

# Course progression map for 2022 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**

<b>YEAR 1</b> Semester 1	<b>AHT1101</b> Introduction to the history and theory of art, design and architecture & <b>OHS1000</b> Introduction to art and design health and safety (0 points)	<b>DWG1201</b> Drawing 1	<b>FIT1047</b> Introduction to computer systems, networks and security	<b>FIT1033</b> Foundations of 3D
<b>YEAR 1</b> Semester 2	<b>TDN1002</b> Design and the avant-garde	<b>FIT1048</b> Fundamentals of C++	<b>FIT1049</b> IT professional practice	<b>FIT2073</b> Game design studio 1
<b>YEAR 2</b> Semester 1	<b>COL1001</b> Collaborative design studio 1 (12 pts)		<b>TDN2001</b> Sociologies of design	<b>FIT2096</b> Games programming 1
<b>YEAR 2</b> Semester 2	<b>CDS1002</b> Communication design studio 2 (12 pts) or <b>IDN1002</b> Industrial design studio 2 (12 pts) or <b>SDN1002</b> Spatial design studio 2 (12 pts)		<b>FIT3145</b> Game design studio 2	<b>FIT2097</b> Games programming 2
<b>YEAR 3</b> Semester 1	<b>CDS2001</b> Communication design studio 3 (12 pts) or <b>IDN2001</b> Industrial design studio 3 (12 pts) or <b>SDN2001</b> Spatial design studio 3 (12 pts)		<b>FIT2001</b> Systems development or <b>FIT2099</b> Object-oriented design and implementation	<b>FIT3094</b> Artificial life, artificial intelligence & virtual environments
<b>YEAR 3</b> Semester 2	<b>FIT2094</b> Databases	<b>FIT2002</b> IT project management	FIT Elective	<b>FIT3146</b> Maker lab
<b>YEAR 4</b> Semester 1	<b>CDS3001</b> Communication design studio 4 (12 pts) or <b>IDN3001</b> Industrial design studio 4 (12 pts) or <b>SDN3001</b> Spatial design studio 4 (12 pts) or <b>COL3001</b> Collaborative design studio 4 (12 pts)		<b>TDN3001</b> Research for design	<b>FIT3039</b> Studio project 1
<b>YEAR 4</b> Semester 2	<b>CDS3002</b> Communication design studio 5 (12 pts) or <b>IDN3002</b> Industrial design studio 5 (12 pts) or <b>SDN3002</b> Spatial design studio 5 (12 pts) or <b>COL3002</b> Collaborative design studio 5 (12 pts)		<b>TDN3002</b> Design strategy and professional practice	<b>FIT3040</b> Studio project 2

Design | Information Technology | Units are worth 6 credit points unless specified

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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 – INTERACTIVE MEDIA Major**

<b>YEAR 1</b> Semester 1	<b>AHT1101</b> Introduction to the history and theory of art, design and architecture & <b>OHS1000</b> Introduction to art and design health and safety (0 points)	<b>DWG1201</b> Drawing 1	<b>FIT1047</b> Introduction to computer systems, networks and security	<b>FIT1033</b> Foundations of 3D
<b>YEAR 1</b> Semester 2	<b>TDN1002</b> Design and the avant-garde	<b>FIT1045</b> Algorithms and programming fundamentals in python or <b>FIT1048</b> Fundamentals of C++ or <b>FIT1051</b> Programming fundamentals in java	<b>FIT1049</b> IT professional practice	<b>FIT1046</b> Interactive media foundations
<b>YEAR 2</b> Semester 1	<b>COL1001</b> Collaborative design studio 1 (12 pts)		<b>TDN2001</b> Sociologies of design	<b>FIT2091</b> Interactive media studio 1
<b>YEAR 2</b> Semester 2	<b>CDS1002</b> Communication design studio 2 (12 pts) or <b>IDN1002</b> Industrial design studio 2 (12 pts) or <b>SDN1002</b> Spatial design studio 2 (12 pts)		<b>FIT2002</b> IT project management	<b>FIT2092</b> Interactive media studio 2
<b>YEAR 3</b> Semester 1	<b>CDS2001</b> Communication design studio 3 (12 pts) or <b>IDN2001</b> Industrial design studio 3 (12 pts) or <b>SDN2001</b> Spatial design studio 3 (12 pts)		<b>FIT3169</b> Immersive environments	<b>FIT2087</b> Advanced 3D
<b>YEAR 3</b> Semester 2	<b>FIT2094</b> Databases	<b>FIT3146</b> Maker lab	<b>FIT2001</b> Systems development or <b>FIT2099</b> Object-oriented analysis, design and implementation	<b>FIT3172</b> Sonics
<b>YEAR 4</b> Semester 1	<b>CDS3001</b> Communication design studio 4 (12 pts) or <b>IDN3001</b> Industrial design studio 4 (12 pts) or <b>SDN3001</b> Spatial design studio 4 (12 pts) or <b>COL3001</b> Collaborative design studio 4 (12 pts)		<b>TDN3001</b> Research for design	<b>FIT3039</b> Studio project 1
<b>YEAR 4</b> Semester 2	<b>CDS3002</b> Communication design studio 5 (12 pts) or <b>IDN3002</b> Industrial design studio 5 (12 pts) or <b>SDN3002</b> Spatial design studio 5 (12 pts) or <b>COL3002</b> Collaborative design studio 5 (12 pts)		<b>TDN3002</b> Design strategy and professional practice	<b>FIT3040</b> Studio project 2

