

# Faculty of Education and Science

The Faculty of Education and Science commenced operation in 2011. The School of Education and the School of Science and Mathematics operate as a single Academic Organisational Unit (AOU).

The Bachelor of Education and the suite of pre-service teacher education degrees form the main focus of the courses offered by the Faculty of Education and Science. Research in the new faculty is conducted primarily on trans-disciplinary topics in the broad fields of Education, Teacher education and Science education.

Academic staff of the new faculty make substantial contributions to community engagement in the fields of service learning, indigenous education, online learning, Christian Education and English Curriculum.

## Dean

Dr Peter Beamish

BEd(Sc) Avondale, MEdSt Ncle, PhD Ncle

The Faculty of Education and Science offers the following degrees:

## Early Childhood degrees

Bachelor of Education (Early Childhood)

Bachelor of Education (Early Childhood) (Honours)

## Primary Education degrees

Bachelor of Education (Primary)

Bachelor of Education (Primary) (Honours)

Associate Degree of Classroom Support (Primary)

## Secondary Education degrees

Bachelor of Education (Secondary)

Bachelor of Education (Secondary) (Honours)

Bachelor of Arts/Bachelor of Teaching

Bachelor of Arts/Bachelor of Teaching (Honours)

Bachelor of Business/Bachelor of Teaching

Bachelor of Business/Bachelor of Teaching (Honours)

Bachelor of Science/Bachelor of Teaching

Bachelor of Science/Bachelor of Teaching (Honours)

## Graduate Entry Primary and Secondary degrees

Bachelor of Teaching (Primary)

Bachelor of Teaching (Primary) (Honours)

Bachelor of Teaching (Secondary)

Bachelor of Teaching (Secondary) (Honours)

The Faculty also offers the postgraduate degrees Master of Education, Master of Education (Research), Master of Education (Honours) (see the Avondale Postgraduate Handbook 2010-2011).

## Bachelor of Science

# School of Education

The School of Education offers an extensive range of initial teacher education degrees that prepare graduates to work as teachers in early childhood facilities, primary and secondary schools. Students preparing to become secondary teachers may undertake a wide range of discipline-specific content in areas such as music, history, geography, physical education, home economics, visual arts, science, outdoor education, accounting, and information technology. In conjunction with other faculties, the Faculty also offers the combined degrees Bachelor of Arts/Bachelor of Teaching, Bachelor of Business/Bachelor of Teaching, and Bachelor of Science/Bachelor of Teaching.

The Bachelor of Education courses in Early Childhood Education, Primary Education and Secondary Education are four-year degrees that prepare graduates to work as teachers in childcare facilities and schools in all states of Australia and New Zealand. The Bachelor of Teaching courses in Primary Education and Secondary Education are two-year, initial preparation degrees that are available to candidates who already hold a degree. The NSW Institute of Teachers endorses all the Bachelor of Education and Bachelor of Teaching single and combined degrees. Students study a set of core education units and undertake extended periods of professional experience in school settings arranged for them throughout Australia. Both the theoretical and practical experiences provide students with a sound professional knowledge-base and practical experience for the career of teaching. At the midpoint of their degree, suitably qualified candidates may elect to transfer to the Honours program

The School of Education at Avondale specialises in preparing graduates for the Seventh-day Adventist school system, the Australian Christian Schools sector, as well as for Australian public schools.

## Consultancy Group

### Avondale Centre for the Enhancement of Learning and Teaching (ACELT)

*Director of Centre*

Dr Cedric Greive  
BSc NSW, DipEd Ncle TC, MEdStud Ncle, MEd Ncle, PhD Curtin

*Associate Director*

Dr Peter Beamish  
BEd(Sc) Avondale, MEdSt Ncle, PhD Ncle

## Staff

### Head of School

Dr Peter Kilgour  
BA Macquarie, DipEd, GDipEdAdmin, MEd Deakin, MathsEdD Curtin

### Associate Professor

A/Prof Philip Fitzsimmons  
PhD (UoW), MEd(Hons) (UoW), MStudsEd (UoW), BEd (UoW), DipTeach (Wollongong Teachers College)

### Senior Lecturers

Dr Peter Beamish  
BEd(Sc) Avondale, MEdSt Ncle, PhD Ncle  
*Computer Education*

Dr Cedric Greive  
BSc NSW, DipEd Ncle TC, MEdStud Ncle, MEd Ncle, PhD Curtin  
*Science Education*

Barbara Fisher  
DipTch (Primary) Avondale, BS Andrews, MA Andrews, GradDipEdStud UNE  
*Literacy Education*

Dr Peter Kilgour  
BA Macquarie, DipEd, GDipEdAdmin, MEd Deakin, MathsEdD Curtin  
*Secondary Education*

Dr Andrew Matthes  
DipTch (Primary) Avondale, BEd (Primary) Avondale, MEd (Lship and Mgmt) Ncle  
*Pedagogy, Administration and Creative Arts*

Dr P Wayne Miller  
DipTch Avondale, BEd Avondale, MHMS UQ, Dip TAS Avondale, PhD Wollongong  
*Health and Physical Education/Outdoor Education*

Dr Darren Morton  
BEd Ballarat, MAppSc(Human Movement) Ballarat, PhD Ncle  
*Health and Exercise Science*

Dr Maria Northcote  
PhD (ECU), MEd(Multimedia Technologies) (ECU), BEd (WCAE), DipTeach (Catholic College of Education Sydney)

Dr Robyn E Pearce  
DipSc Avondale, BSc(Hons) Lond, DipNutrDiet Syd, BA(Consumer Affairs) Riverina CAE, PhD Ncle  
*Home Economics/Design and Technology/Technology and Applied Studies*

Dr Marion Shields  
CT Avondale, CertSpecEd UQ, BEdSt UQ, GradDipEdAdmin BCAE, MEdSt UQ, EdD Flinders  
*Special Education*

### Lecturers

Elva Fitzgibbon

DipTeach (Primary) Canterbury, BAEd, GradDipSpecialEd Ncle, MEd (Early Childhood) Ncle, MEd (Early Childhood) (Research) Ncle

*Early Childhood*

Beverly Christian

DipTch (Primary) Avondale, BEd (Primary) Avondale, MEd(Hons) Avondale

*Curriculum Development and Pedagogy*

Gail Clark

DipTch (Primary) Avondale, BEd (Primary) Avondale, BPsyc (Hons) Ncle

*Education*

Wendi Herman

BS PUC, MS CalPoly

*Health and Physical Education*

Jason Hinze

BEd (Secondary) Avondale, MLM(Ed) Ncle

*Secondary Education Course Convenor*

David Low

BEd Avondale, GradDip Griffith, MA(Hons) Griffith

*Outdoor Recreation/Outdoor Education*

Sandra Ludlow

DipTch (Primary) Avondale, BEd (Primary) Avondale, BEd (Early Childhood) SCAE, MEd (Early Childhood) Macq

*Early Childhood*

Kristin Thompson

BS SMC, MA(EdPsy) Andrews, MCouns UNE

*Early Childhood, Counsellor*

### Honorary Senior Research Fellow

Dr Merle Cozens

TCert Avondale, DipTch (Primary) Ncle, BEdSt Ncle, PhD Ncle

*Literacy Education*

### English Language Proficiency Requirement for Teachers in NSW

International students require an International English Language Test Score (IELTS) of at least 8.0 for speaking and listening prior to being employed as graduate teachers in New South Wales

### Aims of the Education courses

Avondale's courses in teacher education aim to give the student:

- an introduction to the theoretical aspects of education
- an acquaintance with the practices and processes of teaching the various areas of the school curriculum
- classroom experience to reach a sufficient level of teacher skill and confidence to conduct his/her own classroom
- in-depth study at the tertiary level in units that will serve as teaching fields or areas of individual development
- a personal commitment to the purposes and practices of Christian education
- a recognised qualification for entry into the teaching profession and fields of specialty that may be developed by experience and/or further study.

While allowing for the unique expression of individual personality and respecting the right of individuals to free choice, Avondale is committed to developing Christian ethics and values in its teacher education graduates.

### State Registration requirements

Endorsement of Avondale's Teacher Education courses by the New South Wales Institute of teachers qualifies graduates of the courses for employment as teachers in the NSW State public system. Other Australian State governments have different requirements for teachers to become registered to teach in State schools, but normally registration in one State is considered as meeting the requirements for other States. Information concerning certification requirements is available from the Head of School. Students are advised to familiarise themselves with these requirements as responsibility for registration as a teacher rests with the students. This is particularly important for secondary education students.

### Self-disclosure and criminal records check

Current legislation requires Avondale students who will be engaged in professional experience involving children or young people to sign a self-disclosure form (Prohibited Persons Declaration) and consent to a criminal records check. All Avondale teacher education students are required to undergo these checks.

### Honours degrees in Education

Honours degrees in Education are available in all the undergraduate education degrees except the graduate entry Bachelor of Teaching courses. Further details are shown later in this Education degrees section.

## Bachelor of Education (Early Childhood)

Course code: 4795

Course Convenor: Ms Sandra Ludlow

The Bachelor of Education (Early Childhood) degree is designed to prepare Early Childhood teachers to work with children aged from birth through to eight years. Graduates are qualified to teach in the Seventh-day Adventist Church school system both in Australia and overseas, as well as in the wider educational sector of government and non-government schools and in a diverse range of early childhood settings, including pre-schools, K–2 primary classrooms and long day-care centres. The honours option allows selected students to complete a program in research methodology and conduct their own research under supervision. Furthermore, this program enhances the efforts of high potential students to influence professional practice through research and facilitates access for students to proceed to research-based studies at Masters or Doctoral level.

### Duration

BEd(Early Childhood) Four years full-time or equivalent part-time (8 semesters)  
BEd(Early Childhood) (Honours) – (9 semesters)

### Credit points

BEd(Early Childhood) 192 credit points  
BEd(Early Childhood) (Hons) 216 credit points

### Mode of delivery

On campus, and  
Distance education

### Abbreviation of course title

BEd(Early Childhood)  
BEd(Early Childhood) (Hons)

### Accreditation

The degree is accredited by the NSW Department of Education and Training, the NSW Department of Children's Services, and the NSW Institute of Teachers.

### Entry requirements

The general entry requirements for Avondale degree courses are stated in the Academic Policies section of this Handbook.

### Course structure

The Bachelor of Education (Early Childhood) is an integrated course of 192 credit points normally spread over four years

of full-time study, or the equivalent part-time. The course requirements include 140 days of professional experience between semesters in February and July of each year. The course is comprised of Christian Studies units, curriculum studies, education studies, and professional development and experience related to the primary school context.

The Bachelor of Education (Early Childhood) (Honours) is an integrated course of 216 credit points normally spread over four and one half years of full-time study, or the equivalent part-time. The course requirements include 140 days of professional experience between the semesters in February and July of each year. The course is comprised of Christian studies units, curriculum studies, education studies and professional development and experience related to the early childhood context.

### Christian Studies units

These units address the religious, ethical and social value emphases of Avondale's philosophy of education derived from its Seventh-day Adventist faith tradition.

In the education degrees the sequence is:

EDUC14300 Christian Studies for Teachers I  
EDUC24300 Christian Studies II\* #  
EDUC34300 Christian Studies III—Philosophy of Christian Education

\*Students may select the following alternative to EDUC24300  
THCH16500 SDA History and Ministry of Ellen White

The following alternatives to EDUC24300 are also available:

BBNT16000 Gospels A  
BBNT17000 New Testament Epistles A  
ENGL21000 The Bible as Literature  
THWR36400 World Religions

Alternatively, students may substitute an approved unit from the School of Ministry and Theology for EDUC24300.

### Curriculum Studies units

These units are designed to provide students with an understanding of the practices and processes of teaching the early childhood curriculum. The units present the early childhood curriculum as an integrated and emergent curriculum, while focussing on the theory and practice of specific key learning areas.

EDCE11000 Integrated and Emergent Curriculum: Science and Technology  
EDCE12000 Integrated and Emergent Curriculum: The Arts I  
EDCE21500 Integrated and Emergent Curriculum: Numeracy and Technology  
EDCE22000 Integrated and Emergent Curriculum: The Arts II  
EDCE23000 Integrated and Emergent Curriculum: Multiple Literacies  
EDCE24000 Integrated and Emergent Curriculum: PDHPE

EDCE25000	Integrated and Emergent Curriculum: Bible and HSIE
EDCP22500	Curriculum Studies—English I
EDCP23000	Curriculum Studies—Physical Education
EDCP28500	Curriculum Studies—Human Society and its Environment I
EDCP28800	Curriculum Studies—Science and Technology I
EDCP29800	Curriculum Studies—Mathematics I

### Education units

The education units provide theoretical and practical perspectives contributing to the development of attributes of caring, competence, commitment, critical-reflective skills and Christian values.

EDUC13500	Child Development I
EDUC15600	Literacy in Education
EDUC15800	Literacy and Numeracy for Teachers
EDUC21900	ICT, Learning and Numeracy
EDUC22100	Children with Special Needs
EDUC23500	Child Development II
EDUC29500	Multicultural Education and Indigenous Studies
EDUC37400	Planning, Assessment and Evaluation
EDUC38300	Leadership and Advocacy

### Professional Development and Experience units

These units address the teaching strategies, skills and practices involved in teaching in an early childhood setting. They provide opportunities for the application of strategies, skills and practices during continuous professional experience field placements within a variety of early childhood settings, for periods of two to five weeks at a time.

EDEP10000	Professional Development and Experience IA
EDEP10100	Professional Development and Experience IB
EDEP20000	Professional Development and Experience IIA
EDEP20100	Professional Development and Experience IIB
EDEP30000	Professional Development and Experience IIIA
EDEP30100	Professional Development and Experience IIIB
EDEP35000	Professional Development and Experience IVA
EDEP35100	Professional Development and Experience IVB

### Summary of minimum requirements in the BEd (Early Childhood) degree

Component of course	Credit points
Christian Studies units	18
Curriculum Studies units	72
Education units	54
Professional development and experience units	48
<b>TOTALS</b>	<b>192</b>

<b>Bachelor of Education (Early Childhood)</b> 192 Credit Points*				
Sem				
1	EDCP29800 Curriculum Studies— Mathematics I	EDUC15600 Literacy in Education	EDUC15800 Literacy and Numeracy for Teachers	EDEP10000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks) 3–5 year olds</b>				
2	EDUC13500 Child Development I	EDCP28800 Curriculum Studies—Science and Technology I	EDUC14300 Christian Studies for Teachers I	EDEP10100 Professional Development and Experience IB
<b>Professional Experience (February, 2 weeks) 5–8 year olds</b>				
3	EDCE21500 Integrated and Emergent Curriculum: Numeracy and Technology	EDCP23000 Curriculum Studies— Physical Education	EDUC24300 Christian Studies II	EDEP20000 Professional Development and Experience IIA
<b>Professional Experience (July, 4 weeks) 0–3 year olds</b>				
4	EDCE23000 Integrated and Emergent Curriculum: Multiple Literacies	EDCE12000 Integrated and Emergent Curriculum: The Arts I	EDUC29500 Multicultural Education and Indigenous Studies	EDEP20100 Professional Development and Experience IIB
<b>Professional Experience (February, 4 weeks) 3–5 year olds</b>				
5	EDCE24000 Integrated and Emergent Curriculum: PDHPE	EDCP22500 Curriculum Studies— English I	EDUC23500 Child Development II	EDEP30000 Professional Development and Experience IIIA
<b>Professional Experience (July, 5 weeks) Kindergarten–Year 2</b>				
6	EDUC38300 Leadership and Advocacy	EDCE22000 Integrated and Emergent Curriculum: The Arts II	EDUC37400 Planning, Assessment and Evaluation	EDEP30100 Professional Development and Experience IIIB
<b>Professional Experience (February, 4 weeks) 0–5 year olds</b>				
7	EDUC22100 Children with Special Needs	EDCE25000 Integrated and Emergent Curriculum: Bible and HSIE	EDUC21900 ICT, Learning & Numeracy	EDEP35000 Professional Development and Experience IVA
<b>Professional Experience (July–August, 5 weeks) Kindergarten–Year 2</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDCP28600 Curriculum Studies— Human Society and its Environment II	EDCE11000 Integrated and Emergent Curriculum: Science and Technology	EDEP35100 Professional Development and Experience IVB

