individual, couple, and family change. Cultural sensitivity is seen as essential to the study of this subject. Students are trained in basic interview skills, pre-marital counselling and appropriate referral.

Prerequisites

PS160 Developmental and Pastoral Psychology

TH270 Ethics, Philosophy and Science in Theological Context

PS366 Pastoral Counselling 6 cr pts

This subject builds on basic counselling skills and applies these to various situations encountered in the pastoral context. Specific counselling skills are practised and examined in various role-play situations. Particular emphasis is given throughout the subject to the counsellor/client interaction and relationship, the development of personal awareness, and personal growth. The ethics relating to the provision of counselling in a pastoral setting are carefully considered and the issues of appropriate referral explored.

RN361.1/2 Independent Topic—Biblical Studies 6 cr pts

Guided reading and research on an issue/s or topic/s in Biblical Studies is undertaken in the subject. It may involve the preparation and submission of one or two papers (totalling 6,000 words) on a specific issue/s or topic/s related to the relevant literature, or a series of reading reports with associated discussion. It could be based on a small research project but is more likely to be an extended essay/s based on library/other sources research.

Prerequisite

Twelve credit points at 200-level Biblical Studies, and credit average

RN395.1/2 Independent Topic—Religious Studies 6 cr pts

Guided reading and research on an issue/s or topic/s in Religious Studies is undertaken in the subject. It may involve the preparation and submission of one or two papers (totalling 6,000 words) on a specific issue/s or topic/s related to the relevant literature, or a series of reading reports with

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associated discussion. It could be based on a small research project but is more likely to be an extended essay/s based on library/other sources research.

Prerequisite

Twelve credit points at 200-level Religion, and credit average

SC147.1 Health Science I 6 cr pts

This subject introduces students to chemical concepts relevant to the nursing/health science context. The emphasis is on the role of biological molecules in body chemistry. The subject also introduces students to the importance of microbiology in understanding disease and the immune system.

SC148.1 Health Science II 6 cr pts

An introduction to basic applied human anatomy and physiology of all body systems. The major anatomical structures and functional relationships of the normal human body and an introduction to basic cytology and the chemistry of life are covered.

SC149.2 Health Science III 6 cr pts

This subject is designed to develop the student's knowledge and understanding of the application to nursing practice and health care of scientific developments. Developments in information and communication technology, diagnostic therapies and pharmaco-therapeutics will be explored to facilitate a knowledge base for clinical practice.

SC162.1/2 Anatomy and Physiology 6 cr pts

Introduction to basic applied human anatomy and physiology of all body systems. This subject also includes an introduction to basic cytology and the chemistry of life.

Prerequisite

Year 12 Biology

SC269.2 Contemporary Health Issues 6 cr pts

This subject focuses on personal and public health and covers core concepts in health, major contemporary health issues, specific disease entities, lifestyle and its modification, physical fitness, health education and running a health program.

Prerequisite

Senior First-Aid Certificate

SC343.1/2 Christian Studies III—Scientific Perspectives in the Modern World 6 cr pts

This subject discusses philosophical, religious and ethical issues arising from both historical and contemporary scientific thought. This course covers such topics as the nature of science, medical and bioethics, ecology and the environment, and science and Christianity, including issues within the origins debate.

SC360 Environmental Values and Ethics 6 cr pts

In the context of the human degradation of the earth's environments and ecosystems, students are introduced to value systems, the definition of obligations, and the establishment of principles for setting values in and duties

to the natural world.

Prerequisites

GE180 Environmental Issues or

BI262 Ecology

SC361.2 Food Industry Experience 6 cr pts

A food industry placement with a written and oral presentation based on the experience. A reflective learning journal is to be submitted. The student is expected to develop a range of workplace laboratory skills and/or computational skills, problem-solving skills, a knowledge of occupational health and safety regulations intrinsic to the specific work assignment, workplace ethics, and personal skills that relate to promoting cooperative teamwork.