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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 – SOFTWARE DEVELOPMENT Major**

<b>YEAR 1</b> Semester 1	<b>AHT1101</b> Introduction to the history and theory of art, design and architecture & <b>OHS1000</b> Introduction to art and design health and safety (0 points)	<b>DWG1201</b> Drawing 1	<b>FIT1045</b> Algorithms and programming fundamentals in python or <b>FIT1048</b> Fundamentals of C++ or <b>FIT1051</b> Programming fundamentals in java	<b>FIT1050</b> Web fundamentals
<b>YEAR 1</b> Semester 2	<b>TDN1002</b> Design and the avant-garde	<b>FIT1047</b> Introduction to computer systems, networks and security	<b>FIT1049</b> IT professional practice	FIT Elective
<b>YEAR 2</b> Semester 1	<b>COL1001</b> Collaborative design studio 1 (12 pts)		<b>TDN2001</b> Sociologies of design	<b>FIT2001</b> Systems development
<b>YEAR 2</b> Semester 2	<b>CDS1002</b> Communication design studio 2 (12 pts) or <b>IDN1002</b> Industrial design studio 2 (12 pts) or <b>SDN1002</b> Spatial design studio 2 (12 pts)		<b>FIT2094</b> Databases	<b>FIT2002</b> IT project management
<b>YEAR 3</b> Semester 1	<b>CDS2001</b> Communication design studio 3 (12 pts) or <b>IDN2001</b> Industrial design studio 3 (12 pts) or <b>SDN2001</b> Spatial design studio 3 (12 pts)		<b>FIT3175</b> Usability	<b>FIT2104</b> Web database interface or <b>FIT2081</b> Mobile application development
<b>YEAR 3</b> Semester 2	FIT Elective Level 2/3	FIT Elective Level 3	FIT Level 3 Software Development Major Elective	FIT Level 3 Software Development Major Elective
<b>YEAR 4</b> Semester 1	<b>CDS3001</b> Communication design studio 4 (12 pts) or <b>IDN3001</b> Industrial design studio 4 (12 pts) or <b>SDN3001</b> Spatial design studio 4 (12 pts) or <b>COL3001</b> Collaborative design studio 4 (12 pts)		<b>TDN3001</b> Research for design	<b>FIT3047</b> IE studio project 1
<b>YEAR 4</b> Semester 2	<b>CDS3002</b> Communication design studio 5 (12 pts) or <b>IDN3002</b> Industrial design studio 5 (12 pts) or <b>SDN3002</b> Spatial design studio 5 (12 pts) or <b>COL3002</b> Collaborative design studio 5 (12 pts)		<b>TDN3002</b> Design strategy and professional practice	<b>FIT3048</b> IE studio project 2

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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 – BUSINESS INFORMATION SYSTEMS Major**

