Course progression map for 2019 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.

**F2012 Bachelor of Design and Bachelor of Information Technology**

Specialisations: Communication design OR Industrial Design OR Spatial Design OR Collaborative Design, with Bachelor of Information Technology – GAMES DEVELOPMENT Major

| YEAR 1 | Semester 1 | AHT1101 Introduction to visual culture in Art, Design and Architecture & OHS1000 Introduction to art and design health and safety | DWG1201 Drawing 1 | FIT1047 Introduction to computer systems, networks and security | FIT1033 Foundations of 3D |
| YEAR 1 | Semester 2 | TDN1002 Design and the avant-garde | FIT1048 Fundamentals of C++ | FIT1049 IT professional practice | FIT2073 Game design studio 1 |
| YEAR 2 | Semester 1 | COL1001 Collaborative design studio 1 | TDN2001 Sociologies of design | | FIT2096 Games programming 1 |
| YEAR 2 | Semester 2 | CDS1002 Communication design studio 2 | or IDN1002 Industrial design studio 2 | or SDN1002 Spatial design studio 2 | FIT3145 Game design studio 2 | FIT2097 Games programming 2 |
| YEAR 3 | Semester 1 | CDS2001 Communication design studio 3 | or IDN2001 Industrial design studio 3 | or SDN2001 Spatial design studio 3 | FIT2001 Systems development or FIT2099 Object-oriented design and implementation | FIT3094 Artificial life, artificial intelligence & virtual environments |
| YEAR 3 | Semester 2 | FIT2094 Databases | FIT2002 IT project management | FIT Elective | FIT3146 Maker lab |
| YEAR 4 | Semester 1 | CDS3001 Communication design studio 4 | or IDN3001 Industrial design studio 4 | or SDN3001 Spatial design studio 4 | or COL3001 Collaborative design studio 4 | TDN3001 Research for design | FIT3039 Studio project 1 |
| YEAR 4 | Semester 2 | CDS3002 Communication design studio 5 | or IDN3002 Industrial design studio 5 | or SDN3002 Spatial design studio 5 | or COL3002 Collaborative design studio 5 | TDN3002 Design strategy and professional practice or TDN3003 Design criticism or PPR3102 * Professional practice for spatial design | FIT3040 Studio project 2 |

*PPR3102 to be taken by Spatial Design specialisation students only

| Design | Information Technology |

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**Course progression map for 2019 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](http://www.monash.edu.au/pubs/2019handbooks/maps/map-F2012.pdf).

### F2012 Bachelor of Design and Bachelor of Information Technology

**Specialisations:** Communication design OR Industrial Design OR Spatial Design OR Collaborative Design, with Bachelor of Information Technology – INTERACTIVE MEDIA Major

| **YEAR 1** | AHT1101 Introduction to visual culture in Art, Design and Architecture & OHS1000 Introduction to art and design health and safety | **FIT1045** Algorithms and programming fundamentals in python or **FIT1048** Fundamentals of C++ or **FIT1051** Programming | FIT1033 Foundations of 3D |
| **Semester 1** | DWG1201 Drawing 1 | **FIT1047** Introduction to computer systems, networks and security | **FIT1046** Interactive media foundations |
| **YEAR 1** | TDN1002 Design and the avant-garde | **FIT1049** IT professional practice | **FIT1046** Interactive media foundations |
| **Semester 2** | FIT1045 Algorithms and programming fundamentals in python or **FIT1048** Fundamentals of C++ or **FIT1051** Programming | **FIT1047** Introduction to computer systems, networks and security | **FIT1046** Interactive media foundations |

| **YEAR 2** | COL1001 Collaborative design studio 1 | **FIT2087** Advanced 3D | **FIT2091** Interactive media studio 1 |
| **Semester 1** | **FIT2001** Systems development or **FIT2099** Object-oriented analysis, design and implementation | **FIT2002** Interactive media studio 2 | **FIT2092** Interactive media studio 2 |
| **YEAR 2** | CDS1002 Communication design studio 2 or IDN1002 Industrial design studio 2 or SDN1002 Spatial design studio 2 | **FIT3169** Immersive environments | **FIT2091** Interactive media studio 1 |
| **Semester 2** | **FIT2087** Advanced 3D | **FIT2092** Interactive media studio 2 | **FIT2091** Interactive media studio 1 |

| **YEAR 3** | CDS2001 Communication design studio 3 or IDN2001 Industrial design studio 3 or SDN2001 Spatial design studio 3 | **FIT2001** Systems development or **FIT2099** Object-oriented analysis, design and implementation | **FIT3156** Advanced visual effects |
| **Semester 1** | **FIT2001** Systems development or **FIT2099** Object-oriented analysis, design and implementation | **FIT2092** Interactive media studio 2 | **FIT2091** Interactive media studio 1 |

| **YEAR 3** | FIT2094 Databases | **FIT3146** Maker lab | **FIT2002** IT project management |
| **Semester 2** | **FIT2094** Databases | **FIT3146** Maker lab | **FIT2002** IT project management |

| **YEAR 4** | CDS3001 Communication design studio 4 or IDN3001 Industrial design studio 4 or SDN3001 Spatial design studio 4 or COL3001 Collaborative design studio 4 | **FIT3039** Studio project 1 | **FIT3040** Studio project 2 |
| **Semester 1** | **FIT3039** Studio project 1 | **FIT3040** Studio project 2 | **FIT3040** Studio project 2 |

| **YEAR 4** | CDS3002 Communication design studio 5 or IDN3002 Industrial design studio 5 or SDN3002 Spatial design studio 5 or COL3002 Collaborative design studio 5 | **FIT3040** Studio project 2 | **FIT3040** Studio project 2 |
| **Semester 2** | **FIT3040** Studio project 2 | **FIT3040** Studio project 2 | **FIT3040** Studio project 2 |

*PPR3102 to be taken by Spatial Design specialisation students only*
Course progression map for 2019 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.