SC380.1/2 Work Experience in the Sciences 6 cr pts

A program of work experience suited to the student's major or minor study where the student is expected to develop a range of workplace laboratory skills and/or computational skills, problem-solving skills, a knowledge of occupational health and safety regulations intrinsic to the specific work assignment, workplace ethics, and personal skills that relate to promoting cooperative teamwork.

SP170.1 Professional Development and Experience IA 6 cr pts

This subject introduces teacher education students to issues underpinning the role of education in contemporary society. Current research into effective teaching will be described in the context of national and international directions in education. The roles and rights of teachers and pupils will be reviewed. Students are provided with pedagogical knowledge to enable practice of foundational teaching tactics, lesson planning and instructional design. It involves participation in micro-teaching, and preparing for a ten day off-campus, school-based professional experience session in the following semester.

SP171.2 Professional Development and Experience IB 6 cr pts

This subject examines the attributes of effective teachers. In the light of their recent practice teaching experience, student teachers consider the teacher as a motivator, teaching to learn, communication skills, classroom organisation and management, and their professional roles and responsibilities as teachers.

Prerequisite

SP170 Professional Development and Experience IA

SP180.1 Professional Development and Experience IA (BTch) 6 cr pts

This subject introduces teacher education students to issues underpinning the role of education in contemporary society. Current research into effective teaching will be described in the context of national and international directions in education. The roles and rights of teachers and pupils will be reviewed. Students are provided with pedagogical knowledge to enable practice of foundational teaching tactics, lesson planning and instructional design.

It involves participation in micro-teaching, and preparing for four weeks off-campus, school-based professional experience session in the following semester.

SP181.2 Professional Development and Experience IB (BTch) 6 cr pts

This subject examines the attributes of effective teachers. In the light of their recent practice teaching experience, student teachers consider the teacher as a motivator, teaching to learn, communication skills, classroom organisation and management, and their professional roles and responsibilities as teachers.

Prerequisite

SP180 Professional Development and Experience IA (BTch)

SP270.1 Professional Development and Experience II 6 cr pts

This subject covers two aspects of teacher development: instructional management and assessment and evaluation. The instructional management module includes two inter-related components: management of instruction and management of student behaviour. This module aims first to sensitise students to the dynamics that constitute these two components and second, to assist students to develop personal models of instructional and behavioural management. The assessment and evaluation module explores the current nature, purposes, and characteristics of educational assessment broadly in the Australian setting and more particularly with reference to the NSW Secondary Education Sector. In addition, dynamic and static conceptions of assessment are reviewed in an attempt to better articulate a range of approaches to assessment, and what it means for a student to be successful. At the end of the semester, students are involved in a three week professional experience placement, during which skill acquisition is enhanced through guided self-reflection and feedback from supervising teachers.

Prerequisites

SP170 Professional Development and Experience IA
SP171 Professional Development and Experience IB

SP280.1 Professional Development II (BTch) 6 cr pts

This subject covers two aspects of teacher development: instructional management and assessment and evaluation. The instructional management module includes two inter-related components: management of instruction and management of student behaviour. This module aims first to sensitise students to the dynamics that constitute these two components and second, to assist students to develop personal models of instructional and behavioural management. The assessment and evaluation module explores the current nature, purposes, and characteristics of educational assessment broadly in the Australian setting and more particularly with reference to the NSW Secondary Education sector. In addition, dynamic and static conceptions of assessment are reviewed in an attempt to better articulate a range of approaches to assessment, and what it means for a student to be successful.

SP370.1 Professional Development and Experience III 6 cr pts

This subject explores connections between Australian and international directions in curriculum development and associated educational and pedagogical principles and practices. The theme of teacher as manager of the classroom learning environment is supported through skill development in four inter-related components: management of curriculum, instruction, student behaviour, and social relations. A three week professional experience session will be incorporated in this subject.