## Bachelor of Education (Early Childhood) (Honours)

216 Credit Points\*

Sem				
1	EDCP29800 Curriculum Studies — Mathematics I	EDUC15600 Literacy in Education	EDUC15800 Literacy and Numeracy for Teachers	EDEP10000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks) 3–5 year olds</b>				
2	EDUC13500 Child Development I	EDCP28800 Curriculum Studies—Science and Technology I	EDUC14300 Christian Studies for Teachers I	EDEP10100 Professional Development and Experience IB
<b>Professional Experience (February, 2 weeks) 5–8 year olds</b>				
3	EDCE21500 Integrated and Emergent Curriculum: Numeracy and Technology	EDCP23000 Curriculum Studies— Physical Education	EDUC24300 Christian Studies II	EDEP20000 Professional Development and Experience IIA
<b>Professional Experience (July, 4 weeks) 0–3 year olds</b>				
4	EDCE23000 Integrated and Emergent Curriculum: Multiple Literacies	EDCE12000 Integrated and Emergent Curriculum: The Arts I	EDUC29500 Multicultural Education and Indigenous Studies	EDEP20100 Professional Development and Experience IIB
<b>Professional Experience (February, 4 weeks) 3–5 year olds</b>				
5	EDUC4200 Research Methods I	EDCP22500 Curriculum Studies— English I	EDUC23500 Child Development II	EDEP30000 Professional Development and Experience IIIA
<b>Professional Experience (July, 5 weeks) Kindergarten–Year 2</b>				
6	EDUC42100 Research Methods II	EDCE22000 Integrated and Emergent Curriculum: The Arts II	EDUC37400 Planning, Assessment and Evaluation	EDEP30100 Professional Development and Experience IIIB
<b>Professional Experience (February, 4 weeks) 0–5 year olds</b>				
7	Research Project IA	EDCE25000 Integrated and Emergent Curriculum: Bible and HSIE	EDUC21900 ICT, Learning & Numeracy	EDEP35000 Professional Development and Experience IVA
<b>Professional Experience (July–August, 5 weeks) Kindergarten–Year 2</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDCP28600 Curriculum Studies— Human Society and its Environment II	EDCE11000 Integrated and Emergent Curriculum: Science and Technology	EDEP35100 Professional Development and Experience IVB
9	EDUC21900 ICT, Learning & Numeracy	EDCE25000 Integrated and Emergent Curriculum: Bible and HSIE	EDUC34300 Philosophy of Christian Education (distance mode)	EDUC423 Research Project IB

## Bachelor of Education (Primary)

Course code: 4792

Course Convenor: Dr Andrew Matthes

The Bachelor of Education (Primary) degree is designed to prepare primary teacher graduates to competently teach the entire range of K–6/7 key learning areas (KLAs). Graduates are qualified to teach in the Seventh-day Adventist Church school system both in Australia and overseas, as well as in the wider educational sector of government and non-government schools. The honours option allows selected students to complete a program in research methodology and conduct their own research under supervision. Furthermore, this program enhances the efforts of high potential students to influence professional practice through research and facilitates access for students to proceed to research-based studies at Masters or Doctoral level.

### Duration

Four years full-time or equivalent part-time

### Credit points

BEd(Prim) 192 credit points

BEd(Prim)(Hons) 192 credit points

AssocDeg Classroom Support(Prim) 96 credit points

### Mode of delivery

On campus

### Abbreviation of course title

BEd (Primary)

BEd (Primary) (Honours)

AssocDeg Classroom Support (Primary)

### Accreditation

The degrees are accredited by the NSW Department of Education and Training, and the Institute of Teachers

### Entry requirements

#### General Entry to 4yr BEd(Prim)

The general entry requirements for Avondale degree courses are stated in the Academic Policies section of this Handbook.

#### Special entry for 3-year qualified teachers

The option exists for practising teachers who have completed a three-year initial preparation degree/diploma to apply for advanced standing in the Bachelor of Education (Primary). If approved the practising teachers may complete eight additional units plus ongoing teaching experience and be

awarded the Bachelor of Education (Primary). The units are all available in distance mode making it possible for teachers in the field to upgrade their qualification from a three-year qualification to a four-year qualification without interruption to their current employment or family responsibilities.

### Course structure

The Bachelor of Education (Primary) is an integrated course of 192 credit points normally spread over four years of full-time study. The course requirements include 100 days of professional experience between semesters in February and July of each year. The course is comprised of Christian Studies, Discipline electives, curriculum studies, education studies, and professional development and experience.

### Christian Studies units

These units address the religious, ethical and social value emphases of Avondale's philosophy of education derived from its Seventh-day Adventist faith tradition.

In the education degrees the sequence is:

EDUC14300 Christian Studies for Teachers I

EDUC24300 Christian Studies II #

EDUC34300 Christian Studies III—Philosophy of Christian Education

# All students may substitute an approved unit from the School of Theology for EDUC24300. Such units include:

BBNT16000 Gospels A

BBNT17000 New Testament Epistles A

ENGL21000 The Bible as Literature

THCH16500 SDA History and Ministry of Ellen White

THWR36400 World Religions

### Curriculum studies units

Curriculum studies focus on content and methods of teaching for the key learning areas of the primary school curriculum. Students are familiarised with both NSW State and Seventh-day Adventist syllabus documents with the intention that they should be prepared to teach effectively in either government, independent, or church-related schools.

EDCP21500 Curriculum Studies—Creative Arts I

EDCP21600 Curriculum Studies—Creative Arts II

EDCP22500 Curriculum Studies—English I

EDCP22600 Curriculum Studies—English II

EDCP23000 Curriculum Studies—Physical Education

EDCP23100 Curriculum Studies—Personal Development and Health

EDCP27000 Curriculum Studies—Religion

EDCP28500 Curriculum Studies—Human Society and its Environment I

EDCP28600 Curriculum Studies—Human Society and its Environment II

EDCP28800 Curriculum Studies—Science and Technology I

EDCP28900	Curriculum Studies—Science and Technology II
EDCP29800	Curriculum Studies—Mathematics I
EDCP29900	Curriculum Studies—Mathematics II

### Education units

Education units provide a theoretical base to the teaching/learning process.

EDUC15600	Literacy in Education
EDUC15800	Literacy and Numeracy for Teachers
EDUC21900	ICT, Learning and Numeracy
EDUC26000	Theories of Development and Learning
EDUC29500	Multicultural Education and Indigenous Studies
EDUC30000	Individual Differences and the Atypical Child

### Education elective units

Education electives are units chosen from within the School of Education, which contribute to the professional development of the trainee teacher. Students are to choose one of the following.

EDUC32400	Issues in Educational Computing
EDUC35300	Reading Behaviour and Disability
EDUC38300	Leadership and Advocacy

### Professional development and experience units

Professional development and experience units address the teaching strategies, skills and practices involved in teaching in the primary classroom and provide opportunities for continuous school-based professional experience, offering increasing responsibilities within a variety of school settings for periods of two to six weeks at a time. The course requires a total of 100 days of professional experience.

EDPP17000	Professional Development and Experience IA
EDPP17100	Professional Development and Experience IB
EDPP27000	Professional Development and Experience IIA
EDPP27100	Professional Development and Experience IIB
EDPP37000	Professional Development and Experience IIIA
EDPP37100	Professional Development and Experience IIIB
EDPP37500	Professional Development and Experience IVA
EDPP37600	Professional Development and Experience IVB

### Summary of minimum requirements in the BEd (Primary) degree

Component of course	Credit points
Christian Studies units	18
Discipline elective unit	6
Curriculum units	78
Education units	36
Education elective	6
Professional development and experience	48
TOTALS	192

### Discipline elective units

Primary education students may select one undergraduate level unit chosen from outside the School of Education. This unit contributes to expertise in a teaching field or to personal development. One discipline elective unit may be chosen from the following options:

#### English KLA

##### Communication

CCCR11500	Writing for Media
CCPR26400	Photo-Journalism

##### English

ENGL11000	Approaches to Literature
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#### Human Society and Its Environment (HSIE) KLA

##### Geography

GEOH11000	Global Issues and Humanitarian Responses
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##### History

HIST16500	Australia to 1980
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#### Creative Arts KLA (Music)

MUHA10600	Musicology and Harmony IA
MUPF10100	Performance and Music Skills IB

#### Creative Arts KLA (Visual Arts)

VISC12000	Painting and Drawing I
VISC12300	Photography and Sculpture
VISC13000	3D Studies
VISC14100	Computer Generated Design
VISC19000	Photography and Painting
VISC19100	Ceramics and Painting
VISC19200	Sculpture and Painting
VISC19900	Ceramics

#### Personal Development, Health and Physical Education (PD/H/PE) KLA

##### Personal Development and Health

HEPS11900	Introductory Psychology and Sociology
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**Physical Education**

- HPPD10100 Physical Education Studies: Team Sports  
 HPPD10300 Fitness, Food and Health  
 HPPD20400 Physical Education Studies: Athletics and Games Sense

**Mathematics KLA**

- MATH16000 Mathematics IA  
 MATH16100 Mathematics IB  
 MATH16200 Introduction to Statistics  
 MATH16400 General Mathematics

**Science and Technology KLA****Biology**

- BIOL16000 Biology I  
 BIOL16100 Comparative Functional Biology  
 SCAP16200 Anatomy and Physiology

**Chemistry**

- (Unit choice must be discussed with the Course Convenor of the BSc)*  
 CHEM16000 Chemistry IA  
 CHEM16100 Chemistry IB

**Physics**

- (Unit choice must be discussed with the Course Convenor of the BSc)*  
 PHYS16000 Physics IA  
 PHYS16100 Physics IB

**Technology**

- DTDP10100 Design Principles and Practice (TAS)

**Religion KLA**

- BBNT16000 Gospels A  
 CMIN10500 Children's Ministry in the Local Church  
 CMIN16500 Youth Ministry in the Local Church  
 THCH26500 Early and Medieval Church  
 BBOT28200 Pentateuchal Studies  
 BBBL16000 New Testament Greek IA

**Information Technology**

(not specifically a KLA, but useful across all KLA and school settings)

- EDUC32400 Issues in Educational Computing

**Accounting Option**

- ACCT16000 Introduction to Accounting A

**Degree structures**

The standard course structure for the BEd (Primary) degree follows.

## Bachelor of Education (Primary) Standard Structure

Sem				
1	EDCP29800 Curriculum Studies— Mathematics I	EDUC15800 Literacy and Numeracy for Teachers	EDUC15600 Literacy in Education	EDPP17000 Professional Development and Experience IA
<b>Professional Experience (July, 2 weeks)</b>				
2	EDCP28800 Curriculum Studies— Science and Technology I	EDUC14300 Christian Studies for Teachers I	EDCP28500 Curriculum Studies— Human Society and its Environment I	EDPP17100 Professional Development and Experience IB
<b>Professional Experience (February, 2 weeks)</b>				
3	EDUC24300 Christian Studies II	EDUC26000 Theories of Development and Learning	EDCP22500 Curriculum Studies— English I	EDPP27000 Professional Development and Experience IIA
<b>Professional Experience (July, 3 weeks)</b>				
4	EDCP27000 Curriculum Studies— Religion	EDCP29900 Curriculum Studies— Mathematics II	EDUC29500 Multicultural Education and Indigenous Studies	EDPP27100 Professional Development and Experience IIB
<b>Professional Experience (February, 2 weeks)</b>				
5	EDCP21500 Curriculum Studies— Creative Arts I	EDUC21900 ICT, Learning and Numeracy	EDCP23000 Curriculum Studies— Physical Education	EDPP37000 Professional Development and Experience IIIA
<b>Professional Experience (July, 3 weeks)</b>				
6	EDCP21600 Curriculum Studies— Creative Arts II	EDCP28600 Curriculum Studies— Human Society and its Environment II	EDCP22600 Curriculum Studies— English II	EDPP37100 Professional Development and Experience IIIB
<b>Professional Experience (February, 2 weeks)</b>				
7	EDCP23100 Curriculum Studies— Personal Development and Health	Discipline elective	EDUC30000 Individual Differences and the Atypical Child	EDPP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	Education Elective	EDCP28900 Curriculum Studies— Science and Technology II	EDPP37600 Professional Development and Experience IVB

<b>Bachelor of Education (Primary) (Honours)</b>					
Sem					
1	EDCP29800 Curriculum Studies— Mathematics I	EDUC15800 Literacy and Numeracy for Teachers	EDUC15600 Literacy in Education	EDPP17000 Professional Development and Experience IA	
<b>Professional Experience (July, 2 weeks)</b>					
2	EDCP28800 Curriculum Studies— Science and Technology I	EDUC14300 Christian Studies for Teachers I	EDUC28500 Curriculum Studies— Human Society and its Environment I	EDPP17100 Professional Development and Experience IB	
<b>Professional Experience (February, 2 weeks)</b>					
3	EDUC24300 Christian Studies II	EDUC26000 Theories of Development and Learning	EDCP22500 Curriculum Studies— English I	EDPP27000 Professional Development and Experience IIA	
<b>Professional Experience (July, 3 weeks)</b>					
4	EDCP27000 Curriculum Studies— Religion	EDCP29900 Curriculum Studies— Mathematics II	EDUC29500 Multicultural Education and Indigenous Studies	EDPP27100 Professional Development and Experience IIB	
<b>Professional Experience (February, 2 weeks)</b>					
5	EDCP21500 Curriculum Studies— Creative Arts I	EDHN42000 Research Methods I <i>Must audit ICT component of EDUC219000 and complete one assessment task</i>	EDCP23000 Curriculum Studies— Physical Education	EDPP37000 Professional Development and Experience IIIA	24
<b>Professional Experience (July, 3 weeks)</b>					
6	EDCP21600 Curriculum Studies— Creative Arts II	EDHN42100 Research Methods II	EDCP22600 Curriculum Studies— English II	EDPP37100 Professional Development and Experience IIIB <i>No PBR assessment</i>	24
<b>Professional Experience (February, 2 weeks)</b>					
7	EDCP23100 Curriculum Studies— Personal Development and Health	EDHN42200 Research Project IA	EDUC30000 Individual Differences and the Atypical Child	EDPP37500 Professional Development and Experience IVA	24
<b>Professional Experience (July–August, 6 weeks)</b>					
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDHN42300 Research Project IB	EDCP28900 Curriculum Studies— Science and Technology II	EDPP37600 Professional Development and Experience IVB <i>Philosophy of Christian Education Assessment Task</i>	24

Semester 5: Honours students are required to audit the ICT module of the unit EDUC21900 and complete one assessment task. This alternate satisfies the mandated requirements of the Institute of Teachers.

Semester 8: A Practitioner-based Research (PBR) presentation will be replaced with an assessment task relating to the student's personal philosophy of Christian education.

## Associate Degree of Classroom Support (Primary)

Course code: 4791

Course Convenor: Dr Andrew Matthes

The Associate Degree in Classroom Support (Primary) is designed to prepare graduates to support classroom teachers over the entire range of K–6/7 Key Learning Areas (KLAs). Graduates are qualified to support teachers in the Seventh-day Adventist Church school system both in Australia and overseas, as well as in the wider educational sector of government and non-government schools.

### Duration

Two years full-time or equivalent part-time

### Credit points

96 credit points

### Mode of delivery

On campus (Lake Macquarie)

### Abbreviation of course title

AssocDeg Classroom Support (Primary)

### Accreditation

The Associate Degree in Classroom Support (Primary) course is accredited by the NSW Department of Education and Training.

### Course structure

The Associate Degree in Classroom Support (Primary) is an integrated course of 96 credit points normally spread over two years of full-time study. The course requirements include 70 days of professional experience between semesters in February and July of each year. The course is comprised of Christian Studies, Discipline electives, curriculum studies, education studies, and professional development and experience.

