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Enrolment Program Structure - 2023

Program Code: TL5
Program Name: Bachelor of Mathematical Sciences / Bachelor of Education
Locations: Gippsland and Mt Helen

Course Code	Course Name	Course Rules
FIRST YEAR		
Semester 1		
EDBED 1011	**LITERACY AND NUMERACY**	
EDBED 1016	**LEARNING AND TEACHING**	**Ex: EDBED1008, EDDDE1001 & EDFGC1303**
	MATHS DISCIPLINE COURSE A	
	MINOR DISCIPLINE A	
Semester 2		
EDBED 1017	**CHILD AND ADOLESCENT DEVELOPMENT AND CHARACTERISTICS**	**Ex: EDBED1009, EDECE1006 & EDFGC2021**
	MATHS DISCIPLINE COURSE B	
	MATHS DISCIPLINE COURSE C	
	MINOR DISCIPLINE B	
SECOND YEAR		
Semester 1		
EDBED 2114	**TRANSITION TO THE PROFESSION 1**	**Pr: EDBED1008 or EDBED1016 or EDDDE1001** **Ex: EDECE1016**
EDDDE 2103	**DESIGNING FOR LEARNING**	**Pr: EDBED1003 or EDBED1016 or EDDDE1001 or EDDDE1002**
	MATHS DISCIPLINE COURSE D	
	MATHS DISCIPLINE COURSE E	
Semester 2		
EDBED 2010	**DIVERSITY AND INCLUSION: TEACHING STRATEGIES FOR DIVERSE LEARNERS**	**Ex: EDECE1013**
EEZED 2722	**PROFESSIONAL EXPERIENCE 2**	
	IT ELECTIVE COURSE - ITECH1100 or ITECH1101	
	MATHS DISCIPLINE COURSE F	
	MINOR DISCIPLINE C	

THIRD YEAR

Semester 1

EDBED 3027	CURRICULUM ASSESSMENT AND REPORTING	Ex: EDBED4009
	CURRICULUM 1 MAJOR	
	CURRICULUM 1 MINOR	
	MINOR DISCIPLINE D	

Semester 2

EDBED 3016	ABORIGINAL AND TORRES STRAIT ISLANDER: LEARNING AND TEACHING	Ex: EDFGC2031 & EDBED3005
EEZED 3721	PROFESSIONAL EXPERIENCE 3	
	CURRICULUM 2 MAJOR	
	CURRICULUM 2 MINOR	
	MATHS DISCIPLINE COURSE G	

FOURTH YEAR

Semester 1

EDBED 4113	TRANSITION TO THE PROFESSION 2	Pr: EDBED3027 & EDBED2114
EEZED 4711	PROFESSIONAL EXPERIENCE 4	
	MATHS DISCIPLINE COURSE H	
	MATHS DISCIPLINE COURSE I	
	MATHS DISCIPLINE COURSE J	

Semester 2

EDBED 4010	DIFFERENTIATING FOR LEARNING AND TEACHING	Ex: EDBED2007
EDBED 4114	TRANSITION TO THE PROFESSION 3	Pr: All Courses Inc Yr4 & LANTITE Completion Co-Requisite: EEZED4721
EDBED 4115	TEACHER AS PROFESSIONAL	Pr: EDBED3027 Co-Requisite: EEZED4721
EEZED 4721	PROFESSIONAL EXPERIENCE FINAL	
	MATHS DISCIPLINE COURSE K	

Curriculum Courses

Course Code	Course Name	Course Rules
Semester 1		
EDBED 3028	MATHEMATICS CURRICULUM 1	Ex: EDDDE3001
EDBED 3029	SCIENCE CURRICULUM 1	Ex: EDDDE3002
EDBED 3033	INFORMATION TECHNOLOGY CURRICULUM 1	Pr: Pass in 3 IT Courses Ex: EDDDE3012
EDBED 3038	SENIOR SCIENCE CURRICULUM 1	Pr: Pass in 3 Senior Science Courses Ex: EDDDE3018

Semester 2		
EDDDE 3101	MATHEMATICS CURRICULUM 2	Pr: EDBED3028 or EDDDE3001 Ex: EDBED3128
EDDDE 3102	SCIENCE CURRICULUM 2	Pr: EDDDE3002 or EDBED3029
EDDDE 3112	INFORMATION TECHNOLOGYCURRICULUM 2	Pr: EDBED3033 or EDDDE3012
EDDDE 3118	SENIOR SCIENCE CURRICULUM 2	Pr: EDBED3038 or EDDDE3018

IT Elective Course

Course Code	Course Name	Course Rules
ITECH 1100	UNDERSTANDING THE DIGITAL REVOLUTION	
OR		
ITECH 1101	IT PROBLEM SOLVING	

