

Program Structure / Rules
Program Code: TA5

Program: Bachelor of Science / Bachelor of Education

Location: Mt Helen

New/Continuing: 2021

TERM	COURSE	LOCATIONS OFFERED				
		BER	CHLL	MTH	ODL	
FIRST YEAR						
1	EDBED1011	LITERACY AND NUMERACY	X	X	X	X
1	EDBED1016	LEARNING AND TEACHING	X	X	X	X
		Exclusion(s): EDBED1008, EDDDE1001 & EDFGC1303				
1	EEZED1711	PROFESSIONAL EXPERIENCE: LEARNING AND TEACHING	X	X	X	X
1		DISCIPLINE ELECTIVE COURSE A				
1		DISCIPLINE ELECTIVE COURSE B				
2	EDBED1017	CHILD AND ADOLESCENT DEVELOPMENT AND CHARACTERISTICS	X	X	X	X
		Exclusions: EDBED1009, EDECE1006 & EDFGC2021				
2		MINOR DISCIPLINE A				
2		DISCIPLINE ELECTIVE COURSE C				
2		DISCIPLINE ELECTIVE COURSE D				
SECOND YEAR						
3	EDBED2114	TRANSITION TO THE PROFESSION 1	X	X	X	X
		Pre-Requisites: EDBED1008 or EDBED1016 or EDDDE1001				
		Exclusion(s): EDECE1016				
3	EDDDE2103	DESIGNING FOR LEARNING		X	X	
		Pre-Requisites: EDBED1003 or EDBED1016 or EDDDE1001 or EDDDE1002				
3		DISCIPLINE ELECTIVE COURSE E				
3		MINOR DISCIPLINE B				
4	EDBED2010	DIVERSITY AND INCLUSION: TEACHING STRATEGIES FOR DIVERSE LEARNERS	X	X	X	
		Exclusion(s): EDECE1013				
4	EEZED2722	PROFESSIONAL EXPERIENCE 2	X	X	X	

4		MAJOR DISCIPLINE A				
4		MAJOR DISCIPLINE B				
4		MINOR DISCIPLINE C				
THIRD YEAR						
5	EDBED3016	ABORIGINAL AND TORRES STRAIT ISLANDER: LEARNING AND TEACHING	X	X	X	X
		Exclusions: EDFGC2031 & EDBED3005				
5		CURRICULUM 1 MAJOR				
5		CURRICULUM 1 MINOR				
5		MINOR DISCIPLINE D				
6	EDBED3027	CURRICULUM ASSESSMENT AND REPORTING	X	X	X	X
		Exclusions: EDBED4009				
6	EEZED3721	PROFESSIONAL EXPERIENCE 3	X	X	X	X
6		CURRICULUM 2 MAJOR				
6		CURRICULUM 2 MINOR				
6		MAJOR DISCIPLINE C				
FOURTH YEAR						
7	EDBED4113	TRANSITION TO THE PROFESSION 2	X	X	X	
		Pre-Requisites: EDBED3027 & EDBED2114				
7	EEZED4711	PROFESSIONAL EXPERIENCE 4				
7		ELECTIVE FROM APPROVED LIST				
7		MAJOR DISCIPLINE D				
7		MAJOR DISCIPLINE E				
8	EDBED4010	DIFFERENTIATING FOR LEARNING AND TEACHING	X	X	X	X
		Exclusion: EDBED2007				
8	EDBED4114	TRANSITION TO THE PROFESSION 3	X	X	X	
		Pre-Requisite: All Courses Inc Yr4 & LANTITE Completion				
		Co-Requisite: EEZED4721				
8	EDBED4115	TEACHER AS PROFESSIONAL	X	X	X	X
		Pre-Requisite: EDBED3027 Co-Requisite: EEZED4721				
8	EEZED4721	PROFESSIONAL EXPERIENCE FINAL	X	X	X	
8		MAJOR DISCIPLINE F				

CURRICULUM COURSES

Semester 1						
1	EDBED3028	MATHEMATICS CURRICULUM 1			X	X
		Exclusion(s): EDDDE3001				
1	EDBED3029	SCIENCE CURRICULUM 1			X	X
		Exclusion(s): EDDDE3002				
1	EDBED3033	INFORMATION TECHNOLOGY CURRICULUM 1				
		Pre-Requisite(s): Pass in 3 IT Courses				X
		Exclusion(s): EDDDE3012				
1	EDBED3038	SENIOR SCIENCE CURRICULUM 1			X	
		Pre-Requisite(s): Pass in 3 Senior Science Courses				
		Exclusion(s): EDDDE3018				
Semester 2						
2	EDDDE3101	MATHEMATICS CURRICULUM 2				
		Pre-Requisite(s): EDBED3028 or EDDDE3001				X
		Exclusion(s): EDBED3128				
2	EDDDE3102	SCIENCE CURRICULUM 2				X
		Pre-Requisite(s): EDDDE3002 or EDBED3029				
2	EDDDE3112	INFORMATION TECHNOLOGY CURRICULUM 2				X
		Pre-Requisite(s): EDBED3033 or EDDDE3012				
2	EDDDE3118	SENIOR SCIENCE CURRICULUM 2				X
		Pre-Requisite(s): EDBED3038 or EDDDE3018				

