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 semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

B2009 Bachelor of Commerce Specialist and Bachelor of Computer Science

Specialisations - Actuarial science and Computer science

	Commerce Specialist		Computer Science	
YEAR 1 Semester 1	ETC1000 Business and economic statistics	ECC1000 Principles of microeconomics	FIT1045 Introduction to algorithms and programming	MAT1830 Discrete mathematics
YEAR 1 Semester 2	ECC1100 Principles of macroeconomics	ACX1000 Accounting for managers	FIT1008 Introduction to computer science	MAT1841 Continuous mathematics
YEAR 2 Semester 1	ETC2440 Mathematics for economics and business	ETC2410 Introductory econometrics	FIT1047 Computer systems, networks and security	FIT2004 Algorithms and data structures
YEAR 2 Semester 2	BFX2140 Corporate finance 1	ETC2420 Statistical methods in insurance	FIT2014 Theory of computation	FIT1049 IT professional practice
YEAR 3 Semester 1	BFC2000 Financial institutions and markets	BFC2340 Debt markets and fixed income securities	FIT2099 OO design and implementation	BCS Approved L3 Elective
YEAR 3 Semester 2	ETC2430 Actuarial statistics	Specialisation unit 1 from a list	FIT2102 Programming paradigms	FIT3155 Advanced data structures and algorithms
YEAR 4 Semester 1	Specialisation unit 2 from a list	Specialisation unit 3 from a list	FIT3161 CS project 1	BCS Approved L3 Elective
YEAR 4 Semester 2	Specialisation unit 4 from a list	ETC3530 Contingencies in insurance and pensions	FIT3162 CS project 2	FIT3143 Parallel computing

Source: *Monash University 2016 Handbook* –http://www.monash.edu.au/pubs/2016handbooks/maps/map-b2009.pdf
CRICOS Provider Number: 00008C

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 semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

B2009 Bachelor of Commerce Specialist and Bachelor of Computer Science

Specialisations - Actuarial science and Computer science in data science

	Commerce Specialist		Computer Science in Data Science	
YEAR 1 Semester 1	ETC1000 Business and economic statistics	ECC1000 Principles of microeconomics	FIT1045 Introduction to algorithms and programming	MAT1830 Discrete mathematics
YEAR 1 Semester 2	ECC1100 Principles of macroeconomics	ACX1000 Accounting for managers	FIT1008 Introduction to computer science	MAT1841 Continuous mathematics
YEAR 2 Semester 1	ETC2440 Mathematics for economics and business	ETC2410 Introductory econometrics	FIT1047 Computer systems, networks and security	FIT2004 Algorithms and data structures
YEAR 2 Semester 2	BFX2140 Corporate finance 1	ETC2420 Statistical methods in insurance	FIT2014 Theory of computation	FIT1043 Introduction to data science
YEAR 3 Semester 1	BFC2000 Financial institutions and markets	BFC2340 Debt markets and fixed income securities	FIT2094 Databases	FIT2086 Modelling for data science
YEAR 3 Semester 2	ETC2430 Actuarial statistics	Specialisation unit 1 from a list	FIT1049 IT professional practice	FIT2079 Data visualisation
YEAR 4 Semester 1	Specialisation unit 2 from a list	Specialisation unit 3 from a list	FIT3163 DS project 1	Approved L3 Data Science Elective
YEAR 4 Semester 2	Specialisation unit 4 from a list	ETC3530 Contingencies in insurance and pensions	FIT3164 DS project 2	Approved L3 Data Science Elective

Source: *Monash University 2016 Handbook* –http://www.monash.edu.au/pubs/2016handbooks/maps/map-b2009.pdf
CRICOS Provider Number: 00008C

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 semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

B2009 Bachelor of Commerce Specialist and Bachelor of Computer Science

Specialisations - Economics and Computer science

	Commerce Specialist		Computer Science	
YEAR 1 Semester 1	ECC1000 Principles of microeconomics	ETC1000 Business and economic statistics	FIT1045 Introduction to algorithms and programming	MAT1830 Discrete Mathematics
YEAR 1 Semester 2	ECC1100 Principles of macroeconomics	Specialisation unit 1 selected from a list	FIT1008 Introduction to computer science	MAT1841 Continuous mathematics
YEAR 2 Semester 1	ECC2000 Intermediate microeconomics	ETC2410 Introductory econometrics	FIT1047 Computer systems, networks and security	FIT2004 Algorithms and data structures
YEAR 2 Semester 2	Specialisation unit 2 selected from a list	Specialisation unit 3 selected from a list	FIT2014 Theory of computation	FIT1049 IT professional practice
YEAR 3 Semester 1	Specialisation unit 4 selected from a list	Business and Economics elective	FIT2099 OO design and implementation	BCS Approved L3 Elective
YEAR 3 Semester 2	Specialisation unit 5 selected from a list	Business and Economics elective	FIT2102 Programming paradigms	FIT3155 Advanced data structures and algorithms
YEAR 4 Semester 1	Specialisation unit 6 selected from a list	Business and Economics elective	FIT3161 CS project 1	BCS Approved L3 Elective
YEAR 4 Semester 2	Specialisation unit 7 selected from a list	Business and Economics elective	FIT3162 CS project 2	FIT3143 Parallel computing

Source: *Monash University 2016 Handbook* –http://www.monash.edu.au/pubs/2016handbooks/maps/map-b2009.pdf
CRICOS Provider Number: 00008C

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 semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