MATHS DISCIPLINE COURSES

	Course Code	Course Name	Course Rules
A	MATHS 1001	MODELLING AND CHANGE (INTRODUCTORY LEVEL)	Ex: MA551
B	MATHS 1102	LINEAR ALGEBRA AND APPLICATIONS	Ex: MATHS1005
C	STATS 1000	STATISTICAL METHODS	
D	MATHS 2003	PROFIT, LOSS AND GAMBLING (INTERMEDIATE LEVEL)	Pr: At least one introductory level maths course or equivalent Ex: MA653, MATHS1003 and MA553
E	MATHS 2016	MODELLING CONTINUOUS CHANGE	Pr: MATHS1001
F	MATHS 3004	MODELLING THE ENVIRONMENT	Pr: MATHS2016
G	MATHS 3001	MODELLING AND CHANGE (ADVANCED LEVEL)	Prs: MATHS1001 and at least 15 credit points from MATHS subject-area at any level Ex: MATHS2006
H	STATS 2101	STATISTICS FOR PREDICTION	Prs: MS501 or STATS1000
I	MATHS 3007	PUZZLES, PATTERNS AND PROOFS (ADVANCED LEVEL)	Pr: At least one intermediate level mathematics course Ex: MA655 and MATHS2005
J	MATHS 3002	ANALYTICS PROJECT 1	Pr: MATHS2016 or STATS2101
K	TBC	Please contact Program Coordinator for advice	

MINOR DISCIPLINE COURSES

INFORMATION TECHNOLOGY

	Course Code	Course Name	Course Rules
A	ITECH 1100	UNDERSTANDING THE DIGITAL REVOLUTION	
B	ITECH 2000	MOBILE DEVELOPMENT FUNDAMENTALS	Pr: ITECH1101 Ex: ITECH1300
C	ITECH 2001	GAME DEVELOPMENT FUNDAMENTALS	Pr: ITECH1101
D	ITECH 2003	WEB DESIGN	Pr: ITECH1100 Ex: ITECH2106

ENVIRONMENTAL STUDIES

	Course Code	Course Name	Course Rules
A	SCENV 1001	GENERAL SCIENCE – ENVIRONMENTAL STUDIES	
B	SCENV 1002	BIODIVERSITY CONSERVATION	
C	SCSUS 1500	SUSTAINABLE EARTH	Ex: SCENV1500 and SE505
D	SCENV 2100	AUSTRALIAN FAUNA	Pr: SCENV1001 or SCENV1002 or SCENV1502 Ex: SCENV2111

CHEMISTRY

	Course Code	Course Name	Course Rules
A	SCCHM 1001	CHEMISTRY 1	
B	SCCHM 1002	CHEMISTRY 2	
C	SCCHM 2002	ENVIRONMENTAL CHEMISTRY	Pr: SCCHM1001
D	SCBCH 2001	BIOCHEMISTRY	Pr: BIOGC1722 or SCBIO1001 or SCBIO1010 or SCMED1014 and CHMGC1022 or SCCHE1012 or SCCHM1002 Ex: BTHGC2741 and SCBIO2053

EARTH SCIENCES

	Course Code	Course Name	Course Rules
A	SCENV 1001	ENVIRONMENTAL STUDIES	Ex: ENVGC1022 and ENVGC1711 and SCENV1502 and SCGEO1102
B	SCGEO 1103	PLANET EARTH	

C	SCGEO 2111	GENERAL SCIENCE: LANDSCAPE EVOLUTION	Pr: SCENV1502 or SCGEO1102 or SCGEO1106
	OR		
	SCSUS 1500	SUSTAINABLE EARTH	Ex: SCENV1500 and SE505
D	SCGEO 2106	HYDROLOGY	Pr: ENCOR1015 or MATHS1000 or SCCOR1300 Ex: SX628

BIOLOGY

	Course Code	Course Name	Course Rules
A	SCBIO 1001	GENERAL SCIENCE: PRINCIPLES OF BIOLOGY	Ex: BIOGC1722 and SCBIO1010 and SCCOR1100
B	SCBIO 102	SYSTEMS BIOLOGY	Ex: HEALT1111 and HEALT1112
C	SCMOL 201	MAMMALIAN GENETICS	Pr: SCBIO1001 or SCBIO1010 or SCBIO1020
D	SCMIC 2001	GENERAL MICROBIOLOGY	Pr: SCBIO1001 or SCBIO1010

PHYSICS

	Course Code	Course Name	Course Rules
A	ENGIN 1002	ENGINEERING PHYSICS	Ex: ENCOR1021 and ENCOR2100
B	ENGIN 1005	ENGINEERING MECHANICS	Ex: ENCOR1000 and ENCOR1021
C	ENGIN 2303	MECHANISM AND MACHINE THEORY	Pr: ENCOR2030 or ENGIN2301 Ex: ENCIV2310
D	ENGIN 2402	MEASUREMENT AND COMPUTER INSTRUMENTATION	Pr: ENCOR1000 or ENCOR1021 or ENGIN1002 Ex: 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 My Student Centre, please contact Student Administration for program information and assistance.

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

Program Coordinator

Catherine Oxworth

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Glossary

Advanced (Adv.):	Courses that are coded 3000 – 3999, advanced-level courses
Co-requisite (CoR):	A course or courses that must be completed concurrently with the chosen course
Pre-requisite (Pr):	A course or courses that must be completed prior to undertaking another course
Exclusion (Ex):	A course that is the equivalent to another course & so excludes students from repeating an equivalent course
CR:	Credit Point value
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
Semester:	Designated teaching period