DISCIPLINE ELECTIVE COURSES

A	SCBIO1001	GENERAL SCIENCE: PRINCIPLES OF BIOLOGY	X	X	X	X
		Exclusion(s): BIOGC1722 and SCBIO1010 and SCCOR1100				
B	SCCHM1001	CHEMISTRY 1	X	X	X	X
C	SCGEO1103	PLANET EARTH			X	X
D	STATS1000	STATISTICAL METHODS	X	X	X	X
E	MATHS1000	UPON THE SHOULDERS OF GIANTS				
		Pre-Requisite(s): VCE Mathematics or equivalent			X	X
		Exclusion(s): ENCOR1015 and MATHS2000 and SCCOR1300				

ELECTIVE APPROVED LIST - 4th Year Semester 1

	SCBIO1020	SYSTEMS BIOLOGY	X	X	X	X
		Exclusion(s): HEALT1111 and HEALT1112				
	SCCHM1002	CHEMISTRY 2	X	X	X	X
	SCCHM1003	INORGANIC CHEMISTRY			X	X
	SCENV2101	AUSTRALIAN FLORA	X	X	X	X
		Pre-Requisite(s): SCENV1001 or SCENV1002 or SCENV1502				
		Exclusion(s): SCENV2111				
	SCENV2200	POPULATION AND COMMUNITY ECOLOGY	X	X	X	X
		Pre-Requisite(s): SCENV1002 or SCENV1502				
		Exclusion(s): ENVGC2726				
	SCSUS1500	SUSTAINABLE EARTH	X	X	X	X

MAJOR DISCIPLINE COURSES
ENVIRONMENTAL SCIENCE

A	SCSUS1500	SUSTAINABLE EARTH	X	X	X	X
		Exclusion(s): SCENV1500 and SE505				
B	SCENV1001	GENERAL SCIENCE – ENVIRONMENTAL STUDIES	X	X	X	X
		Exclusion(s): ENVGC1022 and ENVGC1711 and SCENV1502 and SCGEO1102				
	OR					
	SCGEO1105	EARTH'S LIVING HISTORY			X	X
		Exclusion(s): SX523				
C	SCENV2804	INVASIVE SPECIES: ECOLOGY, MAN	X	X	X	X
		Exclusion(s): SCENV2800				
D	SCENV2200	POPULATION AND COMMUNITY ECOLOGY	X	X	X	X
		Pre-Requisite(s): SCENV1002 or SCENV1502				
		Exclusion(s): ENVGC2726				
E	SCENV3501	ENVIRONMENTAL CHANGE	X		X	X
		Exclusion(s): SE735				
F	SCENV3202	WILDLIFE ECOLOGY AND CONSERVATION				
		Pre-Requisite(s): SCENV1002 or SCENV1502				

CHEMISTRY

A	SCCHM1002	CHEMISTRY 2	X	X	X	X
	OR					
	SCCHM1003	INORGANIC CHEMISTRY			X	X
B	SCBCH2001	BIOCHEMISTRY	X	X	X	X
		Pre-Requisite(s): BIOGC1722 or SCBIO1001 or SCBIO1010 or SCMED1014 and CHMGC1022 or SCCHE1012 or SCCHM1002				
		Exclusion(s): BTHGC2741 and SCBIO2053				
C	SCCHM2002	ENVIRONMENTAL CHEMISTRY	X	X		X
		Pre-Requisite(s): SCCHM1001				
D	SCCHM2001	ANALYTICAL TECHNIQUES	X	X	X	X
		Pre-Requisite(s): SCCHM1001				
E	SCCHM3004	ORGANIC SYNTHESIS FOR DRUG DESIGN	X	X	X	X
		Pre-Requisite(s): SCCHM2001				
F	SCCHM3001	MEDICINAL CHEMISTRY	X	X	X	X
		Pre-Requisite(s): SCBCH2001				