Prerequisite

SP270 Professional Development and Experience II

SP375.1 Professional Development and Experience IVA 6 cr pts

This subject deals with knowledge and understandings, skills, competencies, attitudes and values required by preservice secondary teachers to be effective practitioners in the contemporary workplace and essential to the effective functioning of a caring and nurturing secondary school community within the context of schools' pastoral care/student welfare policies and programs. Relevant legal issues will also be identified and discussed. One module of this subject will deal with employment opportunities and issues. The beginning two weeks of an extended professional experience component, (two plus six weeks) at a selected secondary school, that includes the planning and teaching of two substantial units of work is also included in this subject.

Prerequisite

SP370 Professional Development and Experience III

SP376.2 Professional Development and Experience IVB 6 cr pts

This subject deals with knowledge and understandings, skills, competencies, attitudes and values required by preservice secondary teachers to be effective practitioners in the contemporary workplace. This subject includes an extended professional experience component of six weeks at a selected secondary school followed by a debrief session at Avondale College. Planning and teaching of two significant units of work during this extended professional experience time is expected. Another aspect of this subject will deal with employment opportunities and issues.

Prerequisite

SP375 Professional Development and Experience IVA

SP380.1 Professional Development III (BTch) 6 cr pts

This subject explores connections between Australian and international directions in curriculum development and associated educational and pedagogical principles and practices. The theme of teacher as manager of the classroom learning environment is supported through skill development in four inter-related components: management of curriculum, instruction, student behaviour, and social relations.

Prerequisite

SP270 Professional Development and Experience II

SP385.1 Professional Development and Experience IVA (BTch)**6 cr pts**

This subject deals with knowledge and understandings, skills, competencies, attitudes and values required by preservice secondary teachers to be effective practitioners in the contemporary workplace and essential to the effective functioning of a caring and nurturing secondary school community within the context of schools' pastoral care/student welfare policies and programs. Relevant legal issues will also be identified and discussed. One module of this subject will deal with employment opportunities and issues. The beginning two weeks of an extended professional experience component, (two plus six weeks) at a selected secondary school, that includes the planning and teaching of two substantial units of work is also included in this subject.

Prerequisite

SP380 Professional Development II (BTch)

SP386.2 Professional Development and Experience IVB (BTch)**6 cr pts**

This subject deals with knowledge and understandings, skills, competencies, attitudes and values required by preservice secondary teachers to be effective practitioners in the contemporary workplace. This subject includes an extended professional experience component of six weeks at a selected secondary school followed by a debrief session at Avondale College. Planning and teaching of two significant units of work during this extended professional experience time is expected. Another aspect of this subject will deal with employment opportunities and issues.

Prerequisites

SP385 Professional Development and Experience IVA or SP333

TH161.1 Introduction to Theology**6 cr pts**

This subject aims to present the essence of the Christian faith in an Adventist context. Certain key elements of Christian belief are examined. Emphasis is placed on the practicality of the Christian proclamation and the place of Adventism within the broader Christian tradition.

TH270.2 Ethics, Philosophy, and Science in a Theological Context**6 cr pts**

This subject provides a survey of issues in the philosophy of religion, Christian apologetics, and an introduction to Christian ethics. In addition, it also discusses historical, philosophical, and ethical issues arising from the interface of science with religion.

TH360.1 Systematic Theology A**6 cr pts**

As an in-depth study of the underlying principles of Christian theology, this subject covers the following areas: revelation and inspiration, anthropology and salvation. These doctrines are examined in regard to their Biblical foundations, historical expressions, and practical and social implications.

Prerequisite

Six credit points of Theology subjects at 200 level

TH361.2 Systematic Theology B**6 cr pts**

As an in-depth study of the underlying principles of Christian theology, this BA (Theology) subject covers the following areas: doctrine of law and Sabbath, eschatology, and contemporary theological issues. These doctrines are examined in regard to their Biblical foundations, historical expressions, and practical and social implications.

Prerequisite

Six credit points of Theology subjects at 200 level

TH362.2 Comparative Religions**6 cr pts**

This subject examines in some detail the historical roots, beliefs, practices, cultural influences and contemporary diversity in the following living faiths: Hinduism, Buddhism, Judaism, Islam, and indigenous religions in Australia and New Zealand.

