MONASH University

Course progression map for 2016 commencing students

This progression map provides advice on the suitable sequencing of units and guidance on how to plan unit enrolment for each Sem of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

D3008 Bachelor of Education (Honours) and Bachelor of Computer Science

Specialisation – Primary Education

						Overload
Year 1 Sem 1	EDF1303 Learning and educational inquiry 1	FIT1045 Introduction to algorithms and programming	EDF1053 Primary professional experience 1A 5 days (0 pts)	FIT1047 Introduction to computer systems, networks and security	MAT1830 Discrete mathematics for computer science	
Year 1 Sem 2	EDF1304 Learning and educational inquiry 2	FIT1008 Introduction to Computer Science	EDF1054 Primary professional experience 1B 5 days (0 pts)	FIT1049 IT Professional practice	MAT1841 Continuous mathematics for computer science	
Year 2 Sem 1	EDF2210 Child and adolescent development	EDF2021 Mathematics and numeracy 1	EDF2053 Primary professional experience 2A 5 days (0 pts)	FIT2004 Algorithms and data structures	FIT2099 Object-oriented design and implementation	
Year 2 Sem 2	EDF2031 Indigenous perspectives on teaching and learning	EDF2020 English and literacies 1	EDF2054 Primary professional experience 2B 5 days (0 pts)	FIT2014 Theory of computation	FIT2102 Programming paradigms	FIT3143 Parallel computing
Year 3 Sem 1	EDF3036 Professional studies	EDF3021 Mathematics and numeracy 2	EDF3053 Primary professional experience 3A 10 days (0 pts)	FIT3161 Computer science project 1	BCS Approved L3 elective	BCS Approved L3 elective
Year 3 Sem 2	EDF3211 Inclusive education: Teaching diverse learners	EDF3022 Arts education in the primary years	EDF3054 Primary professional experience 3B 10 days (0 pts)	FIT3162 Computer science project 2	FIT3145 Advanced data structures and algorithms	
Year 4 Sem 1	EDF4260 Curriculum, assessment and evaluation	EDF4022 Humanities and social education in the primary years	EDF4053 Primary professional experience 4A 20 days (0 pts)	EDF4024 Health and physical education for wellbeing in the primary curriculum	EDF4100 Researching teaching and learning	
Year 4 Sem 2	EDF4020 English and literacies 2	EDF4023 Science and technology education in the primary years	EDF4054 Primary professional experience 4B 20 days (0 pts)	EDF4025 Studies of science, environment and sustainability	EDF4101 Research project in education	

Source: *Monash University 2016 Handbook* –http://www.monash.edu.au/pubs/2016handbooks/maps/map-d3008.pdf
CRICOS Provider Number: 00008C

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D3008 Bachelor of Education (Honours) and Bachelor of Computer Science

Specialisation – Secondary Education

						Overload
Year 1 Sem 1	EDF1303 Learning and educational inquiry 1	FIT1045 Introduction to algorithms and programming	EDF1055 Secondary professional experience 1A 5 days (0 pts)	MAT1830 Discrete mathematics	MTH1020 Analysis of change or MTH1030 Techniques for modelling	
Year 1 Sem 2	EDF1304 Learning and educational inquiry 2	FIT1008 Introduction to computer science	EDF1056 Secondary professional experience 1B 5 days (0 pts)	FIT1047 Computer systems, networks and security	MTH1030 Techniques for modelling or MTH2010 Multivariable calculus	
Year 2 Sem 1	EDF2005 Professional responsibilities, practice and relationships	EDF2006 Education priorities	EDF2055 Secondary professional experience 2A 5 days (0 pts)	FIT2004 Algorithms and data structures	FIT2099 Object-oriented design and implementation	MTH2010 Multivariable calculus or MTH3051 Introduction to computational mathematics
Year 2 Sem 2	EDF2007 Adolescent development and learning	EDF2008 Becoming a specialist teacher	EDF2056 Secondary professional experience 2B 5 days (0 pts)	FIT2014 Theory of computation	FIT2102 Programming paradigms	
Year 3 Sem 1	EDF3009 Schooling, education and equity: Local and global perspectives	EDF3010 Curriculum development and innovative practice	EDF3055 Secondary professional experience 3A 5 days (0 pts)	FIT3161 CS Project 1	MTH3051 Introduction to computational mathematics or BCS approved level 3 elective	FIT3143 Parallel computing
Year 3 Sem 2	EDF3007 Developing multiple literacies in education	Education elective	EDF3056 Secondary professional experience 3B 5 days (0 pts)	FIT3162 CS Project 2	FIT3145 Advanced data structures and algorithms	
Year 4 Sem 1	EDF4100 Researching teaching and learning	EDF4004 Curriculum, assessment and education policy	EDF4055 Secondary professional experience 4A 25 days (0 pts)	Method unit 1A	Method unit 2A	
Year 4 Sem 2	EDF4101 Research project in education	EDF4006 Professional engagement and leadership	EDF4056 Secondary professional experience 4B 25 days (0 pts)	Method unit 1B	Method unit 2B	

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