### Entry requirements

General Admission Requirements apply to the Associate Degree in Classroom Support (Primary) course. The general entry requirements for Avondale degree courses are stated in the Academic Policies section of the Handbook

### Christian Studies units

These units address the religious, ethical and social value emphases of Avondale's philosophy of education derived from its Seventh-day Adventist faith tradition.

In the education degrees the sequence is:

EDUC14300 Christian Studies for Teachers I  
EDUC24300 Christian Studies II#

#The following alternatives to EDUC24300 are available with consultation with the Course Convenor.

BBNT16000	Gospels A
BBNT17000	New Testament Epistles A
ENGL21000	The Bible as Literature
ENGL25000	Literature and Religion
THCH16500	SDA History and Ministry of Ellen White
THWR36400	World Religions

### Curriculum studies units

Curriculum studies focus on content and methods of teaching for the key learning areas of the primary school curriculum. Students are familiarised with five of these key learning areas:

EDCP21600	Curriculum Studies—Creative Arts II
EDCP22500	Curriculum Studies—English I
EDCP23000	Curriculum Studies—Physical Education
EDCP28800	Curriculum Studies—Science and Technology I
EDCP29800	Curriculum Studies—Mathematics I

### Education units

Education units provide a theoretical base to the teaching/learning process.

EDUC15600	Literacy in Education
EDUC15800	Literacy and Numeracy for Teachers
EDUC26000	Theories of Development and Learning
EDUC29500	Multicultural Education and Indigenous Studies

### Professional development and experience units

Professional development and experience units address the teaching strategies, skills and practices involved in teaching in the primary classroom and provide opportunities for continuous school-based professional experience, offering increasing responsibilities within a variety of school settings for periods of two to six weeks at a time. The course requires a total of 70 days of professional experience.

EDPP17000	Professional Development and Experience IA
EDPP17100	Professional Development and Experience IB
EDPP27000	Professional Development and Experience IIA
EDPP27100	Professional Development and Experience IIB

## Summary of minimum requirements in the Associate Degree of Classroom Support

Component of course	Credit points
Christian Studies units	12
Curriculum units	30
Education units	30
Professional development and experience	24
<b>TOTALS</b>	<b>96</b>

### Associate Degree of Classroom Support (Primary)

Sem				
1	EDCP29800 Curriculum Studies— Mathematics I	EDUC15800 Literacy and Numeracy for Teachers	EDUC15600 Literacy in Education	EDPP17000 Professional Development and Experience IA
<b>Professional Experience (July, 2 weeks)</b>				
2	EDCP28800 Curriculum Studies— Science and Technology I	EDUC14300 Christian Studies for Teachers	EDUC29500 Multicultural Education and Indigenous Studies	EDPP17100 Professional Development and Experience IB
<b>Professional Experience (February, 2 weeks)</b>				
3	EDCP23000 Curriculum Studies— Physical Education	EDUC26000 Theories of Development and Learning	EDCP22500 Curriculum Studies— English I	EDPP27000 Professional Development and Experience IIA
<b>Professional Experience (July, 3 weeks)</b>				
4	EDUC24300 Christian Studies II	EDCP21600 Curriculum Studies— Creative Arts II	EDUC24300 Christian Studies II	EDPP27100 Professional Development and Experience IIB

## Bachelor of Education (Secondary)

Course Code: 4798

Course Convenor: Mr Jason Hinze

Secondary education degrees are designed to prepare graduates for careers in secondary teaching. Graduates are qualified to teach in the Seventh-day Adventist Church school system both in Australia and overseas, as well as in the wider educational sector of government and non-government schools. Honours degrees allow selected students to complete a program in research methodology and conduct their own research under supervision. Furthermore, this program enhances the efforts of high potential students to influence professional practice through research and facilitates access for students to proceed to research-based studies at Masters or Doctoral level.

Each degree combines studies in particular teaching field disciplines with professional studies in the theory and practice of education. Professional studies comprise at least half of each course; the other half consists of studies in teaching field disciplines, Christian Studies units and electives.

Each degree, including the BEd (Secondary)(Hons), normally requires the completion of 32 units (192 credit points) typically spread over four years of full-time (or equivalent part-time) study.

The Christian Studies and professional studies are common to each degree.

The professional studies in Education contribute 96 credit points to the integrated degree; specialised discipline studies contribute 96 credit points.

The Professional Education components of the degree are described under Secondary Education Degrees.

### Duration

Four years full-time or equivalent part-time.

### Credit points

192 credit points

### Abbreviation of course title

BEd (Secondary)

BEd (Secondary) (Honours)

### Accreditation

The degrees are accredited by the NSW Department of Education and Training.

### Entry requirements

The general entry requirements for Avondale degree courses are stated in the Academic Policies section of the Handbook. In addition, the following majors have specific entry requirements:

#### Technology and Applied Studies

HSC (or equivalent) Chemistry, *or*

February Chemistry Bridging Course (before the March teaching period commences) is recommended

#### Home Economics/Design and Technology

HSC (or equivalent) Chemistry, *or*

February Chemistry Bridging Course (before the March teaching period commences) is recommended

#### Information Technology - Minor

HSC (or equivalent) Mathematics is recommended

### Summary of minimum requirements in the BEd (Secondary) degree

Component of course	PDHPE (credit points)	Home Economics/ Design and Technology (credit points)
Christian Studies units	18	18
Specialisation	66	90
Major	n/a	n/a
Minor	24	n/a
Electives	n/a	n/a
Education units	36	36
Curriculum units	12	12
Professional development and experience	36	36
<b>TOTALS</b>	<b>192</b>	<b>192</b>

NOTE:

For TAS minimum requirements, see TAS section  
Information Technology is available as a minor.

### Discipline areas

Students may study to become secondary teachers in any of the following areas by enrolling in the BEd (Secondary) degree:

Technology and Applied Studies

Home Economics/Design and Technology

Information Technology

Personal Development, Health and Physical Education

Minors from other degrees may be available with the approval of the Dean of the Faculty of Education and Science. Students wishing to become secondary teachers in other areas should enrol in:

*BA/BTch*

English	Music
Geography	Religious Studies
History	Visual Arts
Mathematics	

*BBus/BTch*

Accounting	Information Technology
Human Resource Management	Marketing

*BSc/BTch*

Biology	Information Technology
Chemistry	Mathematics
Food and Nutrition	Physics
Geography	

### Christian Studies units

As part of their course students study some units that address the religious, ethical and social value emphases of Avondale's philosophy of education derived from its Seventh-day Adventist faith tradition.

In the BEd degree the sequence is:

EDUC14300	Christian Studies for Teachers I
EDUC24300	Christian Studies II
EDUC34300	Christian Studies III—Philosophy of Christian Education

All students may substitute an approved unit from the School of Theology for EDUC24300. Such units include:

BBNT16000	Gospels A
BBNT17000	New Testament Epistles A
ENGL21000	The Bible as Literature
ENGL25000	Literature and Religion
THCH16500	SDA History and Ministry of Ellen White
THWR36400	World Religions

### Professional studies

The professional studies common to each secondary education degree are as follows:

**Education units**

EDUC15600	Literacy in Education
EDUC21600	Computers, Learning and Practitioner-based Research
EDUC26000	Theories of Development and Learning
EDUC29500	Multicultural Education and Indigenous Studies
EDUC30000	Individual Differences and the Atypical Child

**Education elective**

In semester eight students choose one education elective from the following list:

EDUC32400	Issues in Educational Computing
EDUC32600	Music Education
EDUC34400	Art Education
EDUC37500	Science in Education
EDUC39600	Health Promotion in Adolescence

Please note that in some courses students are required or strongly recommended to choose a discipline specific elective which will further contribute to expertise in curricular applications in their chosen teaching field(s).

### Curriculum studies

Curriculum studies units focus on content and methods of teaching for the various teaching fields/specialisations in the secondary school curriculum. Students are familiarised with both NSW State and Seventh-day Adventist syllabus documents, with the intention that they should be prepared to teach competently in either government, independent, or church-related schools. The Curriculum Studies in particular discipline areas (units with EDCZ codes) are required for both the first and second teaching fields. See under Unit Synopses for specific curriculum studies units.

### Professional development and experience units

The Professional Development and Experience units address the teaching strategies, skills and practices involved in teaching in the secondary classroom and provide opportunities for continuous school-based professional experience offering increasing responsibilities within a variety of school settings, for periods of two to six weeks at a time. Students are involved in a total of 95 days of professional experience including 10 days of experiential learning.

EDSP17000	Professional Development and Experience IA
EDSP17100	Professional Development and Experience IB
EDSP27000	Professional Development and Experience II
EDSP37000	Professional Development and Experience III
EDSP37500	Professional Development and Experience IVA
EDSP37600	Professional Development and Experience IVB

## BEd (Secondary) with specialisation in Personal Development, Health and Physical Education plus minor

The specialisation in Personal Development, Health and Physical Education prepares students to teach in all areas of PDHPE. By adding a minor to the specialisation, students gain a second teaching field.

### Personal Development, Health and Physical Education specialisation

HPPD10100	Physical Education Studies: Team Sports
HPPD10200	Physical Education Studies: Aquatics and Emergency Care
HPPD10300	Fitness, Food and Health
HPPD10400	Biomechanics for Physical Educators
HPFH20100	Nutrition Development and Performance
HPPD20200	Motor Learning and Control
HPPD20300	Physical Education Studies: Gymnastics and Dance
HPPD20400	Physical Education Studies: Athletics and Games Sense
HPPD30100	Exercise Physiology
HPPD30200	Psychosocial Issues in Health and Physical Activity
HPFH30300	Contemporary Family and Adolescent Health Issues

*and required Education unit:*

EDUC39600	Health Promotion in Adolescence
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*and Curriculum Studies:*

EDCZ29000	Curriculum Studies—PDHPE
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### Minor options that can be selected in conjunction with the PDHPE specialisation include:

Biology, Food and Nutrition, Textiles and Design, Mathematics, English, Geography, History, Visual Arts, Information Technology, Music and Religious Studies. When selecting your minor consult with the BEd Course Convenor to ensure your selection meets the NSW Institute of Teachers course requirements.

In addition, Outdoor Education units may be taken in the minor allocation. The Outdoor Education units are:

OEHP10100	Perspectives in Outdoor Education
OEHP20200	Sea Kayaking
OEHP20300	Expedition Planning and Management
OEHP20400	Leadership in the Outdoors
EDCZ29600	Curriculum Studies - Outdoor Education

In the case that students choose not to engage in a minor, they can strengthen their PDHPE specialisation by taking the following units in the minor allocation:

DTFN11100	Food Nutrition and Health
EDCZ23000	Independent Research in Curriculum Studies
HEPS11900	Introductory Psychology and Sociology
HPFH20300	Family and Community Studies
OEHP20400	Leadership in the Outdoors

### Personal Development Health and Physical Education minor

A minor in PDHPE is also available in the Bachelor of Education and BA/BTch programs. Units satisfying the PDHPE minor (as a second teaching field) are as follows:

HPPD10100	Physical Education Studies: Team Sports
HPPD10300	Fitness, Food and Health
HPPD20300	Physical Education Studies: Gymnastics and Dance

*and*

EDCZ29000	Curriculum Studies—PDHPE
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*and*

HPFH30300	Contemporary Family and Adolescent Health Issues
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## BEd (Secondary) with specialisation in Technology and Applied Studies

The specialisation in Technology and Applied Studies prepares teachers to address major emphases of the NSW secondary school syllabi in the Technological and Applied Studies (TAS) Key Learning Area (KLA).

### Summary of requirements for BEd (Secondary) Technology and Applied Studies Specialisation

Two patterns of study are available in the BEd (Secondary) Technology and Applied Studies Specialisation. Both of these patterns have a Design and Technology core. The Design and Technology core is also in the Home Economics/Design and Technology specialisation. Pattern 2 is recommended for students wishing to do BEd (Secondary)(Hons). Pattern 2 is also recommended for students who desire to have Design and Technology as a first teaching field with Food Technology and Textiles Technology as second teaching fields, but do not wish to take all of the Community and Family Studies units in the Home Economics/Design and Technology specialisation.

#### Pattern 1—minor from another teaching field

First teaching field—Design and Technology  
 Second teaching field—BA minor approved in the BA or Information Technology

Depending on the technology option chosen and use of an elective for curriculum studies, another TAS teaching field may be possible, e.g., Food Technology, Textiles Technology, or Industrial Technology

*Units in italics are offered by cross-institutional enrolment with the University of Newcastle (UoN)*

Component of course	Credit Points
Christian Studies units	18
Design and Technology Core	42
Technology Option 1	18
Minor (any approved BA minor)	24
Elective/Additional Curriculum Studies	6
Curriculum Studies: Design and Technology (7–12)	6
Curriculum Studies (minor) (7–12)	6
Education Elective	6
Education Core	30
Professional Studies	36
TOTALS	192

#### Pattern 2—students wishing to do Honours are encouraged to select this pattern

First teaching field—Design and Technology  
 Second/Third teaching fields—Choose two from Industrial Technology, Food Technology, Textiles Technology, Information Technology, Graphics and Multimedia Technology

Component of course	Credit Points
Christian Studies units	18
Design and Technology Core	42
Technology Option 1	18
Technology Option 2	18
Elective*/two honours units/Additional Curriculum Studies	12
Curriculum Studies: Design and Technology (7–12)	6
Curriculum Studies Technology and Applied Studies (7–12)	6
Education Elective/honours unit	6
Education Core**	30
Professional Studies	36
TOTALS	192

\*If Industrial Technology is to be a teaching field, must choose *ARBE1103 Communication in the Built Environment II (UoN)* or equivalent

\*\*Honours students replace EDUC21600 Computers Learning and Practitioner-based Research with an honours unit

### Unit sequences for Technology and Applied Studies specialisation

#### Design and Technology core (7 units)

DTDP10100 Design Principles and Practice (TAS)  
 DTDP30100 Innovation and Sustainability in the Built Environment  
 DTFN11100 Food Nutrition and Health  
 DTTX12100 Designing with Textiles  
*IDEA1480 Introduction to Workshop (UoN)*  
 VISC14100 Computer Generated Design

A design project unit, *one of:*

*ARBE2501 Technology Project Development (UoN)*  
 DTDP30200 Design Project  
 DTFN31200 Food Product Design Project  
 ICTM39600 Information Technology Project

### Information Technology (select 3 units for a Technology option or 4 units for a Minor/Second teaching field)

At the time of publication this information about Information Technology sequences is subject to approval.

See TAS Strand Convenor: Robyn Pearce

- *A 100-Level unit in foundational principles of information technology by cross-institutional enrolment e.g., ITC182 Foundations in Information Technology (Charles Sturt University (CSU))*
- *A 100-Level unit in principles of programming by cross-institutional enrolment eg ITC106 Programming Principles (CSU)*
- INFS21600 Management Information Systems
- VISC31800 Multimedia Design

Students who study VISC31800 Multimedia Design as part of the Graphics and Multimedia Technology option may choose ICTM39600 Information Technology Project if ICTM39600 is not selected as the design project unit in the Design and Technology Core.