Prerequisites

CR143 Christian Studies I

and at least one subject from the BS, OT, NT or TH strands at 200-level

TH363 Contemporary Issues in Science and Bioethics**6 cr pts**

This subject discusses the historical, philosophical, contemporary and ethical issues arising from or pertinent to modern scientific thought. It covers such topics as: the nature of science, medical and biological ethics, ecology and the environment, and science and religion including issues within the origins debate.

TH371.2 Historical Theology—Modern Period**6 cr pts**

This subject comprises a study of the history of theology from the Reformation to the present. Attention is given to Christology, the doctrine of the atonement, soteriology, the interpretation of Scripture and eschatology; particularly as they are illustrated in the thoughts of Wesley, early Adventism, and nineteenth and twentieth century theologians. The subject concludes with a discussion of contemporary trends and how to anticipate and adapt to them.

Prerequisite

Six credit points of Theology subjects at 200-level

VC120.1 Painting and Drawing I**6 cr pts**

Creativity and expression of ideas are fostered by a network of formal and conceptual procedures, using a multiplicity of painting and drawing mediums.

Practical work is informed and afforded conceptual strength and meaning through an introductory critical study of the history of modern painting and drawing, considering the historical events that shaped the art of the times and the subsequent developments which have determined contemporary concepts and practice.

VC123.2 Photography and Sculpture**6 cr pts**

There are two modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1: Photography is investigated as an expressive form of visual arts and graphic design practice. Special

emphasis is given to pre- and post-camera manipulation as a means of exploring ideas, themes and issues through black and white photography.

Module 2: Sculpture is an investigation of conventions and techniques associated with aerated concrete carving and lost wax investment casting. Themes and subject matter will be determined by the student in consultation with the lecturer.

NOTE: Mutually exclusive with VC142 Photography and 3D Studies

VC130.1 3D Studies 6 cr pts

Students investigate and employ orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of mixed-media assemblage and ceramics.

NOTE: Mutually exclusive with VC142 Photography and 3D Studies

VC140.1 Design Principles and Practice 6 cr pts

An introductory subject exploring visual communication through hands-on, conceptually-based design tasks which encourage personal and innovative graphic solutions. The traditional elements and principles of design are investigated through the study of historical and contemporary design trends, practices and practitioners while lateral thinking processes and techniques are utilised to assist with creative problem-solving strategies.

VC141.1 Computer Generated Design 6 cr pts

Students explore, develop and resolve technical and aesthetic graphic design concepts in a computer-based environment. The subject also includes video editing.

VC142.2 Photography and 3D Studies 6 cr pts

There are two modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1: Photography is investigated as an expressive form of visual art and graphic design practice. Special emphasis is given to pre- and post-camera manipulation as a means of exploring ideas, themes and issues through black and white photography.

Module 2: 3D Studies investigates and employs orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of mixed-media assemblage or ceramics.

NOTE: Incompatible with VC130 3D Studies and VC123 Photography and Sculpture

VC190.1 Photography and Painting 6 cr pts

There are two Modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1: Photography—Photography is investigated as an expressive form of visual arts and graphic design practice. Special emphasis is given to pre- and post-camera

manipulation as a means of exploring ideas, themes and issues through black and white photography.

Module 2: Painting—Creativity and expression of ideas are fostered by a network of formal and conceptual procedures, using a multiplicity of painting and drawing mediums.

VC191.1 Ceramics and Painting 6 cr pts

There are two Modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1: Ceramics—Students investigate and employ orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of ceramics.

Module 2: Painting—Creativity and expression of ideas are fostered by a network of formal and conceptual procedures, using a multiplicity of painting and drawing mediums.

VC192.1 Sculpture and Painting 6 cr pts

There are two modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1: Sculpture—Students investigate and employ orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of lost wax casting practice.

Module 2: Painting—Creativity and expression of ideas are fostered by a network of formal and conceptual procedures, using a multiplicity of painting and drawing mediums.

VC193.1 Photography and Sculpture 6 cr pts

There are two Modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1: Photography—Photography is investigated as an expressive form of visual arts and graphic design practice. Special emphasis is given to pre- and post-camera manipulation as a means of exploring ideas, themes and issues through black and white photography.

