MONASH University

Course progression map for 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.

S2005 Bachelor of Science and Bachelor of Music

Computational science (Major), Mathematics (Minor) and Composition and music technology (Specialisation)

	Bachelor of Science		Bachelor of Music	
YEAR 1 Sem 1	FIT1045 Software development 1: Programming foundations	MTH1020 Analysis of change	ATS1046 Composition and music technology 1: Introduction to music composition	ATS1899 Music theory and ear training 1*
YEAR 1 Sem 2	MAT1830 Discrete mathematics for computer science	MTH1030 Techniques for modelling	ATS1047 Composition and music technology 2: Materials of composition	ATS1900 Music theory and ear training 2*
YEAR 2 Sem 1	FIT2115 Data structures and algorithms	SCI1000 Science communication to influence change	ATS2127 Composition and music technology 3: Spatial composition and sound design	ATS2901 Music theory and ear training 3*
YEAR 2 Sem 2	MTH2051 Introduction to computational mathematics	MAT1003 Mathematics for algorithms and models	ATS2128 Composition and music technology 4: Composition for screen	ATS2902 Music theory and ear training 4*
YEAR 3 Sem 1	FIT3234 Data structures and algorithms 2	MTH2021 Linear algebra with applications	ATS3140 Composition and music technology 5: Interactive composition	ATS1345 Music across time
YEAR 3 Sem 2	FIT2102 Programming paradigms	MTH2010 Multivariable calculus	ATS3141 Composition and music technology 6: Final project	ATS1346 Music across place
YEAR 4 Sem1	FIT3235 Theory of computation 1: Models of computation	Science elective Level 2 or 3	ATS2333 Jazz history OR ATS2800 Ensemble studies 3 OR ATS2307 Improvisation in performing practice	ATS3094 Preparing for careers in the performing arts industry
YEAR 4 Sem 2	FIT3143 Parallel computing	Science elective Level 2 or 3	ATS2331 Music in culture study tour OR ATS2332 Music – overseas study program OR ATS2060 The art of teaching music performance OR ATS2801 Ensemble studies 4	ATS3061 Performing arts in Australia

*NOTE 1: If you are a BMus or a BMus double degree student, you may choose to take an examination at the commencement of ATS1899 Music theory and ear training 1. If you pass, you may be granted an exemption from this unit and be allowed to enrol in ATS1347 Ensemble studies 1 or another approved unit. Similarly, you may be exempted from ATS1900 Music theory and ear training 2 if at the commencement of this unit you choose to take an examination and pass it. This will allow you to enrol in ATS1348 Ensemble studies 2 or another approved unit.

NOTE 2: If you are completing Popular music you may replace ATS2901 Music theory and ear training 3 and ATS2902 Music theory and ear training 4 with the elective units ATS2159 Recording and computer music production and ATS2139 Song writing: How to write a popular song.

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