Students in TAS Pattern 1 who choose Information Technology as a second teaching field rather than another BA minor may also select Information Technology as their Technology option to have sufficient units for a first teaching field in Information Technology in addition to Design and Technology. Such students will choose ICTM39600 Information Technology Project as their Design Project unit in the Design and Technology core and the following three units in their Technology option:

- *A 200-Level unit in introduction to data communication by cross-institutional enrolment eg ITC242 Introduction to Data Communication (CSU)*
- *Two additional 200/300 units in Information Technology by cross-institutional enrolment*

Students in TAS Pattern 2 who wish to have Information Technology as a first teaching field in addition to Design and Technology may use both Technology options 1 and 2 to study six Information Technology units. Such students will choose ICTM39600 Information Technology Project as their Design Project unit in the Design and Technology core and the following six units in their Technology options 1 and 2:

- *A 100-Level unit in foundational principles of information technology by cross-institutional enrolment eg. ITC182 Foundations in Information Technology (CSU)*
- *A 100-Level unit in principles of programming by cross-institutional enrolment eg ITC106 Programming Principles (CSU)*
- INFS21600 Management Information Systems
- VISC31800 Multimedia Design
- *A 200-Level unit in introduction to data communication by cross-institutional enrolment eg ITC242 Introduction to Data Communication (CSU)*

- *One additional 200/300 unit in information technology by cross-institutional enrolment.*

Alternatively students in TAS Pattern 2 may complete six units suitable for a first teaching field in Information Technology as follows:

#### Information Technology option (3 units)

- *A 100-Level unit in foundational principles of information technology by cross-institutional enrolment eg. ITC182 Foundations in Information Technology (CSU)*
- *A 100-Level unit in principles of programming by cross-institutional enrolment eg ITC106 Programming Principles (CSU)*
- INFS21600 Management Information Systems

#### Information Technology units as electives (2 units)

- VISC31800 Multimedia Design
- *A 200-Level unit in introduction to data communication by cross-institutional enrolment eg ITC242 Introduction to Data Communication (CSU)*

#### Information Technology as the design project in Design and Technology Core (1 unit)

- ICTM39600 Information Technology Project

#### Graphics and Multimedia Technology (3 units)

- ARBE1103 *Communication in the Built Environment II (UoN), or equivalent*
- VISC24300 Publication Design I
- VISC31800 Multimedia Design

#### Industrial Technology Option (3 units)

- ARBE2500 *Furniture Form and Function, or equivalent*
- IDEA2450 *Workshop Skills, or equivalent*
- DTID30100 Electronics and Control Technologies

#### Food Technology Option (3 units)

- DTFN21100 Food Production Systems
- DTFN21200 Food Science and Innovation
- HPFH20100 Nutrition Development and Performance *or*
- DTFN31100 Food Industry Experience

#### Textiles Technology (3 units)

- DTTX22100 Textiles and Fashion
- DTTX22200 Creative Textiles
- DTTX32100 Textile Science and Innovation

#### Curriculum Studies (2 units)

- EDCZ29300 Curriculum Studies—Design and Technology (7–12)

*plus one of:*

- EDCZ25100 Curriculum Studies—Computing
- EDCZ29400 Curriculum Studies—Technology and Applied Studies (7–12)
- EDCZ29500 Curriculum Studies—Food, Textiles and Family (HEc) (7–12)
- Curriculum Studies for BA approved minor

## Bachelor of Education Information Technology

At the time of publication this information about Information Technology sequences is subject to approval.

See TAS Strand Convenor: Robyn Pearce

Students may complete a minor/second teaching field in Information Technology with the BEd (Secondary) PDHPE Specialisation, the BEd (Secondary) TAS specialisations. Information Technology may also be selected as a minor in the combined degrees: BA/BTch, BSc/BTch and BBus/BTch.

The units in the minor/second teaching field are:

- A 100-Level unit in foundational principles of information technology by cross-institutional enrolment e.g., *ITC182 Foundations in Information Technology* (Charles Sturt University (CSU))
- A 100-Level unit in principles of programming by cross-institutional enrolment e.g., *ITC106 Programming Principles* (CSU)
- INFS21600 Management Information Systems
- VISC31800 Multimedia Design

Students may use two electives to extend the minor/second teaching field to have six units for a first teaching field in information technology. The two additional units are:

- A 200-Level unit in introduction to data communication by cross-institutional enrolment e.g., *ITC242 Introduction to Data Communication* (CSU)
- ICTM39600 Information Technology Project

If another elective is available the following unit is recommended:

- VISC14100 Computer Generated Design

## BEd (Secondary) with specialisation in Home Economics/Design and Technology

The specialisation in Home Economics/Design and Technology prepares teachers to address major emphases of NSW secondary school syllabuses in the Technological and Applied Studies (TAS) Key Learning Area (KLA) and the Personal Development Health and Physical Education (PDHPE) KLA. The first teaching field is Design and Technology. The second teaching field is Food Technology (4 units). Other teaching fields include Textiles Technology (4 units if design project is in textiles), Community and Family Studies (4 units if appropriate education elective selected).

### Summary of requirements for BEd (Secondary) Home Economics/Design and Technology Specialisation

Component of course	Credit Points
Christian Studies units	18
Design and Technology Core	42
Additional Food Technology units	18
Additional Textiles Technology units	12
Community and Family Studies	18
Curriculum Studies: Design and Technology (7–12)	6
Curriculum Studies: Food, Textiles and Family (Home Economics) (7–12)	6
Education Elective (Recommend EDUC396000 Health Promotion in Adolescence)	6
Education Core	30
Professional Studies	36
TOTALS	192

### Unit sequences for Home Economics/Design specialisation

*Unit in italics is offered by cross-institutional enrolment with the University of Newcastle (UoN)*

#### Design and Technology (7 units)

- DTDP10100 Design Principles and Practice (TAS)  
 DTFN11100 Food Nutrition and Health  
 DTTX12100 Designing with Textiles  
 DTDP30100 Innovation and Sustainability in the Built Environment  
 DTFN31200 Food Product Design Project *or*  
 DTDP30200 Design Project  
*IDEA1480 Introduction to Workshop*  
 VISC14100 Computer Generated Design

**Food Technology (3 units)**

- DTFN21100 Food Production Systems  
 DTFN21200 Food Science and Innovation  
 HPFH20100 Nutrition Development and Performance

**Textiles Technology (2 units)**

- DTTX22100 Textiles and Fashion  
 DTTX32100 Textile Science and Innovation

**Community and Family Studies (3 units)**

- HEPS11900 Introductory Psychology and Sociology  
 HPFH20300 Family and Community Studies  
 HPFH30300 Contemporary Family and Adolescent Health Issues

*and recommended Education unit*

- EDUC39600 Health Promotion in Adolescence

**Curriculum Studies (2 units)**

- EDCZ29300 Curriculum Studies—Design and Technology (7–12)  
 EDCZ29500 Curriculum Studies—Food Textiles and Family (HEc) (7–12)

**Home Economics/Design and Technology minors**

A coherent sequence of at least 24 credit points in Home Economics/Design and Technology negotiated with approval of the Home Economics/Design and Technology coordinator and the Dean of Education. Examples of two coherent sequences are:

*Food and Nutrition*

- DTFN11100 Food Nutrition and Health  
 DTFN21100 Food Production Systems  
 DTFN21200 Food Science and Innovation  
 HPFH20100 Nutrition Development and Performance

*plus Curriculum Studies unit*

- EDCZ21300 Curriculum Studies—Food and Health

*Textiles and Design*

- DTTX12100 Designing with Textiles  
 DTTX22100 Textiles and Fashion  
 DTTX22200 Creative Textiles  
 DTTX32100 Textile Science and Innovation

*plus Curriculum Studies unit*

- EDCZ21600 Curriculum Studies—Textiles and Design (7–12)

**Degree structure**

The following pages summarise the BEd (Secondary) course with specialisations in: Technology and Applied Studies (for all available patterns, see Strand Convenor); Home Economics/Design and Technology; and Personal Development, Health and Physical Education.

<b>Bachelor of Education</b> Personal Development, Health and Physical Education specialisation plus Minor				
Sem				
<b>YEAR 1</b>				
1	HPPD10100 Physical Education Studies: Team Sports	HPPD10300 Fitness, Food and Health	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	HPPD10200 Physical Education Studies: Aquatics and Emergency Care	HPPD10400 Biomechanics for Physical Educators	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
<b>YEAR 2</b>				
3	HPFH20100 Nutrition Development and Performance	Minor 100	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	HPPD20300 Physical Education Studies: Gymnastics and Dance	Minor 100	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
<b>YEAR 3</b>				
5	HPPD20200 Motor Learning and Control	Minor—Curriculum Studies 200	EDCZ29000 Curriculum Studies— PDHPE	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	HPPD30100 Exercise Physiology	Minor 200	HPPD30200 Psychosocial Issues in Health and Physical Activity	EDUC21600 Computers, Learning and Practitioner-based Research
<b>YEAR 4</b>				
<b>Professional Experience (February, 2 weeks)</b>				
7	HPPD20400 Physical Education Studies: Athletics and Games Sense	Minor 200	HPFH30300 Contemporary Family and Adolescent Health Issues	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Education Studies III—Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	EDUC39600 Health Promotion in Adolescence	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Education (Secondary)</b> <b>Technology and Applied Studies Specialisation</b> Pattern I Example					
Sem					CPTs
<b>YEAR 1</b>					
1	Design and Technology Core 1 DTDP10100 Design Principles and Practice (TAS)	Design and Technology Core 2 VISC14100 Computer Generated Design	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA	24
<b>Professional Experience (July, 3 weeks)</b>					
2	Design and Technology Core 3 <i>IDEA1480</i> <i>Introduction to Workshop</i>	Design and Technology Core 4 DTFN11100 Food Nutrition and Health	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB	24
<b>YEAR 2</b>					
3	Technology Option 1 Unit 1	Minor 1	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II	24
<b>Professional Experience (July, 3 weeks)</b>					
4	Design and Technology Core 5 DTTX12100 Designing with Textiles	Minor 2	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies	24
<b>YEAR 3</b>					
5	Design and Technology Core 6 DTDP30100 Innovation and Sustainability in the Built Environment ( <i>even years</i> ) Design and Technology Core 7 Design Project: DTFN31200 or <i>ARBE2501</i> or DTDP30200 or ICTM39600 ( <i>odd years</i> )	Technology Option 1 Unit 2	EDCZ29300 Curriculum Studies—Design and Technology (7–12)	EDSP37000 Professional Development and Experience III	24
<b>Professional Experience (July, 3 weeks)</b>					
6	Technology Option 1 Unit 3	Minor 3	Curriculum Studies Minor (7–12)	EDUC21600 Computers, Learning and Practitioner-based Research	24
<b>YEAR 4</b>					
<b>Professional Experience (February, 2 weeks)</b>					
7	Design and Technology Core 7 Design Project DTFN31200 or <i>ARBE2501</i> or DTDP30200 or ICTM39600 ( <i>odd years</i> ) Design and Technology Core 6 DTDP30100 Innovation and Sustainability in the Built Environment ( <i>even years</i> )	Minor 4	Elective or Additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA	24
<b>Professional Experience (July–August, 6 weeks)</b>					
8	EDUC34300 Christian Studies III—Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective	EDSP37600 Professional Development and Experience IVB	24

Note: Units shown in *italics* are from the University of Newcastle. Special arrangements may need to be made for teaching practicums.

<b>Bachelor of Education (Secondary)</b>					
<b>Technology and Applied Studies Specialisation</b>					
Pattern 2 Example					
Sem	Technology option 1—Industrial Technology; Technology option 2—Graphics and Multimedia Technology			CPts	
<b>YEAR 1</b>					
1	Design and Technology Core 1 DTDP10100 Design Principles and Practice (TAS)	Design and Technology Core 2 VISC14100 Computer Generated Design	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA	24
<b>Professional Experience (July, 3 weeks)</b>					
2	Design and Technology Core 3 <i>IDEA1480</i> <i>Introduction to Workshop</i>	Design and Technology Core 4 DTFN11100 Food Nutrition and Health	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB	24
<b>YEAR 2</b>					
3	Technology Option 1 Unit 1 <i>IDEA2450</i> <i>Workshop Skills</i>	EDUC24300 Christian Studies II	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II	24
<b>Professional Experience (July, 3 weeks)</b>					
4	Design and Technology Core 5 DTTX12100 Designing with Textiles	Technology Option 2 Unit 1 <i>ARBE1103</i> <i>Communication in the Built Environment</i>	Technology Option 2 Unit 2 VISC24300 Publication Design I	EDUC29500 Multicultural Education and Indigenous Studies	24
<b>YEAR 3</b>					
5	Design and Technology Core 6 DTDP30100 Innovation and Sustainability in the Built Environment ( <i>even years</i> ) Design and Technology Core 7 <i>ARBE2501 Technology Project Development</i> or DTDP30200 Design Project ( <i>odd years</i> )	Technology Option 1 Unit 2 DTID30100 Electronics and Control Technologies ( <i>even years</i> ) Elective ( <i>odd years</i> )	EDCZ29300 Curriculum Studies—Design and Technology (7–12)	EDSP37000 Professional Development and Experience III	24
<b>Professional Experience (July, 3 weeks)</b>					
6	Technology Option 1 Unit 3 <i>ARBE2500</i> <i>Furniture Form and Function</i>	Technology Option 2 Unit 3 VISC31800 Multimedia Design	EDCZ29400 Curriculum Studies—Technology and Applied Studies (7–12)	EDUC21600 Computers, Learning and Practitioner-based Research	24
<b>YEAR 4</b>					
<b>Professional Experience (February, 2 weeks)</b>					
7	Design and Technology Core 7— <i>ARBE2501 Technology Project Development</i> or DTDP30200 Design Project ( <i>odd years</i> ) Design and Technology Core 6 DTDP30100 Innovation and Sustainability in the Built Environment ( <i>even years</i> )	Elective ( <i>odd years</i> ) Technology Option 1 Unit 2 DTID30100 Electronics and Control Technologies ( <i>even years</i> )	Elective	EDSP37500 Professional Development and Experience IVA	24
<b>Professional Experience (July–August, 6 weeks)</b>					
8	EDUC34300 Christian Studies III—Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective	EDSP37600 Professional Development and Experience IVB	24

Note: Units shown in *italics* are from the University of Newcastle. Special arrangements may need to be made for teaching practicums.

<b>Bachelor of Education (Secondary)</b>					
<b>Home Economics/Design and Technology Specialisation</b>					
Sem					CPts
<b>YEAR 1</b>					
1	DTDP10100 Design Principles and Practice (TAS)	VISC14100 Computer Generated Design	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA	24
<b>Professional Experience (July, 3 weeks)</b>					
2	<i>IDEA1480</i> <i>Introduction to Workshop</i>	DTFN11100 Food Nutrition and Health	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB	24
<b>YEAR 2</b>					
3	DTFN21100 Food Production Systems	HEPS11900 Introduction to Psychology and Sociology	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II	24
<b>Professional Experience (July, 3 weeks)</b>					
4	DTTX12100 Designing with Textiles	DTFN21200 Food Science and Innovation	HPFH20300 Family and Community Studies ( <i>odd years</i> ) DTTX32100 Textile Science & Innovation ( <i>even years</i> )	EDUC29500 Multicultural Education and Indigenous Studies	24
<b>YEAR 3</b>					
5	DTDP30100 Innovation and Sustainability in the Built Environment ( <i>even years</i> ) DTDP30200 Design Project <i>OR</i> DTFN31200 Food Product Design Project ( <i>odd years</i> )	HPFH20100 Nutrition Development and Performance ( <i>even years</i> ) DTTX22100 Textiles and Fashion ( <i>odd years</i> )	EDCZ29300 Curriculum Studies Design and Technology (7–12)	EDSP37000 Professional Development and Experience III	24
<b>Professional Experience (July, 3 weeks)</b>					
6	DTTX32100 Textile Science and Innovation ( <i>even years</i> ) HPFH20300 Family and Community Studies ( <i>odd years</i> )	EDUC24300 Christian Studies II	EDCZ29500 Curriculum Studies Food Textiles Family (HEC) (7–12)	EDUC21600 Computers, Learning and Practitioner-based Research	24
<b>YEAR 4</b>					
<b>Professional Experience (February, 2 weeks)</b>					
7	DTDP30200 Design Project <i>or</i> DTFN31200 Food Product Design Project ( <i>odd years</i> ) DTDP30100 Innovation and Sustainability in the Built Environment ( <i>even years</i> )	DTTX22100 Textiles and Fashion ( <i>odd years</i> ) HPFH20100 Nutrition Development and Performance ( <i>even years</i> )	HPFH30300 Contemporary Family and Adolescent Health Issues	EDSP37500 Professional Development and Experience IVA	24
<b>Professional Experience (July–August, 6 weeks)</b>					
8	EDUC34300 Christian Studies III—Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education elective; recommend EDUC39600 Health Promotion in Adolescence	EDSP37600 Professional Development and Experience IVB	24

Note: Units shown in *italics* are from the University of Newcastle. Special arrangements need to be made for July teaching practicum in Year 1

## Bachelor of Arts/Bachelor of Teaching

Course code: 4200

Course Convenor: Mr Jason Hinze

The Bachelor of Arts/Bachelor of Teaching combines professional studies in education with studies in Bachelor of Arts disciplines appropriate to equip graduates for secondary teaching.