**F2012 Bachelor of Design and Bachelor of Information Technology**

Specialisations: Communication design OR Industrial Design OR Spatial Design OR Collaborative Design, with Bachelor of Information Technology – SOFTWARE DEVELOPMENT Major

| YEAR 1 | Semester 1 | AHT1101 Introduction to visual culture in Art, Design and Architecture & OHS1000 Introduction to art and design health and safety | DWG1201 Drawing 1 | FIT1045 Algorithms and programming fundamentals in python or FIT1048 Fundamentals of C++ or FIT1051 Programming fundamentals in java | FIT1050 Web fundamentals |
| YEAR 1 | Semester 2 | TDN1002 Design and the avant-garde | FIT1047 Introduction to computer systems, networks and security | FIT1049 IT professional practice | FIT Elective |

| YEAR 2 | Semester 1 | COL1001 Collaborative design studio 1 | TDN2001 Sociologies of design | FIT2001 Systems development |
| YEAR 2 | Semester 2 | CDS1002 Communication design studio 2 or IDN1002 Industrial design studio 2 or SDN1002 Spatial design studio 2 | FIT2094 Databases | FIT2002 IT project management |

| YEAR 3 | Semester 1 | CDS2001 Communication design studio 3 or IDN2001 Industrial design studio 3 or SDN2001 Spatial design studio 3 | FIT3175 Usability | FIT2104 Web database interface or FIT2081 Mobile application development |
| YEAR 3 | Semester 2 | FIT Elective Level 2/3 | FIT Elective Level 3 | FIT Level 3 Software Development Major Elective |

| YEAR 4 | Semester 1 | CDS3001 Communication design studio 4 or IDN3001 Industrial design studio 4 or SDN3001 Spatial design studio 4 or COL3001 Collaborative design studio 4 | TDN3001 Research for design | FIT3047 IE studio project 1 |
| YEAR 4 | Semester 2 | CDS3002 Communication design studio 5 or IDN3002 Industrial design studio 5 or SDN3002 Spatial design studio 5 or COL3002 Collaborative design studio 5 | TDN3002 Design strategy and professional practice or TDN3003 Design criticism or PPR3102 * Professional practice for spatial design | FIT3048 IE studio project 2 |

*PPR3102 to be taken by Spatial Design specialisation students only*

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Specialisations: Communication design OR Industrial Design OR Spatial Design OR Collaborative Design, with Bachelor of Information Technology – BUSINESS INFORMATION SYSTEMS Major

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* PP3R3102 to be taken by Spatial Design specialisation students only

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**F2012 Bachelor of Design and Bachelor of Information Technology**

Specialisations: Communication design OR Industrial Design OR Spatial Design OR Collaborative Design, with Bachelor of Information Technology – COMPUTER NETWORKS AND SECURITY Major

| YEAR 1 Semester 1 | AHT1101 Introduction to visual culture in Art, Design and Architecture & OHS1000 Introduction to art and design health and safety | DWG1201 Drawing 1 | FIT1045 Algorithms and programming fundamentals in python or FIT1048 Fundamentals of C++ or FIT1051 Programming fundamentals in java | FIT1047 Introduction to computer systems, networks and security |
| YEAR 1 Semester 2 | TDN1002 Design and the avant-garde | FIT1049 IT professional practice | FIT2094 Databases | FIT Elective 1 |
| YEAR 2 Semester 1 | COL1001 Collaborative design studio 1 | TDN2001 Sociologies of design | FIT Elective 1 | |
| YEAR 2 Semester 2 | CDS1002 Communication design studio 2 or IDN1002 Industrial design studio 2 or SDN1002 Spatial design studio 2 | FIT2001 Systems development or FIT2099 Object-oriented design and implementation | FIT2093 Introduction to cyber security | |
| YEAR 3 Semester 1 | CDS2001 Communication design studio 3 or IDN2001 Industrial design studio 3 or SDN2001 Spatial design studio 3 | FIT3165 Computer networks | FIT3173 Software security | |
| YEAR 3 Semester 2 | FIT2002 IT project management | FIT3031 Information and network security | FIT2081 Mobile application development or FIT3142 Distributed computing | FIT Elective 2 |
| YEAR 4 Semester 1 | CDS3001 Communication design studio 4 or IDN3001 Industrial design studio 4 or SDN3001 Spatial design studio 4 or COL3001 Collaborative design studio 4 | TDN3001 Research for design | FIT3047 IE studio project 1 | |
| YEAR 4 Semester 2 | CDS3002 Communication design studio 5 or IDN3002 Industrial design studio 5 or SDN3002 Spatial design studio 5 or COL3002 Collaborative design studio 5 | TDN3002 Design strategy and professional practice or TDN3003 Design criticism or PPR3102 * Professional practice for spatial design | FIT3048 IE studio project 2 | |

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Design

Information Technology