<b>YEAR 1</b> Semester 1	<b>AHT1101</b> Introduction to the history and theory of art, design and architecture & <b>OHS1000</b> Introduction to art and design health and safety (0 points)	<b>DWG1201</b> Drawing 1	<b>FIT1051</b> Programming fundamentals in java	<b>FIT1006</b> Business information analysis
<b>YEAR 1</b> Semester 2	<b>TDN1002</b> Design and the avant-garde	<b>FIT1047</b> Introduction to computer systems, networks and security	<b>FIT1049</b> IT professional practice	FIT Elective Level 1
<b>YEAR 2</b> Semester 1	<b>COL1001</b> Collaborative design studio 1 (12 pts)		<b>TDN2001</b> Sociologies of design	<b>FIT2081</b> Mobile application development or <b>FIT2095</b> eBusiness software technologies
<b>YEAR 2</b> Semester 2	<b>CDS1002</b> Communication design studio 2 (12 pts) or <b>IDN1002</b> Industrial design studio 2 (12 pts) or <b>SDN1002</b> Spatial design studio 2 (12 pts)		<b>FIT2094</b> Databases	<b>FIT2090</b> Business information systems and processes
<b>YEAR 3</b> Semester 1	<b>CDS2001</b> Communication design studio 3 (12 pts) or <b>IDN2001</b> Industrial design studio 3 (12 pts) or <b>SDN2001</b> Spatial design studio 3 (12 pts)		<b>FIT2001</b> Systems development	<b>FIT3003</b> Business intelligence and data warehousing or <b>FIT3152</b> Data analytics
<b>YEAR 3</b> Semester 2	<b>FIT2002</b> IT project management	FIT Elective Level 2	<b>FIT3158</b> Business decision modelling	<b>FIT3174</b> IT strategy and governance or <b>FIT3138</b> Real time enterprise systems
<b>YEAR 4</b> Semester 1	<b>CDS3001</b> Communication design studio 4 (12 pts) or <b>IDN3001</b> Industrial design studio 4 (12 pts) or <b>SDN3001</b> Spatial design studio 4 (12 pts) or <b>COL3001</b> Collaborative design studio 4 (12 pts)		<b>TDN3001</b> Research for design	<b>FIT3047</b> IE studio project 1
<b>YEAR 4</b> Semester 2	<b>CDS3002</b> Communication design studio 5 (12 pts) or <b>IDN3002</b> Industrial design studio 5 (12 pts) or <b>SDN3002</b> Spatial design studio 5 (12 pts) or <b>COL3002</b> Collaborative design studio 5 (12 pts)		<b>TDN3002</b> Design strategy and professional practice	<b>FIT3048</b> IE studio project 2

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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**

<b>YEAR 1</b> Semester 1	<b>AHT1101</b> Introduction to the history and theory of art, design and architecture & <b>OHS1000</b> Introduction to art and design health and safety (0 points)	<b>DWG1201</b> Drawing 1	<b>FIT1045</b> Algorithms and programming fundamentals in python or <b>FIT1048</b> Fundamentals of C++ or <b>FIT1051</b> Programming fundamentals in java	<b>FIT1047</b> Introduction to computer systems, networks and security
<b>YEAR 1</b> Semester 2	<b>TDN1002</b> Design and the avant-garde	<b>FIT1049</b> IT professional practice	<b>FIT2094</b> Databases	FIT Elective 1
<b>YEAR 2</b> Semester 1	<b>COL1001</b> Collaborative design studio 1 (12 pts)		<b>TDN2001</b> Sociologies of design	<b>FIT2093</b> Introduction to cyber security
<b>YEAR 2</b> Semester 2	<b>CDS1002</b> Communication design studio 2 (12 pts) or <b>IDN1002</b> Industrial design studio 2 (12 pts) or <b>SDN1002</b> Spatial design studio 2 (12 pts)		<b>FIT2001</b> Systems development or <b>FIT2099</b> Object-oriented design and implementation	<b>FIT2100</b> Operating systems
<b>YEAR 3</b> Semester 1	<b>CDS2001</b> Communication design studio 3 (12 pts) or <b>IDN2001</b> Industrial design studio 3 (12 pts) or <b>SDN2001</b> Spatial design studio 3 (12 pts)		<b>FIT3165</b> Computer networks	<b>FIT3173</b> Software security
<b>YEAR 3</b> Semester 2	<b>FIT2002</b> IT project management	<b>FIT3031</b> Information and network security	<b>FIT2081</b> Mobile application development or <b>FIT3142</b> Distributed computing	FIT Elective 2
<b>YEAR 4</b> Semester 1	<b>CDS3001</b> Communication design studio 4 (12 pts) or <b>IDN3001</b> Industrial design studio 4 (12 pts) or <b>SDN3001</b> Spatial design studio 4 (12 pts) or <b>COL3001</b> Collaborative design studio 4 (12 pts)		<b>TDN3001</b> Research for design	<b>FIT3047</b> IE studio project 1
<b>YEAR 4</b> Semester 2	<b>CDS3002</b> Communication design studio 5 (12 pts) or <b>IDN3002</b> Industrial design studio 5 (12 pts) or <b>SDN3002</b> Spatial design studio 5 (12 pts) or <b>COL3002</b> Collaborative design studio 5 (12 pts)		<b>TDN3002</b> Design strategy and professional practice	<b>FIT3048</b> IE studio project 2

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