### Duration

Four years full-time or equivalent part-time.

### Credit points

192 credit points

### Abbreviation of course title

BA/BTch

BA/BTch (Honours)

### Accreditation

The degree is accredited by the NSW Department of Education and Training.

### Entry requirements

The general entry requirements for Avondale degree courses are stated in the Academic Policies section of the Handbook. In addition, the following majors have specific entry requirements:

#### Mathematics

Recent HSC (or equivalent) Mathematics Extension 1, *or* recommendation of the Faculty of Science and Mathematics.

#### Music

Admission to the Music major is by interview, audition and placement tests. Applicants should normally have studied music for approximately six years, but with approval of the Head of Music may be admitted with other appropriate music experience and may be required to take MUHA00600 Foundations of Harmony in their first semester. The written theory placement test will consist of questions on key signatures, scale writing (major and minor), intervals, cadences, writing in four vocal parts, and melody writing based on the Australian Music Examination Board (5th grade level).

### Course structure

The BA/BTch is a four-year program of 192 credit points combining professional studies in Education with studies in teaching field disciplines from the BA degree. The Bachelor of Arts strand contributes 96 credit points to the combined degree, while the Bachelor of Teaching strand is 96 credit points.

Students choose a major (at least 48 credit points) and a minor (at least 24 credit points) from a range of BA disciplines. Electives in the degree may be used to augment the major and/or minor teaching fields, or to develop an additional teaching field. Ensure you check with your BA/BTch Course Convenor to ensure your chosen units meet the requirements of the NSW Institute of Teachers.

The professional (BTch) components of the degree are described under Secondary Education Degrees

### Major teaching fields

English

Modern History

Mathematics

Music

Religious Studies

Visual Arts

### Minor teaching fields

Biology

English

Communication\*

Geography

Graphic Design

Modern History

International Poverty and Development Studies\*

Mathematics

Music

Religious Studies

Visual Arts

\*These are not teaching fields in New South Wales, but may be in some other states of Australia.

NOTE: Minors from other degrees may be available, subject to timetable constraints and with the approval of the Course Convenor of the Bachelor of Teaching and the Course Convenor of the Bachelor of Arts.

## Summary of minimum requirements in the BA/BTch degree

Component of course	Credit points
Christian Studies units	18
BA Major	48
BA Minor	24
BA Electives	18
Education units	36
Curriculum units	12
Professional development and experience	36
TOTALS	192

### BA strand major/minor sequences

NOTE: Students anticipating postgraduate study in the area of their major teaching field should select electives from that discipline, where available.

#### Biology minor

BIOL16000	Biology I
BIOL16100	Comparative Functional Biology
BIOL26200	Ecology

*and at least one of:*

BIOL26000	General Human Physiology
BIOL26100	Biochemistry
BIOL26300	Mammalogy
BIOL26400	General Microbiology

#### Biology curriculum studies

EDCZ24000	Curriculum Studies—Biology
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#### Communication minor

CCCR11500	Writing for Media
CCCR16000	Media Interpretations

*and at least two of:*

CCCR26200	Issues and Concepts in Communication
CCBM26500	Video Production
CCBM26600	Radio Production
CCBM38500	Advanced Video Production
CCCR21500	Screen Performance
CCPR26400	Photo-Journalism
CCPR26800	Public Relations Practice
CCWR21600	Print Journalism
CCWR26700	Writing for Broadcast Media (Radio)

#### English

##### English major

ENGL11000	Approaches to Literature
CCCR16000	Media Interpretations

*and up to three of:*

ENGL21000	The Bible as Literature
ENGL22000	Drama
ENGL25000	Literature and Religion
ENGL27000	Australian Literature

*and at least three of:*

ARTS31000	Post-Colonial Studies
ENGL33000	Renaissance Literature
ENGL34000	Twentieth Century Literature
ARTS36900	Issues in Representation: History, Literature and Media

##### English minor

ENGL11000	Approaches to Literature
CCCR16000	Media Interpretations

*and two English units at 200/300-Level*

##### English Curriculum Studies

EDCZ27200	Curriculum Studies—English
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*Special note to BA/BTch (English) majors:*

English majors in the Bachelor of Arts/Bachelor of Teaching program are strongly advised to choose from the following list of electives to complement their program:

CCWR21600	Print Journalism
CCWR31500	Creative Writing—Poetry and Short Story
CCWR36300	Advanced Journalism

#### Geography

##### Geography minor

GEOH11000	Global Issues and Humanitarian Responses
GEOH12000	Environmental Issues
GEOH23000	Asia Pacific in the Global Economy

*and*

GEOP21000	Physical Geography A or
GEOP22000	Physical Geography B

##### Geography Curriculum Studies

EDCZ25800	Curriculum Studies—Geography
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#### Graphic Design

##### Graphic Design minor

VISC14100	Computer Generated Design
VISC24300	Publication Design I

*and at least two of:*

VISC22100	Photography II
VISC24400	Publication Design II
VISC31800	Multimedia Design

#### Modern History

##### Modern History major

HIST16500	Australia to 1980
HIST16400	The Ancient World

*and at least three of:*

HIST26300	The World Wars
HIST26200	Revolutions and Revolutionaries
HIST26500	The Reformation
HITR27600	Modern History Tour

*and at least three of:*

- HIST36700 Women's History in Western Europe to 1700  
 HIST36900 Issues in Representation: History, Literature and Media  
 HIST37000 Themes in American History  
 ARTS31000 Post-Colonial Studies

#### Modern History minor

- HIST16500 Australia to 1980  
*and at least three Modern History units at 200-300 Level*

NOTE: BA/BTch minor cannot include HIST16400

#### Modern History Curriculum Studies

- EDCZ26200 Curriculum Studies—History

#### Information Technology minor

- ITC182 *Foundations in IT (CSU)\**  
 ITC 106 *Programming Principles (CSU)\**  
 INFS21600 Management Information Systems  
*4th unit to be chosen in consultation with the Course Convenor*

\* Studied by distance education through Charles Sturt University

Note: Students should consult with the Course Convenor regarding choice of units

#### International Poverty and Development Studies

- IPDS21000 Development, NGOs and Ethics  
 IPDS33000 Development Skills  
 IDTR22000 Development Field Experience

*and at least one of:*

- ARTS31000 Post-Colonial Studies  
 GEOH36000 Urban Places and Society  
 SCEV36000 Environmental Values and Ethics  
 THWR36400 World Religions

#### Mathematics

##### Mathematics major

- MATH16000 Mathematics IA  
 MATH16100 Mathematics IB  
 MATH26000 Calculus II  
 MATH26100 Algebra II  
 MATH26200 Statistics II  
 MATH36100 Algebra III  
 MATH36000 Calculus III  
 MATH36200 Mathematical (Adv) Analysis

*or*

- MATH36300 Advanced Mathematical Methods

##### Mathematics electives:

- MATH26300 Numerical Analysis  
 MATH39000 Seminar in Mathematics

##### Mathematics minor

- MATH16000 Mathematics IA  
 MATH16100 Mathematics IB  
 MATH26000 Calculus II  
 MATH26100 Algebra II

#### Mathematics Curriculum Studies

- EDCZ26000 Curriculum Studies—Mathematics

#### Music

NOTE: The BA/BTch in Music is designed for classroom teachers of Music. It is not the same sequence as the Music major in the BA. See Arts section for the non-teaching sequence in Music.

Music may be taken as a specialisation (11 units), a major (at least eight units) or a minor (at least four units).

#### Music specialisation

- MUHA11000 Music Culture of Pre-Baroque/Baroque Eras  
 MUHA21000 Music Culture of the Classical Era  
 MUHA23000 Music Culture of the Romantic Era  
 MUHA30000 Music Culture Post Romantic to 1945  
 MUHA31000 Music Culture WWII to the Present  
 MUHA32000 Pop Music and Composition Methods

*or*

- MUHA33000 Ethnomusicology & Contemporary Culture  
 MUPF12000 Performance Practice I  
 MUPF24000 Performance Practice II  
 MUPF25000 Performance Practice III  
 MUPF26000 Performance Practice IV  
 MUPF34000 Performance Practice V  
 MUPF35000 Performance Practice VI

#### Music major

- MUHA21000 Music Culture of the Classical Era  
 MUHA31000 Music Culture WWII to the Present  
 MUHA32000 Pop Music & Composition Methods  
 MUHA33000 Ethnomusicology and Contemporary Culture  
 MUPF12000 Performance Practice I  
 MUPF24000 Performance Practice II  
 MUPF25000 Performance Practice III  
 MUPF26000 Performance Practice IV

#### Music electives

- MUHA11000 Music Culture of Pre-Baroque/Baroque Eras  
 MUHA22000 Music Culture of the Romantic Era  
 MUHA23000 Music Culture Post Romantic to 1945  
 MUTR28700 European Study Tour  
 MUHA33000 Ethnomusicology and Contemporary Culture

#### Music minor

At least 24 credit points of Music units selected with the approval of the Music Strand Convenor

#### Music Curriculum Studies and advised education elective

- EDCZ27000 Curriculum Studies—Music  
 EDUC32600 Music Education

**Religious Studies****Religious Studies major**

BBNT16000	Gospels A
BBNT17000	New Testament Epistles A
THWR36400	World Religions

*and up to three of:*

BBOT28200	Pentateuchal Studies
ENGL21000	The Bible as Literature
ENGL25000	Literature and Religion
THSY21000	Contemporary Issues in Science and Theology
THSY26000	Ethics and Philosophy of Religion
THCH26500	Early and Medieval Church
HIST26500	The Reformation

*and at least two of:*

BBBI36000	Biblical Apocalypses
THCH37100	Historical Theology
THSY36000	Systematic Theology A (or THSY36100 Systematic Theology B)

NOTE: In a Religious Studies major for education students, it is recommended that EDUC14300 Christian Studies 1 be replaced by THSY16100 Introduction to Theology; and CSTD24300 Christian Studies II be replaced by THCH16500 SDA History and Ministry of Ellen White

**Religious Studies minor**

BBNT16000	Gospels A
BBNT17000	New Testament Epistles A
THWR36400	World Religions

*and at least one unit with a TH or BB prefix at 200-Level or above*

**Religious Studies—Curriculum Studies**

EDCZ26400	Curriculum Studies—Religion
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**Visual Arts**

Visual Arts may be taken as a specialisation, a major (at least eight units) or a minor (at least four units). It may also be taken as a double major (15 units).

NOTE: The Visual Arts specialisation contains seven units of Visual Arts (which is a recognised first teaching field) plus four units of Graphic Design (which is a recognised second teaching field). It also allows for another second teaching field of four units but no electives.

**Visual Arts specialisation**

VISC12000	Painting and Drawing I
VISC13000	3D Studies
VISC14100	Computer Generated Design
VISC21000	Studio I <i>or</i>
VISC24000	History of Art I
VISC31100	Studio and Research
VISC31300	Studio and Exhibition

*plus at least three more 300-Level units*

The remaining units are to be selected from the Visual Arts units offered, in consultation with the Course Convenor.

**Visual Arts double major**

VISC12000	Painting and Drawing I
VISC13000	3D Studies
VISC24000	History of Art I
VISC31100	Studio and Research
VISC31300	Studio and Exhibition

*plus*

ten more Visual Communication units (excluding Design Studios), three of which must be 300-Level.

**Visual Arts major—see grid on following pages**

NOTE: It is strongly recommended that students combine a Visual Arts Major with a Graphic Design Minor. Students seeking, at some point, Teacher Registration in New South Wales must take Graphic Design as a minor.

VISC12000	Painting and Drawing I
VISC12300	Photography and Sculpture
VISC24000	History of Art I

*and two of*

VISC21000	Studio I
VISC22000	Painting and Drawing II
VISC22100	Photography II
VISC23000	Advanced Ceramics

*and two of*

VISC30000	Aesthetics, Ethics and Issues
VISC31000	Studio II
VISC31100	Studio and Research
VISC31200	Studio III
VISC32000	Painting and Drawing III
VITR34000	History of Art II—Tour

**Visual Arts minor**

As a regular BA minor, four units of Visual Arts should be chosen from the Visual Arts Major sequence. It is possible to take three 100-Level units and a 200- or 300-Level unit. Students will need to consult with the strand and/or course co-ordinator and be mindful of satisfying prerequisites for chosen sequences.

As a four unit minor/second teaching field sequence in a BA/BTch degree, students should consider the Department of Education's preference for art teachers to have Art History/Theory as a requirement and include at least one, or both, of VISC24000 History of Art I or VITR34000 History of Art II—Tour.

NOTE: VITR34000 History of Art II—Tour is a study tour unit, visiting international art collections—this unit may not be offered every year.

VISC12000	Painting and Drawing I
VISC13000	3D Studies
VISC24000	History of Art I

*and one of:*

VISC12300	Photography and Sculpture
VISC22000	Painting and Drawing II
VISC22100	Photography II
VISC23000	Advanced Ceramics

**Visual Arts—Curriculum Studies and advised Education elective**

EDCZ26800 Curriculum Studies—Art and Design

EDCZ26900 Curriculum Studies—Visual Arts

EDUC34400 Art Education

**Degree structures**

The following pages outline the standard structure for the BA/ BTch degree and the Music and Visual Arts specialisations. Some flexibility is possible in the sequence of electives, Christian Studies units and sometimes in the major and minor sequences —see the Course Convenor for details.