Module 2: Sculpture—Students investigate and employ orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of lost wax investment casting.

VC194.2 Life Drawing and Assemblage 6 cr pts

There are two modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1: Life Drawing—Ideas and concepts are investigated through a network of drawing and painting mediums and procedures. Particular focus is given to the human figure as subject matter.

Module 2: Assemblage—Students investigate and employ

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orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of mixed-media assemblage.

VC195.2 Life Drawing and Ceramics 6 cr pts

There are two modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1 Life Drawing—Ideas and concepts are investigated through a network of drawing and painting mediums and procedures. Particular focus is given to the human figure as subject matter.

Module 2 Ceramics—Students investigate and employ orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of ceramic practice.

VC196.2 Life Drawing and Photography 6 cr pts

There are two Modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1: Life Drawing—Ideas and concepts are investigated through a network of drawing and painting mediums and procedures. Particular focus is given to the human figure as subject matter.

Module 2 Photography—Photography is investigated as an expressive form of visual arts and graphic design practice. Special emphasis is given to pre- and post- camera manipulation as a means of exploring ideas, themes and issues through black and white photography.

VC197.2 Ceramics and Assemblage 6 cr pts

There are two Modules in this subject of equal weighting. Both must be passed in order to be awarded a successful grade in this subject.

Module 1 Ceramics—Students investigate and employ orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of ceramics.

Module 2 Assemblage—Students investigate and employ orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of mixed-media assemblage.

VC199.1/2 Ceramics 6 cr pts

Students investigate and employ orientations and techniques associated with contemporary three-dimensional art and design practices. Special emphasis is given to the convention of ceramic practice.

VC210.2 Studio I 6 cr pts

This studio subject is designed to extend the student's aesthetic awareness and technical skills through a chosen medium. Students may embrace traditional or digital media. Particular emphasis will be given to conceptual and

technical quality and methods of presentation.

VC220.2 Painting and Drawing II 6 cr pts

Ideas and concepts are investigated through a network of drawing and painting mediums and procedures. Particular focus is given to the human figure as subject matter. Material practice is informed through critical appreciation and historical investigation.

The portrayal of the human form is used as a vehicle in the investigation of issues that have troubled, excited and motivated artists within their own cultural and historical context and is related to contemporary practice.

VC221.1 Photography II 6 cr pts

Alternative process colour and black and white techniques are used to explore photography both as an expressive form and as a traditional means of social commentary. Digital photography and creative image manipulation skills are developed through computer 'darkroom' techniques and software programs.

Prerequisites

CC264.2 Photo-Journalism *or*

VC123.2 Photography and Sculpture *or*

VC142.2 Photography and 3D Studies

VC230.2 Advanced Ceramics 6 cr pts

Further development of the student's perceptual, conceptual and evaluative skills and understanding of the field of ceramics. An advanced technical knowledge and ability to enable an innovative but safe exploration of the medium.

Prerequisite

VC130 3D Studies

VC243.2 Publication Design I 6 cr pts

An exploration of the theory and practice in the design and production of print publications. Includes an exploration of typography through analysis and experimentation; the role of type in communication and design and the evolution of the printing process from traditional to digital technologies.

Prerequisite:

VC141.2 Computer Generated Design

VC244.1 Publication Design II 6 cr pts

Advanced theory and practice in the design and production of print publications.

Prerequisite:

VC243.2 Publication Design I

VC242.2 Commercial Graphic Design Practice 6 cr pts

The necessary advanced professional and technical skills for successful Commercial Graphic Design Practice are examined through on-site visits to, observation at, and reporting on, a broad spectrum of practitioners in various fields of Graphic Design.

Prerequisites

VC140.1 Design Principles and Practice

VC141.1 Computer Generated Design

VC243.2 Publication Design I

VC300.2 Aesthetics, Ethics and Issues 6 cr pts

This subject is designed to assist students to critically examine the idea of the changing aesthetic within cultural, subjective, structural and post-modern frames. It explores, through an examination of historical and contemporary thought and art practice, the traditions, ideas and philosophies which establish the imagination. It aims to give the student an informed and sound basis on which, as individuals, they consider values and ethical issues pertaining to the production of creative work.