B2009 Bachelor of Commerce Specialist and Bachelor of Computer Science

Specialisations - Economics and Computer science in data science

	Commerce Specialist		Computer Science in Data Science	
YEAR 1 Semester 1	ECC1000 Principles of microeconomics	ETC1000 Business and economic statistics	FIT1045 Introduction to algorithms and programming	MAT1830 Discrete mathematics
YEAR 1 Semester 2	ECC1100 Principles of macroeconomics	Specialisation unit 1 selected from a list	FIT1008 Introduction to computer science	MAT1841 Continuous mathematics
YEAR 2 Semester 1	ECC2000 Intermediate microeconomics	ETC2410 Introductory econometrics	FIT1047 Computer systems, networks and security	FIT2004 Algorithms and data structures
YEAR 2 Semester 2	Specialisation unit 2 selected from a list	Specialisation unit 3 selected from a list	FIT2014 Theory of computation	FIT1043 Introduction to data science
YEAR 3 Semester 1	Specialisation unit 4 selected from a list	Business and Economics elective	FIT2094 Databases	FIT2086 Modelling for data science
YEAR 3 Semester 2	Specialisation unit 5 selected from a list	Business and Economics elective	FIT1049 IT professional practice	FIT2079 Data visualisation
YEAR 4 Semester 1	Specialisation unit 6 selected from a list	Business and Economics elective	FIT3163 DS project 1	Approved L3 Data Science Elective
YEAR 4 Semester 2	Specialisation unit 7 selected from a list	Business and Economics elective	FIT3164 DS project 2	Approved L3 Data Science Elective

Source: *Monash University 2016 Handbook* –http://www.monash.edu.au/pubs/2016handbooks/maps/map-b2009.pdf
CRICOS Provider Number: 00008C

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 semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

B2009 Bachelor of Commerce Specialist and Bachelor of Computer Science

Specialisations - Finance and Computer science

	Commerce Specialist		Computer Science	
YEAR 1 Semester 1	ACX1000 Accounting for managers or ACX1121 Introduction to financial accounting	BFX1001 Foundations of finance	FIT1045 Introduction to algorithms and programming	MAT1830 Discrete mathematics
YEAR 1 Semester 2	ECC1000 Principles of microeconomics	ETC1000 Business and economic statistics	FIT1008 Introduction to computer science	MAT1841 Continuous mathematics
YEAR 2 Semester 1	BFC2340 Debt markets and fixed income securities	BFX2140 Corporate finance 1	FIT1047 Computer Systems, Networks and Security	FIT2004 Algorithms and Data Structures
YEAR 2 Semester 2	BFC2240 Equities and investment analysis	ECC1100 Principles of macroeconomics	FIT2014 Theory of computation	FIT1049 IT professional practice
YEAR 3 Semester 1	ETC3460 Financial econometrics	ETC2410 Introductory econometrics	FIT2099 OO design and implementation	BCS Approved L3 Elective
YEAR 3 Semester 2	BFC3240 International finance	BFC2XXX Derivatives	FIT2102 Programming paradigms	FIT3155 Advanced data structures and algorithms
YEAR 4 Semester 1	BFC3140 Corporate finance 2	BFC3540 Modelling in finance	FIT3161 CS project 1	BCS Approved L3 Elective
YEAR 4 Semester 2	BFC3999 Finance and society	BFC3340 Options, financial futures and other derivatives	FIT3162 CS project 2	FIT3143 Parallel computing

Source: *Monash University 2016 Handbook* –http://www.monash.edu.au/pubs/2016handbooks/maps/map-b2009.pdf
CRICOS Provider Number: 00008C

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 semester of study. It does not substitute for the list of required units as described in the course 'Requirements' section of the Handbook.

B2009 Bachelor of Commerce Specialist and Bachelor of Computer Science

Specialisations - Finance and Computer science in data science

	Commerce Specialist		Computer Science in Data Science	
YEAR 1 Semester 1	ACX1000 Accounting for managers or ACX1121 Introduction to financial accounting	BFX1001 Foundations of finance	FIT1045 Introduction to algorithms and programming	MAT1830 Discrete mathematics
YEAR 1 Semester 2	ECC1000 Principles of microeconomics	ETC1000 Business and economic statistics	FIT1008 Introduction to computer science	MAT1841 Continuous mathematics
YEAR 2 Semester 1	BFC2340 Debt markets and fixed income securities	BFX2140 Corporate finance 1	FIT1047 Computer systems, networks and security	FIT2004 Algorithms and data structures
YEAR 2 Semester 2	BFC2240 Equities and investment analysis	ECC1100 Principles of macroeconomics	FIT2014 Theory of computation	FIT1043 Introduction to data science
YEAR 3 Semester 1	ETC3460 Financial econometrics	ETC2410 Introductory econometrics	FIT2094 Databases	FIT2086 Modelling for data science
YEAR 3 Semester 2	BFC3240 International finance	BFC2XXX Derivatives	FIT1049 IT professional practice	FIT2079 Data visualisation
YEAR 4 Semester 1	BFC3140 Corporate finance 2	BFC3540 Modelling in finance	FIT3163 DS project 1	Approved L3 Data Science Elective
YEAR 4 Semester 2	BFC3999 Finance and society	BFC3340 Options, financial futures and other derivatives	FIT3164 DS project 2	Approved L3 Data Science Elective

Source: *Monash University 2016 Handbook* –http://www.monash.edu.au/pubs/2016handbooks/maps/map-b2009.pdf
CRICOS Provider Number: 00008C