<b>Bachelor of Arts/Bachelor of Teaching Standard Structure</b>				
Sem				
1	BA Major 100	BA Minor 100	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	BA Major 100	BA Minor 100	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	BA Major 200	BA Minor 200	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	BA Major 200	BA Major 200	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	BA Major 300	BA Minor 200	Curriculum Studies Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	BA Major 300	BA Elective	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	BA Major 300	BA Elective 200/300	BA Elective	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective 300	EDSP37600 Professional Development and Experience IVB

## Bachelor of Arts/Bachelor of Teaching History Major

Sem				
1	BA Major HIST16500 Australia: Prehistory to 1980	BA Minor 100	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	BA Major HIST16400 The Ancient World	BA Minor 100	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	BA Major 200	BA Minor 200	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	BA Major 200	BA Major 200	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	BA Major 300	BA Minor 200	Curriculum Studies Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	BA Major 300	BA Elective	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	BA Major 300	BA Elective 200/300	BA Elective/Additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective 300	EDSP37600 Professional Development and Experience IVB

**200 options**

HIST26300	The World Wars
HIST26200	Revolutions and Revolutionaries
HIST26500	The Reformation
HITR27600	Modern History Tour

**300 options**

HIST36900	Issues in Representation: History, Literature and Media
HIST37000	Themes in American History
HIST36700	Women's History in Western Europe to 1700
ARTS31000	Post-Colonial Studies

<b>Bachelor of Arts/Bachelor of Teaching Music Specialisation</b>				
Sem				
1	MUPF12000 Performance Practice I	BA Minor 100	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	MUPF24000 Performance Practice II	MUHA11000 Music Culture of Pre- Baroque/Baroque Eras	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	MUPF25000 Performance Practice III	MUHA21000 Music Culture of the Classical Era	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	MUPF26000 Performance Practice IV	MUHA22000 Music Culture of the Romantic Era	BA Minor 100	EDUC29500 Multicultural Education and Indigenous Studies
5	MUPF34000 Performance Practice V	MUHA23000 Music Culture Post- Romantic to 1945	Curriculum Studies Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	MUPF35000 Performance Practice VI	BA Minor 200	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	MUHA32000 Pop Music & Composition Methods or MUHA33000 Ethnomusicology & Contemporary Culture	BA Minor 200	EDUC24300 Christian Studies II	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective EDUC32600 Music Education	EDSP37600 Professional Development and Experience IVB

## Bachelor of Arts/Bachelor of Teaching

### Visual Arts Double Major

Sem	This Double Major does not permit a second teaching field (minor) or electives			
1	VISC12000 Painting and Drawing I	VISC14100 Computer Generated Design	EDUC15800 Literacy and Numeracy for Teachers	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	VISC12300 Photography and Sculpture	VISC24300 Publication Design I	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	VISC13000 3D Studies	VISC24000 History of Art I	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	VISC21000 Studio I or VISC23000 Advanced Ceramics	VISC31800 Multimedia Design	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	VISC31100 Studio and Research	VISC22100 Photography II	Curriculum Studies Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	VISC22000 Painting and Drawing II	VISC30000 Aesthetics, Ethics and Issues	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	VISC31000 Studio II	VISC31200 Studio III or VITR34000 History of Art II—Tour (when offered)	VISC32000 Painting and Drawing III	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III—Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	EDUC34400 Art Education	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Arts/Bachelor of Teaching</b>				
<b>Visual Arts Major</b>				
Sem	This format permits a second teaching field (minor) of four units and three electives			
1	VISC12000 Painting and Drawing I	VISC13000 3D Studies	EDUC15800 Literacy and Numeracy for Teachers	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	VISC12300 Photography and Sculpture	BA Minor 100	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	VISC24000 History of Art I	BA Minor 200	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	VISC22000 Painting and Drawing II	BA Minor 200	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	VISC22100 Photography II	BA Minor 200	Curriculum Studies Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	VISC31000 Studio II <i>or</i> VISC30000 Aesthetics, Ethics and Issues <i>or</i> VITR34000 History of Art II—Tour <i>(when offered)</i>	BA Elective 100	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	VISC31100 Studio and Research <i>or</i> VITR32000 Painting and Drawing III <i>or</i> VISC31200 Studio III	BA Elective 200/300	BA Elective/Additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	EDUC34400 Art Education	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Arts/Bachelor of Teaching Visual Arts Specialisation</b>				
<b>Sem</b>	This specialisation contains seven units of Visual Arts which is a recognised first teaching field, and four units of Graphic Design, which is a recognised second teaching field. It also permits another second teaching field of four units but no electives			
1	VISC12000 Painting and Drawing I	VISC14100 Computer Generated Design	EDUC15800 Literacy and Numeracy for Teachers	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	VISC12300 Photography and Sculpture	VISC24300 Publication Design I	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	VISC13000 3D Studies	VISC24000 History of Art I	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	VISC22000 Painting and Drawing II	VISC23000 Advanced Ceramics <i>or</i> BA Minor 100	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	VISC22100 Photography II <i>or</i> BA Minor 100	BA Minor 100	Curriculum Studies Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	VISC31800 Multimedia Design	VISC30000 Aesthetics, Ethics and Issues	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	VISC21000 Studio I <i>or</i> VISC32000 Painting and Drawing III <i>or</i> VITR34000 History of Art II—Tour <i>(when offered)</i>	BA Minor 200	BA Minor 200	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III—Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	EDUC34400 Art Education	EDSP37600 Professional Development and Experience IVB

NOTE: If VISC23000 Advanced Ceramics is chosen in Semester 4, then the BA Minor *must* be taken in Semester 5 instead of VISC22100 Photography II. If BA Minor is chosen in Semester 4 then VISC22100 is taken in Semester 5 instead of the BA Minor.

## Bachelor of Business/Bachelor of Teaching

Course code: 4300

Course Convenor: Mr Jason Hinze

The Bachelor of Business/Bachelor of Teaching combines professional studies in education with studies in Bachelor of Business disciplines appropriate to equip graduates for secondary teaching.

### Duration

Four years full-time or equivalent part-time.  
Four-and-a-half years full-time or equivalent part-time for honours program.

### Credit points

192 credit points  
210 credit points (Honours program)

### Abbreviation of course title

BBus/BTch  
BBus/BTch (Honours)

### Accreditation

The degrees are accredited by the NSW Department of Education and Training.

### Entry requirements

The general entry requirements for Avondale degree courses are stated in the Academic Policies section of the Handbook. In addition, the following major has specific entry requirements:

#### Information Technology

HSC Mathematics or its equivalent is recommended.

### Course structure

The BBus/BTch is a four-year program of 192 credit points combining studies in business with professional studies in Education. The BBus strand contributes 90 credit points to the combined degree.

In the BBus strand, students complete a Business Studies major (48 credit points) and minor (18 credit points) and a business-core (24 credit points).

The BTch components of the degree are described above under Secondary Education Degrees. Specific BTch units are shown on the BBus/BTch Structure at the end of this section.

### BBus strand major concentrations

Accounting  
Human Resource Management  
Marketing

### BBus strand minor concentrations

A minor concentration in the BBus/BTch degree may comprise units from a single discipline or units from two disciplines chosen from the following:

Accounting  
Information Technology  
Legal Studies  
Human Resource Management  
Marketing

In the minor concentration, no more than 12 credit points may be taken at the 100-Level. The sequence of units must be approved by the Dean of the Faculty of Business and the Dean of the Faculty of Education and Science.

### Business-core units

Business-core units complement the major and minor concentrations, ensuring an appropriate breadth of business studies in each student's program.

### Summary of minimum requirements in the BBus/BTch degree

Component of course	Credit points
Christian Studies units	18
BBus Major	48
BBus Minor	18
BBus Business-core	24
Education units	36
Curriculum units	12
Professional development and experience	36
TOTALS	192

### BBus strand combination sequences

#### Accounting major concentration

##### Business-core

Choose three units from the following eight core units

ACCT16300 Introduction to Accounting  
ICTM16400 Introduction to Information Management  
ECON12200 Introduction to Economics  
LAWS14500 Business Law  
MATH16300 Business Statistics  
MNGT14500 Organisations in a Business Context  
FNCE20000 Business Finance  
INFS21600 Management Information Systems

**and Accounting major**

ACCT16500	Financial Accounting and Reporting
ACCT22600	Business Systems Applications
ACCT26000	Corporate Accounting
ACCT26400	Management Accounting Fundamentals
ACCT31500	Contemporary Accounting Issues
ACCT31700	Accounting Theories
ACCT33400	Auditing and Assurance Services
ACCT34200	Australian Tax Law and Practice

*and one of the following minor concentrations:*

**Information Technology**

A cohesive sequence of 3 related IT associated units (see Strand Convenor for units available)

*or*

**Human Resource Management**

MNGT26100	Organisational Behaviour
MNGT27000	Human Resource Management
LAWS28000	Workplace Relations

**Human Resource Management specialisation**

*Choose three units from the following eight core units*

ACCT16300	Introduction to Accounting
ICTM16400	Introduction to Information Management
ECON12200	Introduction to Economics
LAWS14500	Business Law
MATH16300	Business Statistics
MNGT14500	Organisations in a Business Context
FNCE20000	Business Finance
INFS21600	Management Information Systems

*and*

**Human Resource Management major**

MKTG28100	Marketing Communication
MNGT26100	Organisational Behaviour
HRMT27000	Human Resource Management
LAWS28000	Workplace Relations
MNGT34500	New Business Ventures and the Entrepreneur
HRMT36500	Strategic Responses for Human Resource Managers
HRMT38500	Managing Human Resources and Diversity

*and one of the following minor concentrations:*

**Accounting**

ACCT16500	Financial Accounting and Reporting
ACCT26400	Management Accounting Fundamentals
ACCT26000	Corporate Accounting

*or*

**Information Technology**

A cohesive sequence of 3 related IT associated units (see Strand Convenor for units available)

*or*

**Marketing**

MKTG26000	Consumer Behaviour
MKTG28300	Services Marketing
MKTG28100	Marketing Communication

**Marketing major specialisation**

*Choose three units from the following eight core units*

ACCT16300	Introduction to Accounting
ICTM16400	Introduction to Information Management
ECON12200	Introduction to Economics
LAWS14500	Business Law
MATH16300	Business Statistics
MNGT14500	Organisations in a Business Context
FNCE20000	Business Finance
INFS21600	Management Information Systems

*and*

**Marketing major**

MKTG26000	Consumer Behaviour
MKTG28300	Services Marketing
MKTG28100	Marketing Communication
MKTG26100	Organisational Behaviour
MKTG36000	Current Issues in Electronic Marketing
MKTG36200	Marketing Project
MKTG36500	Strategic Responses for Marketing
MKTG38500	Managing Marketing Diversity

*and one of the following minor concentrations:*

**Accounting**

ACCT16500	Financial Accounting and Reporting
ACCT26400	Management Accounting Fundamentals
ACCT26000	Corporate Accounting

*or*

**Information Technology**

A cohesive sequence of 3 related IT associated units (see Strand Convenor for units available)

*or*

**Human Resource Management**

MNGT26100	Organisational Behaviour
HRMT27000	Human Resource Management
LAWS28000	Workplace Relations

*or*

**Law**

LAWS14500	Business Law
LAWS26000	Corporate Law
LAWS28000	Workplace Relations

## BBus Curriculum Studies

NOTE: students select two of the following Curriculum Studies units as determined by their major/minor combinations.

### *for Accounting*

EDCZ21800 Curriculum Studies—Commerce and Legal Studies

EDCZ27600 Curriculum Studies—Business Studies

### *for Information Technology*

EDCZ25100 Curriculum Studies—Computing

EDCZ27600 Curriculum Studies—Business Studies

### *for Human Resource Management*

EDCZ21800 Curriculum Studies—Commerce and Legal Studies

EDCZ27600 Curriculum Studies—Business Studies

### *for Marketing*

EDCZ21800 Curriculum Studies—Commerce and Legal Studies

EDCZ27600 Curriculum Studies—Business Studies

## Degree structure

The following pages summarise the standard structure for the BBus/BTch course. Some flexibility in the sequence of electives is possible. Christian Studies units and sometimes the major and minor sequences may be varied. See the Course Convenor for details.

<b>Bachelor of Business/Bachelor of Teaching Standard Structure</b>				
Sem				
1	BBus core ACCT16300 Introduction to Accounting	BBus core MNGT14500 Organisations in a Business Context	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 2 weeks)</b>				
2	BBus Major or Minor	BBus core ECON12200 Introduction to Economics	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	BBus Major or Minor	BBus Major or Minor	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	BBus Major or Minor	BBus core LAWS14500 Business Law	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	BBus Major or Minor	BBus Major or Minor	Curriculum Studies Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	BBus Major or Minor	BBus Major or Minor	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	BBus Major or Minor	BBus Major or Minor	BBus Major or Minor	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective 300	EDSP37600 Professional Development and Experience IVB

# Bachelor of Science/Bachelor of Teaching

Course code: 4400

Course Convenor: Mr Jason Hinze

The Bachelor of Science/Bachelor of Teaching combines professional studies in education with studies in Bachelor of Science disciplines appropriate to equip graduates for secondary teaching.

## Duration

Four years full-time or equivalent part-time.

Four-and-a-half years full-time or equivalent part-time (Honours)

## Credit points

192 credit points

210 credit points (Honours program)

## Abbreviation of course title

BSc/BTch

BSc/BTch (Honours)

## Accreditation

The degrees are accredited by the NSW Department of Education and Training, and the NSW Institute of Teachers.

## Entry requirements

The general entry requirements for Avondale degree courses are stated in the Academic Policies section of the Handbook. In addition, the following majors have specific entry requirements:

### Biology

HSC (or equivalent) Science unit and Chemistry Bridging Course, *or* recommendation of the School of Science and Mathematics.

HSC (or equivalent) Biology is recommended.

### Chemistry

HSC (or equivalent) Chemistry, *or* recommendation of the Faculty of Science and Mathematics, *and*

HSC (or equivalent) Mathematics, *or* recommendation of the School of Science and Mathematics.

### Food and Nutrition

HSC (or equivalent) Science unit and Chemistry Bridging Course, *or* recommendation of the School of Science and Mathematics.

HSC (or equivalent) Biology is recommended.

### Mathematics

Recent HSC Mathematics Extension 1, or its equivalent, *or* recommendation of the School of Science and Mathematics.

### Physics

HSC (or equivalent) Physics, *or* recommendation of the School of Science and Mathematics, *and*

HSC Mathematics Extension 1, or its equivalent, *or* recommendation of the School of Science and Mathematics.

## Course structure

The BSc/BTch is a four-year program of 192 credit points combining professional studies in Education with studies in the disciplines from the BSc degree. The BSc strand contributes 84–90 credit points to the combined degree, while the BTch strand is 102–108 credit points.

Students choose a major (at least 48 credit points) and a minor (at least 24 credit points) from a range of BSc disciplines. Electives in the degree may be used to augment the major and/or minor, or to develop an additional teaching field. The major and minor are structured in such a way as to satisfy the minimum requirements of the NSW Institute of Teachers for a first and second teaching field when combined with the appropriate professional studies.

The professional (BTch) components of the degree are described under Secondary Education Degrees.

## Summary of minimum requirements in the BSc/BTch degree

Component of course	Credit points
Christian Studies units	18
BSc Major	48
BSc Minor	24
BSc Electives	18
Education units	36
Curriculum units	12
Professional development and experience	36
TOTALS	192

## Major/minor sequences

Note: Discipline Electives may replace units in the major/minor sequences in consultation with the Bachelor of Science Strand Convenor.

### Biology

#### Biology major

BIOL16000	Biology I
BIOL16100	Comparative Functional Biology
BIOL26100	Biochemistry
BIOL26200	Ecology
BIOL26400	General Microbiology <i>or</i>
BIOL26000	General Human Physiology

BIOL36200	Plant Biology ( <i>odd years</i> )
BIOL36300	Mammalian Studies
BIOL36500	Molecular Biology ( <i>even years</i> )
BIOL36600	Conservation Ecology ( <i>even years</i> )

**Biology elective**

BIOL39000	Seminar in Biology
GEOP33000	Biogeography

**Biology minor**

BIOL16000	Biology I
BIOL16100	Comparative Functional Biology
BIOL26200	Ecology

and at least one of:

BIOL26000	General Human Physiology
BIOL26100	Biochemistry
BIOL36300	Mammalian Studies
BIOL26400	General Microbiology

**Biology minor (Physical Education Students only)**

CHEM16300	General Chemistry
CHEM16100	Chemistry IB
BIOL20000	General Biology
BIOL26200	Ecology

**Curriculum studies and advised Education elective**

EDCZ24000	Curriculum Studies—Biology
EDUC37500	Science in Education

**Institute of Teachers (NSW) requirements for Registration as a Science Teacher**

Students studying Biology as a major or minor are required to study at least two units in Chemistry or Physics in their degree to qualify for a first or second teaching field in Biology.