EARTH SCIENCES

A	SCGEO1103	PLANET EARTH			X	X
B	SCSUS1500	SUSTAINABLE EARTH	X	X	X	X
		Exclusion(s): SCENV1500 and SE505				
	OR					
B	SCENV1001	GENERAL SCIENCE – ENVIRONMENTAL STUDIES	X	X	X	X
		Exclusion(s): ENVGC1022 and ENVGC1711 and SCENV1502 and SCGEO1102				
C	SCENV2100	AUSTRALIAN FAUNA	X	X	X	X
		Pre-Requisite(s): SCENV 1002 or SCENV 1001 or SCBIO 1001				
		Exclusion(s): SCENV2111				
C	SCENV2101	Australian Flora			X	X
		Pre-Requisite(s): ENCOR1015 or MATHS1000 or SCCOR1300				
		Exclusion(s): ENVGC 2712				
D	SCGEO2111	GENERAL SCIENCE: LANDSCAPE EVOLUTION			X	X

		Pre-Requisite(s): SCENV1502 or SCGEO1102 or SCGEO1106				
E	SCENV3912	ENVIRONMENTAL ASSESSMENT				
		Pre-Requisite(s): At least 60 credit points from SCENV subject-area at any level				X
		Exclusion(s): ENVGC3737 and SCENV3902				
F	SCENV3800	ECOSYSTEMS CONSERVATION AND MANAGEMENT	X	X	X	X
		Pre-Requisite(s): SCENV2200 or SCENV2500				

BIOLOGY

A	SCBIO1020	SYSTEMS BIOLOGY				
		Pre-Requisite(s):	X	X	X	X
		Exclusion(s): HEALT1111 and HEALT1112				
B	SCENV2200	POPULATION AND COMMUNITY ECOLOGY				
		Pre-Requisite(s): SCENV1002 or SCENV1502	X	X	X	X
		Exclusion(s): ENVGC2726				
OR						
B	SCENV1001	GENERAL SCIENCE – ENVIRONMENTAL STUDIES				
		Exclusion(s): ENVGC1022 and ENVGC1711 and SCENV1502 and SCGEO1102	X	X	X	X
OR						
C	SCMIC2001	GENERAL MICROBIOLOGY				
		Pre-Requisite(s):	X	X	X	X
		Exclusion(s):				
C	SCENV2101	AUSTRALIAN FLORA				
		Pre-Requisite(s): SCENV1001 or SCENV1002 or SCENV1502	X	X	X	X
		Exclusion(s): SCENV2111				
D	SCENV2100	AUSTRALIAN FAUNA				
		Pre-Requisite(s): SCENV1001 or SCENV1002 or SCENV1502	X	X	X	X
		Exclusion(s): SCENV2111				
E	SCMOL3001	MOLECULAR CELL BIOLOGY				
		Pre-Requisite(s): SCBCH2001	X	X	X	X
		Exclusion(s): BTHGC3741 and SCMED2031				
F	TBC					

MINOR DISCIPLINE COURSES
INFORMATION TECHNOLOGY

A	ITECH1100	UNDERSTANDING THE DIGITAL REVOLUTION	X	X	X	X
B	ITECH1101	IT PROBLEM SOLVING	X	X	X	X
B	ITECH1400	FOUNDATIONS OF PROGRAMMING			X	X
		Exclusion(s): ITECH1000 and ITECH5000				
C	ITECH2000	MOBILE DEVELOPMENT FUNDAMENTALS				
		Pre-Requisite(s): ITECH1101	X	X	X	X
		Exclusion(s): ITECH1300				
C	ITECH2001	GAME DEVELOPMENT FUNDAMENTALS	X	X	X	X
		Pre-Requisite(s): ITECH1101				
D	ITECH2003	WEB DESIGN				
		Pre-Requisite(s): ITECH1100	X	X	X	X
		Exclusion(s): ITECH2106				

ENVIRONMENTAL STUDIES

A	SCENV1001	GENERAL SCIENCE – ENVIRONMENTAL STUDIES	X	X	X	X
C	SCENV1002	BIODIVERSITY CONSERVATION	X	X	X	X
D	SCENV2100	AUSTRALIAN FAUNA				
		Pre-Requisite(s): SCENV1001 or SCENV1002 or SCENV1502	X	X	X	X
		Exclusion(s): SCENV2111				
B	SCSUS1500	SUSTAINABLE EARTH	X	X	X	X
		Exclusion(s): SCENV1500 and SE505				

CHEMISTRY

D	SCBCH2001	BIOCHEMISTRY				
		Pre-Requisite(s): BIOGC1722 or SCBIO1001 or SCBIO1010 or SCMED1014 and CHMGC1022 or SCCHE1012 or SCCHM1002	X	X	X	X
		Exclusion(s): BTHGC2741 and SCBIO2053				
A	SCCHM1001	CHEMISTRY 1	X	X	X	X
B	SCCHM1002	CHEMISTRY 2	X	X	X	X
C	SCCHM2002	ENVIRONMENTAL CHEMISTRY	X	X		X