VC310.1 Studio II 6 cr pts

This is a self-directed studio and research subject designed to extend the student's aesthetic awareness and technical skills through a chosen medium. Particular emphasis is given to definitive research, conceptual, critical and technical qualities, and methods of presentation.

Prerequisites:

24 credit points of Visual Arts

Corequisite

VC311 Studio Practice and Research B

VC311 Studio and Research 6 cr pts

This is a self-directed studio and research unit designed to extend the student's aesthetic awareness and technical skills through a chosen medium. Particular emphasis is given to definitive research, conceptual, critical and technical qualities, and methods of presentation.

Prerequisites:

24 credit points of Visual Arts

Corequisite

VC311 Studio Practice and Research B

VC312.1/2 Studio III 6 cr pts

This subject is designed to extend the student's aesthetic awareness and technical skills through a chosen medium. Particular emphasis is given to conceptual, critical and technical qualities, and methods of presentation with a view to the organisation, promotion and function of the student's own graduation exhibition.

Prerequisites:

VC310 Studio II

VC311 Studio and Research

Corequisite

VC313 Studio Exhibition

VC313.2 Studio and Exhibition 6 cr pts

This subject is designed to extend the student's aesthetic awareness and technical skills through a chosen medium. Particular emphasis is given to conceptual, critical and technical qualities, and methods of presentation with a view to the organisation, promotion and function of the student's own graduation exhibition.

Prerequisites:

VC310 Studio II

VC311 Studio and Research

Corequisite

VC313 Studio Practice and Exhibition

VC314.1 Design Studio I 6 cr pts

Practical work in a design studio environment to experience a mix of project work from internal and external clients; and an in-depth application of the design process from brief to press-ready artwork or intended output format.

Prerequisites

VC242.2 Commercial Graphic Design Practice

VC243.2 Publication Design I

VC244.1 Publication Design II

VC318.2 Multimedia

Corequisite

VC315 Design Studio II

VC315.1 Design Studio II 6 cr pts

Practical work in a design studio environment to experience a mix of project work from internal and external clients; and an in-depth application of the design process from brief to press-ready artwork or intended output format.

Prerequisites

VC242.2 Commercial Graphic Design Practice

VC243.2 Publication Design I

VC244.1 Publication Design II

VC318.2 Multimedia

Corequisite

VC314 Design Studio I

VC316.2 Design Studio III 6 cr pts

Continued practical work in a design studio environment to refine the student's experience of the day to day issues of running a design-based business and the discipline required in maintaining a professional level of design and quality product.

Prerequisite

VC314 Design Studio I

VC315 Design Studio II

Corequisite

VC317 Design Studio IV

VC317.2 Design Studio IV 6 cr pts

Continued practical work in a design studio environment to refine the student's experience of the day-to-day issues of running a design-based business and the discipline required in maintaining a professional level of design and quality product.

Prerequisites

VC314 Design Studio I

VC315 Design Studio II

Corequisite

VC316 Design Studio III

VC318.2 Multimedia Design 6 cr pts

An examination of the graphic designer's role in screen-based visual communication in the new media, multimedia and web design. An investigation and development of the aesthetic and skill components in designing on screen. Case studies, analysis and studio skills will provide an understanding of graphic design and its application in this area.

Prerequisite

VC141 Computer Generated Design

VC320.1 Painting and Drawing III **6 cr pts**

Ideas and concepts are investigated and given personal visual expression through network painting and drawing procedures. Emphasis is given to structural and subjective frames. Practical work is informed by study of selected developments in indigenous and non-indigenous Australian Art from its early beginnings to contemporary practice. Artworks are evaluated using art criticism and art history to contextualise various Australian art forms.

Prerequisites

VC120.1 Painting and Drawing I

VC220.2 Painting and Drawing II

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