**Chemistry****Chemistry major**

CHEM16000	Chemistry IA
CHEM16100	Chemistry IB
CHEM21000	Organic Chemistry ( <i>even years</i> )
CHEM26000	Physical and Inorganic Chemistry IIA ( <i>odd years</i> )
CHEM26100	Physical and Inorganic Chemistry IIB ( <i>odd years</i> )
CHEM31000	Advanced Organic Chemistry ( <i>even years</i> )
CHEM32500	Solid State Chemistry and Spectroscopy ( <i>odd years</i> )
CHEM32600	Environmental Chemistry ( <i>odd years</i> )

**Chemistry major electives**

CHEM21500	Biomolecular Chemistry ( <i>even years</i> )
CHEM32700	Organometallic and Bioinorganic Chemistry ( <i>even years</i> )
CHEM32800	Food Chemistry
CHEM39000	Seminar in Chemistry

**Chemistry minor**

CHEM16000	Chemistry IA
CHEM16100	Chemistry IB

and at least two (one of which should be CHEM26000 or CHEM26100) of:

CHEM21000	Organic Chemistry ( <i>even years</i> )
CHEM21500	Biomolecular Chemistry ( <i>even years</i> )
CHEM26000	Physical and Inorganic Chemistry IIA ( <i>odd years</i> )
CHEM26100	Physical and Inorganic Chemistry IIB ( <i>odd years</i> )

**Curriculum studies and advised Education elective**

EDCZ24200	Curriculum Studies—Chemistry
EDUC37500	Science in Education

**Institute of Teachers (NSW) requirements for accreditation as a Science teacher**

Students studying Chemistry as a major or minor are required to study at least two units in Biology or Physics in their degree to qualify for a first or second teaching field in Chemistry

**Food and Nutrition**

NOTE: Units in italics are offered by arrangement with the University of Newcastle (UoN)

**Food and Nutrition major**

DTFN11100	Food Nutrition and Health
DTFN21100	Food Production Systems
BIOL26400	General Microbiology
DTFN21200	Food Science and Innovation
HPFH20100	Nutrition Development and Performance
DTFN31200	Food Product Design Project
<i>FSHN3010</i>	<i>Food Processing and Quality Management</i>
DTFN31100	Food Industry Experience <i>or</i>
HPFH36300	Health Promotion <i>or</i>
BIOL37000	Food Microbiology <i>or</i>
<i>FSHN3420</i>	<i>Food Packaging</i>

**Food and Nutrition electives**

<i>FSHN3230</i>	<i>Food Analysis</i>
<i>FSHN3420</i>	<i>Food Packaging</i>

**NOTES:**

It is mandatory that a Food and Nutrition major be studied in association with an appropriate Biological Science minor.

Units in italics are offered from The University of Newcastle (Central Coast Campus). Students should consult with the Bachelor of Science Strand Convenor in relation to any changes in the units offered by The University of Newcastle.

**Food and Nutrition minor**

DTFN11100	Food Nutrition and Health
DTFN21100	Food Production Systems
DTFN21200	Food Science and Innovation
HPFH20100	Nutrition Development and Performance <i>or</i>
DTFN31200	Food Product Design Project

NOTE: Students choosing a Food and Nutrition minor are required to select a Biology major.

**Curriculum studies and advised Education elective**

EDCZ21300	Curriculum Studies—Food and Health
EDUC37500	Science in Education



## Degree structure

The following pages summarise the standard structure for the BSc/BTch course. Some flexibility in the sequence of electives is possible. Christian Studies units and the major and minor sequences also may be varied. See the Course Convenor for details.

<b>Bachelor of Science/Bachelor of Teaching Standard Structure</b>				
<b>Sem</b>				
1	BSc Major 100	BSc Minor 100 or BSc Prerequisite	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	BSc Major 100	BSc Minor 100	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	BSc Major 200	BSc Minor 200 or 100	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	BSc Major 200	BSc Major 200	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	BSc Major 300	BSc Minor 200	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	BSc Major 300	BSc Elective or BSc Minor 200	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	BSc Major 300	BSc Elective	BSc Elective/ additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective EDUC37500 Science in Education	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Science/Bachelor of Teaching Biology major</b>				
<b>Sem</b>	<b><i>For the student choosing General Human Physiology rather than General Microbiology</i></b>			
1	BSc Major BIOL16000 Biology 1	BSc Prerequisite CHEM16300 <i>or</i> CHEM16000 Chemistry IA	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	BSc Major BIOL16100 Comparative Functional Biology	CHEM16100 Chemistry IB	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	BSc Major BIOL26100 Biochemistry	BSc Minor 100/200	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	BSc Major BIOL26000 General Human Physiology <i>or</i> BIOL36500 Molecular Biology ( <i>even years</i> )	BSc Minor 100/200	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	BSc Major BIOL26200 Ecology	BSc Minor 200 <i>or</i> BSc elective	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	BSc Major BIOL36500 Molecular Biology ( <i>even years</i> ) <i>or</i> BIOL26000 General Human Physiology	BSc Major BIOL36300 Mammalian Studies	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	BSc Major GEOP33000 Biogeography	BSc Minor 200/300 <i>or</i> BSc Elective	BSc Elective/ additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective EDUC37500 Science in Education	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Science/Bachelor of Teaching Biology Major</b>				
<b>Sem</b>	<b><i>For the student choosing General Microbiology rather than General Human Physiology</i></b>			
1	BSc Major BIOL16000 Biology 1	BSc Prerequisite CHEM16300 <i>or</i> CHEM16000 Chemistry IA	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	BSc Major BIOL16100 Comparative Functional Biology	CHEM16100 Chemistry IB	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	BSc Major BIOL26100 Biochemistry <i>or</i> BIOL26200 Ecology	BSc Minor 100/200	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	BSc Major BIOL36500 Molecular Biology ( <i>even years</i> ) <i>or</i> BIOL36300 Mammalian Studies	BSc Minor 100/200	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	BSc Major BIOL26200 Ecology <i>or</i> BIOL26100 Biochemistry	BSc Major BIOL26400 General Microbiology <i>or</i> GEOP33000 Biogeography	Curriculum Studies Major/Minor( <i>year long</i> ) 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	BSc Major BIOL36300 Mammalian Studies <i>or</i> BIOL36500 Molecular Biology ( <i>even years</i> )	BSc Minor 200/300	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	BSc Major GEOP33000 Biogeography <i>or</i> BIOL26400 General Microbiology	BSc Minor 200/300 <i>or</i> BSc elective	BSc Elective/ additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective EDUC37500 Science in Education	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Science/Bachelor of Teaching Chemistry major</b>				
<b>Sem</b>	For the student choosing a Chemistry major			
1	CHEM16000 Chemistry 1A	MATH16000 Mathematics IA or MA16400 General Mathematics	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	CHEM16100 Chemistry IB	BSc elective 100	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	CHEM21000 Organic Chemistry ( <i>even years</i> ) or CHEM26000 Physical and Inorganic Chemistry IIA ( <i>odd years</i> )	BSc Minor 100 ( <i>even years</i> ) or CHEM26100 Physical and Inorganic Chemistry IIB ( <i>odd years</i> )	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	CHEM31000 Advanced Organic Chemistry ( <i>even years</i> ) or CHEM32500 Solid State Chemistry and Spectroscopy ( <i>odd years</i> )	BSc Minor 100 ( <i>even years</i> ) or CHEM32600 Environmental Chemistry ( <i>odd years</i> )	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	CHEM26000 Physical and Inorganic Chemistry IIA ( <i>odd years</i> ) or CHEM21000 Organic Chemistry ( <i>even years</i> )	CHEM26100 Physical and Inorganic Chemistry IIB ( <i>odd years</i> ) or BSc Minor 100 ( <i>even years</i> )	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	CHEM32500 Solid State Chemistry and Spectroscopy ( <i>odd years</i> ) or CHEM31000 Advanced Organic Chemistry ( <i>even years</i> )	CHEM32600 Environmental Chemistry ( <i>odd years</i> ) or BSc Minor 100 ( <i>even years</i> )	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	BSc Minor 200	BSc Minor 200	BSc Elective/ additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective EDUC37500 Science in Education	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Science/Bachelor of Teaching Food and Nutrition Major/Biological Science Minor</b>				
<b>Sem</b>				
1	CHEM16300 General Chemistry or CHEM16000 Chemistry IA	Minor 100 BIOL16000 Biology I	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	Major DTFN11100 Food Nutrition and Health	Minor 100 BIOL16100 Comparative Functional Biology	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	Major DTFN21100 Food Production Systems	Minor 200 BIOL26400 General Microbiology	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	Major DTFN21200 Food Science and Innovation	CHEM16100 Chemistry IB	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	Major HPFH20100 Nutrition Development and Performance	Minor 200 BIOL26100 Biochemistry	Curriculum Studies Major/Minor EDCZ21300 Curriculum Studies— Food and Health ( <i>year long</i> )	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	Major HPFH36300 Health Promotion, or BIOL37000 Food Microbiology (Prerequisites BIOL26100 and BIOL26400) or <i>FSHN3420 Food Packaging,</i> or DTFN31100 Food Industry Experience	BIOL26000 General Human Physiology	Curriculum Studies Major/Minor EDCZ24000 Curriculum Studies— Biology ( <i>year long</i> )	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	Major DTFN31200 Food Product Design Project	Major <i>FSHN3010 Food Processing and Quality Management</i>	BSc Elective/ Recommend BIOL26200 Ecology	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective EDUC37500 Science in Education	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Science/Bachelor of Teaching Mathematics major</b>				
Sem				
1	BSc Major MATH16000 Mathematics IA	BSc Minor	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	BSc Major MATH16100 Mathematics IB	BSc Minor 100	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	MATH26000 Calculus II	BSc Minor 100/200	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	MATH26100 Algebra II	BSc Minor 200	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	MATH26200 Statistics II ( <i>odd years</i> ) or MATH36200 Mathematical Analysis ( <i>even years</i> )	MATH361000 Algebra III	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	BSc Elective	MATH36300 Advanced Mathematical Methods	Curriculum Studies Major/Minor 200 ( <i>year long</i> )	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	BSc Elective	MATH26200 Statistics II ( <i>odd years</i> ) or MATH36200 Mathematical Analysis ( <i>even years</i> )	BSc Elective/ additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective 300	EDSP37600 Professional Development and Experience IVB

<b>Bachelor of Science/Bachelor of Teaching Physics major</b>				
<b>Sem</b>				
1	PHYS16000 Physics IA	BSc Prerequisite MATH16000 Mathematics IA	EDUC15600 Literacy in Education	EDSP17000 Professional Development and Experience IA
<b>Professional Experience (July, 3 weeks)</b>				
2	PHYS16100 Physics IB	BSc Prerequisite MATH16100 Mathematics IB	EDUC14300 Christian Studies for Teachers I	EDSP17100 Professional Development and Experience IB
3	PHYS26100 From Quantum to Quark	BSc Prerequisite MATH26000 Calculus II	EDUC26000 Theories of Development and Learning	EDSP27000 Professional Development and Experience II
<b>Professional Experience (July, 3 weeks)</b>				
4	<i>PHYS2260 Electromagnetism</i>	BSc Minor 100	EDUC24300 Christian Studies II	EDUC29500 Multicultural Education and Indigenous Studies
5	<i>PHYS3350 Quantum, Atomic &amp; Molecular Physics</i>	<i>PHYS2250 Classical Physics and Special Relativity</i>	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	<i>PHYS3390 Solid State and Nanoscience, or PHYS3310 Lasers &amp; Applications, or PHYS3290 Special Relativity</i>	BSc elective <i>or</i> BSc Minor 100	Curriculum Studies Major/Minor ( <i>year long</i> ) 200	EDUC21600 Computers, Learning and Practitioner-based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	PHYS36300 Electronics Applications	BSc Minor 200 <i>or</i> BSc Elective	BSc Minor <i>or</i> BSc Elective/additional Curriculum Studies	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III— Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective EDUC37500 Science in Education	EDSP37600 Professional Development and Experience IVB

NOTE: Units in italics are offered by arrangement with the University of Newcastle. Students should consult with the Head of the School of Science & Mathematics regarding unit choice as units may not be offered every year

## Honours Degrees

Strand Convenor: A/Prof Philip Fitzsimmons

### Aim of Honours Program

The honours degree allows selected students to complete a program in research methodology and conduct their own research under supervision. The program enhances the efforts of high potential students to develop the skills of research, enhance their professional standing and influence the practice of the teaching profession through their initiation into research. The program also facilitates the students' future access to research-based postgraduate studies.

### Structure and Duration of the Honours Degree

The honours degree is offered as a part of the Early Childhood, Primary and Secondary undergraduate courses. The credit point loading varies with the degree program. Readers should refer to the particular grid of the course they are undertaking to establish the credit point loading and duration of their particular honours course. In the four-year degree mode, the first two years of the honours program are identical to the first two years of the corresponding undergraduate degree. Those graduates entering the Bachelor of Teaching who wish to do honours should liaise with the honours Strand Convenor at the time of registration. The honours degree is not offered in distance mode.

The honours program runs over four semesters of the honours degree course and includes a total of four units (one unit per semester). The first two of these units, EDHN42000 Research Methods I and EDHN42100 Research Methods II, introduce students to the scope of research methods in education, require the development of a research proposal and the successful application for ethics clearance for the research project. The ethics application requires the completion of all research instruments and protocols.

The following two units, EDHN42200 Research Project A and EDHN42300 Research Project B, require students to collect and analyse their data and produce a thesis.

### Selection of Students

In order for undergraduate students to be eligible for selection into the final two years of the honours program, a student must have achieved:

- an average mark of 75% or greater in the academic units (excluding the marks for Professional Experience) within the first two years of the course;
- not less than a credit average in the second year Professional Experience sessions.

Students entering the honours program are assumed to have above average knowledge, skill and appreciation of professional education appropriate to their stage of development. Since

the number of students accommodated within the honours program depends upon the number of potential supervisors available, a total of not more than twelve places will be offered to students in order of merit according to their average mark in academic units and in accordance with the above criteria.

### The Supervisor

The research project will be conducted under the supervision of an assigned supervisor. During the second semester of the honours program, each student will work with a mentor. At the end of the second semester, students will meet individually with the Strand Convenor and will have input into the assignment of supervisors. Mentors will often become supervisors. The students will work with the supervisor over the course of the third and fourth semesters of the honours program. Supervisors will be assigned by the Strand Convenor.

The supervisor will have responsibility to guide, support and facilitate the research program conducted by the student. It is expected that regular (say fortnightly) meetings will occur between students and their supervisors. Supervisors must remain aware of initial and subsequent contact between students and institutions from which data is being gathered.

### The Honours thesis

The length of the thesis is to lie between 12,000 and 15,000 words (approximately 55 pages in length). While there is no prescribed format, all theses to date have been divided into chapters. The thesis will follow the American Psychological Association (APA) style as indicated in the Faculty Assignment Guide.

### Assessment of Theses

Each thesis will be examined by two persons with appropriate and current academic experience within the same field of research as detailed by the thesis. At least one of these persons will be employed by a university other than Avondale College. The examiners will be independent of the supervisor. An ad hoc Honours Assessment Committee will be convened by the Strand Convenor to consider reports from the examiners and from the supervisors. This committee will present its assessment recommendations to the Faculty Exam Board.

The potential grades assigned to honours theses are:

- Honours Class 1
- Honours Class 2 Division 1
- Honours Class 2 Division 2
- Honours Class 3

While it is possible for students to fail in the honours program, it is expected that the supervisor and Strand Convenor will advise students seriously at risk of failing to withdraw from the program.