Pre-Requisite(s): SCCHM1001

EARTH SCIENCES

A	SCENV1001	GENERAL SCIENCE – ENVIRONMENTAL STUDIES	X	X	X	X	
		Exclusion(s): ENVGC1022 and ENVGC1711 and SCENV1502 and SCGEO1102					
B	SCGEO1103	PLANET EARTH				X	X
D	SCGEO2106	HYDROLOGY				X	X
		Pre-Requisite(s): ENCOR1015 or MATHS1000 or SCCOR1300					
		Exclusion(s): SX628					
C	SCGEO2111	GENERAL SCIENCE: LANDSCAPE EVOLUTION				X	X
		Pre-Requisite(s): SCENV1502 or SCGEO1102 or SCGEO1106					
	OR						
	SCSUS1500	SUSTAINABLE EARTH	X	X	X	X	X
		Exclusion(s): SCENV1500 and SE505					

BIOLOGY

A	SCBIO1001	GENERAL SCIENCE: PRINCIPLES OF BIOLOGY	X	X	X	X
		Exclusion(s): BIOGC1722 and SCBIO1010 and SCCOR1100				
B	SCBIO1020	SYSTEMS BIOLOGY	X	X	X	X
		Exclusion(s): HEALT1111 and HEALT1112				
D	SCMOL2010	MAMMALIAN GENETICS	X	X	X	X
		Pre-Requisite(s): SCBIO1001 or SCBIO1010 or SCBIO1020				
C	SCMOL2020	IMMUNOLOGY	X	X	X	X
		Pre-Requisite(s): BIOGC1711 or SCBIO1020 or SCMED1014				
		Exclusion(s): IMMGC3802 and SCMED2020				

PHYSICS

A	ENGIN1005	ENGINEERING MECHANICS				X	X	X
		Exclusion(s): ENCOR1000 and ENCOR1021						
B	ENGIN1002	ENGINEERING PHYSICS				X	X	X
		Exclusion(s): ENCOR1021 and ENCOR2100						
C	ENGIN2303	MECHANISM AND MACHINE THEORY				X	X	X

		Pre-Requisite(s): ENCOR2030 or ENGIN2301				
		Exclusion(s): ENCIV2310				
D	ENGIN2402	MEASUREMENT AND COMPUTER INSTRUMENTATION				
		Pre-Requisite(s): ENCOR1000 or ENCOR1021 or ENGIN1002		X	X	X
		Exclusion(s): ENMTX2020 and ETMEC3260				

Program Requirements

Students must complete all the core compulsory courses within the program structure over 4 years (or part-time equivalent).

Each course is usually worth 15 credit points. A total of 480 credit points is compulsory to satisfy the program requirements of Initial Teacher Education (ITE) programs, as well as a minimum of 80 days professional experience. You will also be required to successfully complete external Literacy and Numeracy tests prior to registration as a teacher.

Please note that International Students are not eligible to study this program online.

Students will need to apply for a Working with Children Check (WWCC) card before commencing their program. A copy of the WWCC card must be supplied to the University prior to commencing professional experience placements. More information can be found at the WWCC website.

Additional Information

If you are unable to, or are having difficulties enrolling in myStudentCentre, please contact Student HQ for program administration information and assistance.

For Program or credit enquiries, please contact Student HQ or the Program Leader.

Professional Experience

For all placement/field education enquiries, please contact the Professional Experience office.

P: (03) 5327 6782

E: sea.professionalexperience@federation.edu.au

Program Coordinator

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Glossary

Advanced (Adv.):	Courses that are coded 3000 – 3999, advanced-level courses
APAC:	Australian Psychology Accreditation Council
Co-requisite (CoR):	A course or courses that must be completed concurrently with the chosen course
CR:	Credit Point value
Exclusion (EX):	A course that is the equivalent to another course and so excludes students from repeating an equivalent course
Introductory (Intro):	Courses that are coded 1000 – 1999, introductory-level courses
Intermediate (Inter.):	Courses that are coded 2000 – 2999, intermediate-level courses
Major/Minor:	The main subject area of study completed as part of a degree
Pre-Requisite(s) (PR):	A course or courses that must be completed prior to undertaking another course
Semester:	Designated teaching period
Term:	Designated teaching period

Campuses / Offering Locations

BER – Berwick

MTH – Mt Helen

CHLL – Churchill

ODL – Online