## Honours Degrees in Secondary Education Courses

### Bachelor of Arts/Bachelor of Teaching (Honours)

Course code: 4700

Course Convenor: Mr Jason Hinze

Honours Strand Convenor: A/Prof Philip Fitzsimmons

### Bachelor of Business/Bachelor of Teaching (Honours)

Course code: 4800

Course Convenor: Mr Jason Hinze

Honours Strand Convenor: A/Prof Philip Fitzsimmons

### Bachelor of Science/Bachelor of Teaching (Honours)

Course code: 4900

Course Convenor: Mr Jason Hinze

Honours Strand Convenor: A/Prof Philip Fitzsimmons

### Bachelor of Education (Secondary) (Honours)

Course code: 4799

Course Convenor: Mr Jason Hinze

Honours Strand Convenor: A/Prof Philip Fitzsimmons

### Course Structure

After completing the first two years of the BA/BTch, or BBus/BTch, or BSc/BTch or BEd (Secondary) course students may gain entry into the Honours program based on academic performance. The regular program is modified as illustrated below. Honours units, which are shown in bold, replace the following units in the regular program:

Semester 5:

**EDHN42000 Research Methods I** replaces an elective unit or a negotiated unit from the specialisation.

Semester 6:

**EDHN42100 Research Methods II** replaces EDUC21600 Computing, Learning and Practitioner-based research.

Semester 7:

**EDHN42200 Research Project IA** replaces an elective unit or a negotiated unit from the specialisation.

Semester 8:

**EDHN42300 Research Project IB** replaces the 300-Level Education Elective.

## BA/BTch, BEd (Secondary)—(Honours) Standard Structure

Sem				
5	Teaching Specialisation or Major or Minor	EDHN42000 Research Methods I	Curriculum Studies Specialisation/ Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	Teaching Specialisation or Major or Minor	Teaching Specialisation or Major or Minor	Curriculum Studies Major/Minor 200	EDHN421 Research Methods II
<b>Professional Experience (February, 3 weeks)</b>				
7	Teaching Specialisation or Major or Minor	Teaching Specialisation or Major or Minor	EDHN42200 Research Project IA	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	EDHN42300 Research Project IB	EDSP37600 Professional Development and Experience IVB

## BBus/BTch, BSc/BTch (Secondary)—(Honours) Standard Structure

Sem				
5	Teaching Major or Minor	EDHN42000 Research Methods I	Curriculum Studies Major/Minor 200	EDSP37000 Professional Development and Experience III
<b>Professional Experience (July, 3 weeks)</b>				
6	Teaching Major or Minor	EDHN42100 Research Methods II	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-Based Research
<b>Professional Experience (February, 2 weeks)</b>				
7	Teaching Major or Minor	Teaching Major or Minor	EDHN42200 Research Project IA	EDSP37500 Professional Development and Experience IVA
<b>Professional Experience (July–August, 6 weeks)</b>				
8	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	EDHN42300 Research Project IB	EDSP37600 Professional Development and Experience IVB
9	Teaching Major or Minor	Teaching Major or Minor or Elective	Teaching Major or Minor or Elective	

# Graduate Entry Degrees in Primary and Secondary Education

## Bachelor of Teaching (Primary)

Course code: 4601

Course Convenor: Dr Andrew Matthes

The Bachelor of Teaching (Primary) is a graduate-entry bachelor degree designed to prepare students to teach at the primary level. Graduates are qualified to teach in the Seventh-day Adventist Church school system both in Australia and overseas, as well as in the wider educational sector of government and non-government schools.

### Duration

*Regular program*

Two years full-time or equivalent part-time

*Honours program*

Two-and-a-half years full-time or equivalent part-time

### Credit points

Bachelor of Teaching (Primary) 96 credit points

### Mode of delivery

On campus

### Abbreviation of course title

BTch (Primary)

BTch (Primary) (Honours)

### Accreditation

The degrees are accredited by the NSW Department of Education and Training.

### Entry requirements

Entry into the BTch (Primary) degree requires a suitable undergraduate degree that meets the teaching requirements of the NSW Department of Education and Training for primary teaching. It is the responsibility of students to confirm with the NSW Department of Education and Training that their undergraduate qualification meets these requirements. (See also “State Registration Requirements” under “Education Degrees” in the undergraduate courses section of the Handbook).

### Self-disclosure and criminal records check

Current legislation requires Avondale students who will be engaged in professional experience involving children or young people to sign a self-disclosure form (Prohibited Persons Declaration) and consent to a criminal records check. All Avondale teacher education students are required to undergo these checks.

### Course structure

The Bachelor of Teaching (Primary) is a two-year, graduate entry course of 96 credit points. It is structured to include, with some variations, the educational and professional units of the four-year Bachelor of Education (Primary) undergraduate degree. The course requirements include 70 days of professional experience, which occurs between semesters, in February and July of each year, and five days in-semester during the first year of the course. The course is comprised of *Christian Studies*, *Curriculum Studies*, *Education*, and *Professional Development and Experience*.

A *Christian Studies* unit is required of all undergraduate students and addresses the religious, ethical and social value emphases of Avondale’s philosophy of Christian education.

*Curriculum Studies* units focus on content and methods of teaching for the key learning areas of the primary school curriculum. Students are familiarised with both NSW State and Seventh-day Adventist syllabus documents with the intention that they should be prepared to teach effectively in either government, independent, or church-related schools.

*Education* units provide a theoretical base to the teaching/learning process.

*Professional Development and Experience* units address the teaching strategies, skills and practices involved in teaching in the primary classroom and provide opportunities for continuous school-based professional experience, offering increasing responsibilities within a variety of school settings for periods of three to six weeks at a time. The course requires a total of 70 days of professional experience.

### Summary of minimum requirements in the BTch (Primary) degree

Component of course	Credit points
Christian Studies units	6
Curriculum Studies units	54
Education units	12
Professional Development and Experience units	24
TOTALS	96

## Bachelor of Teaching (Primary) course sequence

### Christian Studies unit

EDUC34300 Christian Studies III—Philosophy of Christian Education

### Curriculum studies units

EDCP21700 Curriculum Studies—Creative Arts

EDCP22500 Curriculum Studies—English I

EDCP22600 Curriculum Studies—English II

EDCP23200 Curriculum Studies—Personal Development, Health and Physical Education

EDCP27000 Curriculum Studies—Religion

EDCP28300 Curriculum Studies—Science and Technology

EDCP28500 Curriculum Studies—Human Society and its Environment I

EDCP29800 Curriculum Studies—Mathematics I

EDCP29900 Curriculum Studies—Mathematics II

### Education units

EDUC29500 Multicultural Education and Indigenous Studies

EDUC30000 Individual Differences and the Atypical Child

### Professional development and experience units

EDPP18000 Professional Development and Experience IA (BTch)

EDPP18100 Professional Development and Experience IB (BTch)

EDPP38500 Professional Development and Experience IVA (BTch)

EDPP38600 Professional Development and Experience IVB (BTch)

<b>Bachelor of Teaching (Primary)</b>				
<b>Sem</b>				
1	EDCP29800 Curriculum Studies— Mathematics I	EDCP21700 Curriculum Studies— Creative Arts (BTch)	EDCP22500 Curriculum Studies— English I	EDPP18000 Professional Development and Experience IA (BTch)
<b>Professional Experience (July, 4 weeks)</b> <b>Education Related Professional Experience (Insemester, 5 days)</b>				
2	EDCP27000 Curriculum Studies— Religion	EDUC29500 Multicultural Education and Indigenous Studies	EDCP22600 Curriculum Studies— English II	EDPP18100 Professional Development and Experience IB (BTch)
<b>Professional Experience (February, 3 weeks)</b>				
3	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	EDCP23200 Curriculum Studies— Personal Development, Health and Physical Education	EDPP38500 Professional Development and Experience IVA (BTch)
<b>Professional Experience (July–August, 6 weeks)</b>				
4	EDCP29900 Curriculum Studies— Mathematics II	EDCP28500 Curriculum Studies— Human Society and its Environment I	EDCP28300 Curriculum Studies— Science and Technology (BTch)	EDPP38600 Professional Development and Experience IVB (BTch)

## Bachelor of Teaching (Primary) (Honours)

Course code: 4602

Course Convenor: Dr Andrew Matthes

The honours option allows selected students to complete a program in research methodology and conduct their own research under supervision. Furthermore, this program enhances the efforts of high potential students to influence professional practice through research and facilitates access for students to proceed to research-based studies at Masters or Doctoral level.

The honours option in the BTch (Primary) comprises 120 credit points typically spread over five semesters of full-time (or equivalent part-time) study.

### Special admission requirements for the honours program

An average mark of 75% or greater in the units of the undergraduate degree. There is no second semester intake for this unit.

### Course structure

The Bachelor of Teaching (Primary) (Honours) program includes the following four research units in addition to the units in the regular Bachelor of Teaching (Primary) program:

EDHN42000 Research Methods I  
EDHN42100 Research Methods II  
EDHN42200 Research Project IA  
EDHN42300 Research Project IB

To accommodate the extra honours units, the regular BTch (Primary) program is modified to include a fifth semester as shown in the Structure below. Regular units which have been replaced by honours units in semesters one, two and three, have been transferred to semester five.

<b>Bachelor of Teaching (Primary) - (Honours)</b>				
<b>Sem</b>				
1	EDCP29800 Curriculum Studies— Mathematics I	EDHN42000 Research Methods I	EDCP22500 Curriculum Studies— English I	EDPP18000 Professional Development and Experience IA (BTch)
<b>Professional Experience (July, 4 weeks) Education Related Professional Experience (In-semester, 5 days)</b>				
2	EDCP27000 Curriculum Studies— Religion	EDHN42100 Research Methods II	EDCP29900 Curriculum Studies— Mathematics II	EDPP18100 Professional Development and Experience IB (BTch)
<b>Professional Experience (February, 3 weeks)</b>				
3	EDCP21700 Curriculum Studies— Creative Arts	EDHN42200 Research Project IA	EDCP23200 Curriculum Studies— Personal Development, Health and Physical Education	EDPP38500 Professional Development and Experience IVA (BTch)
<b>Professional Experience (July–August, 6 weeks)</b>				
4	EDCP22600 Curriculum Studies— English II	EDCP28500 Curriculum Studies— Human Society and its Environment I	EDCP28300 Curriculum Studies— Science and Technology	EDPP38600 Professional Development and Experience IVB (BTch)
5	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDHM42300 Research Project IB	EDUC30000 Individual Differences and the Atypical Child	EDUC29500 Multicultural Education and Indigenous Studies

## Bachelor of Teaching (Secondary)

Course code: 4603

Course Convenor: Mr Jason Hinze

The Bachelor of Teaching (Secondary) is a graduate-entry bachelor degree designed to prepare students to teach at the secondary level. Graduates are qualified to teach in the Seventh-day Adventist school system both in Australia and overseas, as well as in the wider educational sector of government and non-government schools.

### Duration

*Regular program*

Two years full-time or equivalent part-time

*Honours program*

Two and a half years full-time or equivalent part-time

### Credit points

Bachelor of Teaching (Secondary) 96 credit points

### Mode of delivery

On campus mode

Flexible delivery mode

### Abbreviation of course title

BTch (Secondary)

BTch (Secondary) (Honours)

### Accreditation

The degrees are accredited by the NSW Department of Education and Training.

### Entry requirements

Entry into the BTch (Secondary) degree requires a suitable undergraduate degree that meets the teaching requirements of the NSW Department of Education and Training for secondary teaching. The relevant Course Convenor will need to undertake an assessment of each candidate's transcript to ensure the unit content requirements have been completed prior to enrolment into this program.

### Self-disclosure and criminal records check

See above under *Bachelor of Teaching (Primary)*

### Course structure

The Bachelor of Teaching (Secondary) is a two-year, graduate entry course of 96 credit points. It is structured to include, with slight variations, the Bachelor of Teaching components of the undergraduate Bachelor of (Arts/Bus/Sc)/Bachelor of Teaching double degree programs. The course requirements include 70 days of professional experience, which occurs between semesters, in February and July of each year, and five days in-semester during the first year of the course. The course is comprised of *Christian Studies units*, *Curriculum Studies*, *Education units*, and *Professional Development and Experience*. See above under secondary education degrees for descriptions of these components.

### Summary of minimum requirements in the BTch (Secondary) degree

Component of course	Credit points
Christian Studies units	18
Education units	30
Curriculum units	12
Professional development and experience	36
TOTALS	96

### Bachelor of Teaching (Secondary) course sequence

#### Christian Studies units

EDUC14300 Christian Studies for Teachers I

EDUC24300 Christian Studies II#

and

EDUC34300 Christian Studies III—Philosophy of Christian Education

# Students may substitute an approved unit from the Faculty of Theology for EDUC24300 with consultation with the Strand Convenor. Such units include:

BBNT16000 Gospels A

BBNT17000 New Testament Epistles A

ENGL21000 The Bible as Literature

ENGL25000 Literature and Religion (*odd years*)

THCH16500 SDA History and Ministry of Ellen White

THWR36400 World Religions

#### Education units

EDUC21600 Computers, Learning and Practitioner-based Research

EDUC26000 Theories of Development and Learning

EDUC29500 Multicultural Education and Indigenous Studies

EDUC30000 Individual Differences and the Atypical Child

**Education electives (students choose one)**

EDUC32400 Issues in Educational Computing  
 EDUC35300 Reading Behaviour and Disability  
 EDUC38300 Leadership and Advocacy

In some courses students are required or strongly recommended to choose a discipline-specific elective which will further contribute to expertise in curricular applications in their chosen teaching field/s:

EDUC32600 Music Education  
 EDUC34400 Art Education  
 EDUC37500 Science in Education  
 EDUC39600 Health Promotion in Adolescence

**Professional development and experience**

EDSP18000 Professional Development and Experience IA (BTch)  
 EDSP18100 Professional Development and Experience IB (BTch)  
 EDSP28000 Professional Development II (BTch)  
 EDSP38000 Professional Development III (BTch)  
 EDSP38500 Professional Development and Experience IVA (BTch)  
 EDSP38600 Professional Development and Experience IVB (BTch)

<b>Bachelor of Teaching (Secondary)</b>				
<b>Sem</b>				
1	EDUC14300 Christian Studies for Teachers I	Curriculum Studies Major/Minor 200	EDSP18000 Professional Development and Experience IA (BTch)	EDSP28000 Professional Development II (BTch)
<b>Professional Experience (July, 4 weeks)</b> <b>Education Related Professional Experience (In-semester, 5 days)</b>				
2	EDUC29500 Multicultural Education and Indigenous Studies	Curriculum Studies Major/Minor 200	EDUC21600 Computers, Learning and Practitioner-based Research	EDSP18100 Professional Development and Experience IB (BTch)
<b>Professional Experience (February, 3 weeks)</b>				
3	EDUC24300 Christian Studies II	EDUC26000 Theories of Development and Learning	EDSP38000 Professional Development III (BTch)	EDSP38500 Professional Development and Experience IVA (BTch)
<b>Professional Experience (July-August, 6 weeks)</b>				
4	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective 300	EDSP38600 Professional Development and Experience IVB (BTch)

## Bachelor of Teaching (Secondary) (Honours)

Course code: 4604

Course Convenor: Mr Jason Hinze

The honours option allows selected students to complete a program in research methodology and conduct their own research under supervision. Furthermore, this program enhances the efforts of high potential students to influence professional practice through research and facilitates access for students to proceed to research-based studies at Masters or Doctoral level.

The honours option in the BTch (Secondary) comprises 114 credit points typically spread over five semesters of full-time (or equivalent part-time) study.

### Special admission requirements for the honours program

An average mark of 75% or greater in the units of the undergraduate degree.

### Course structure

The Bachelor of Teaching (Secondary) (Honours) program includes the following four research units in addition to all but one of the units in the regular Bachelor of Teaching (Secondary) program:

EDHN42000 Research Methods I  
EDHN42100 Research Methods II  
EDHN42200 Research Project IA  
EDHN42300 Research Project IB

The unit which has been omitted is EDUC21600 Computers, Learning and Practitioner-based Research.

To accommodate the extra honours units, the regular BTch (Secondary) program is modified to include a fifth semester as shown in the Structure below. Regular units which have been replaced by honours units in semesters one, two and three, have been transferred to semester five.

<b>Bachelor of Teaching (Secondary)—(Honours)</b>				
<b>Sem</b>				
1	EDHN42000 Research Methods I	Curriculum Studies Major/Minor 200	EDSP180000 Professional Development and Experience IA (BTch)	EDSP28000 Professional Development II (BTch)
<b>Professional Experience (July, 4 weeks) Education Related Professional Experience (In-semester, 5 days)</b>				
2	EDUC14300 Christian Studies for Teachers I	Curriculum Studies Major/Minor 200	EDHN42100 Research Methods II	EDSP18100 Professional Development and Experience IB (BTch)
<b>Professional Experience (February, 3 weeks)</b>				
3	EDHN42200 Research Project IA	EDUC26000 Theories of Development and Learning	EDSP38000 Professional Development III (BTch)	EDSP38500 Professional Development and Experience IVA (BTch)
<b>Professional Experience (July–August, 6 weeks)</b>				
4	EDUC34300 Christian Studies III - Philosophy of Christian Education	EDUC30000 Individual Differences and the Atypical Child	Education Elective 300	EDSP38600 Professional Development and Experience IVB (BTch)
5	EDUC29500 Multicultural Education and Indigenous Studies	EDUC24300 Christian Studies II	EDHN42300 Research Project IB	