

Bachelor of Information Technology – 2024

Double degrees with Business and Commerce (B2017 and B2025)

Business information systems major

Year 1 (48 credit points)

| | | | | |
|-----------------|---|--|----------|----------|
| First Semester | FIT1047 Introduction to computer systems, networks and security | FIT1045 Introduction to programming | Degree 2 | Degree 2 |
| Second Semester | FIT1049 IT professional practice [12 pts FIT study] | FIT1051 Programming fundamentals in java | Degree 2 | Degree 2 |

Year 2 (48 credit points)

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|-----------------|--|---|----------|----------|
| First Semester | FIT2001 Systems development [24pts FIT study] | FIT2081 Mobile applications development [FIT1045 or FIT1051] | Degree 2 | Degree 2 |
| Second Semester | FIT2095 Full stack development [FIT1045 or FIT1051] | FIT2090 Business information systems and processes [24pts FIT or BusEco study] | Degree 2 | Degree 2 |

Year 3 (48 credit points)

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|-----------------|---|--|----------|----------|
| First Semester | FIT2094 Databases [FIT1045 or FIT1051] | FIT3152 Data analytics [FIT2094 and (one of FIT1006, ETC1000, ETF1100 or equivalent)] | Degree 2 | Degree 2 |
| Second Semester | FIT2002 IT project management [36pts level 1 study including FIT1045 or FIT1051] | FIT3138 Real time enterprise systems [12 pts Level 1 FIT, SCI, ENG study] | Degree 2 | Degree 2 |

Year 4 (48 credit points)

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|-----------------|--|--|----------|----------|
| First Semester | FIT3047* Industry experience studio project 1 [Refer to Handbook] | FIT Level 3 Elective** | Degree 2 | Degree 2 |
| Second Semester | FIT3048* Industry experience studio project 2 [FIT3047] | FIT3158 Business decision models [24pts FIT or BusEco study and one of FIT1006, ETC1000, ETF1100 or equivalent] | Degree 2 | Degree 2 |

** Students in the double degrees with Business and Commerce will complete an FIT level 3 elective in place of FIT1006.

* Industry Based Learning (IBL)

- Students accepted into the IBL program completing the Business information systems major will replace FIT3047 and FIT3048 and the FIT Level 3 elective with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.

Bachelor of Information Technology – 2024

Double degrees with Business and Commerce (B2017 and B2025)

Cybersecurity major

Year 1 (48 credit points)

| | | | | |
|-----------------|---|--|----------|----------|
| First Semester | FIT1045 Introduction to programming | FIT1093 Cybersecurity tools and techniques | Degree 2 | Degree 2 |
| Second Semester | FIT1047 Introduction to computer systems, networks and security | FIT1057 Introduction to cybersecurity | Degree 2 | Degree 2 |

Year 2 (48 credit points)

| | | | | |
|-----------------|---|---|----------|----------|
| First Semester | FIT1049 IT professional practice [12 pts FIT study] | FIT2081 Mobile applications development [One of FIT1045 or FIT1048 or FIT1051] | Degree 2 | Degree 2 |
| Second Semester | FIT2094 Databases [One of FIT1045, FIT1048 or FIT1051] | FIT2100 Operating systems [FIT1047] | Degree 2 | Degree 2 |

Year 3 (48 credit points)

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|-----------------|--|--|----------|----------|
| First Semester | FIT2001 Systems development [24pts FIT study] | FIT3173 Software security [FIT1045 and FIT2100] | Degree 2 | Degree 2 |
| Second Semester | FIT2002 IT project management [36pts level 1 study including one of FIT1045, FIT1048, FIT1051, ENG1003] | FIT3168 IT forensics [FIT1045 and FIT2100] | Degree 2 | Degree 2 |

Year 4 (48 credit points)

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|-----------------|---|---|----------|----------|
| First Semester | FIT3047* Industry experience studio project 1 [Refer to Handbook] | FIT3165 Computer networks [FIT1045] | Degree 2 | Degree 2 |
| Second Semester | FIT3048* Industry experience studio project 2 [FIT3047] | FIT3031 Network security [FIT1047 and FIT1093] | Degree 2 | Degree 2 |

* Industry Based Learning (IBL)

- Students accepted into the IBL program completing the Cybersecurity media major will replace FIT3047 and FIT3048 and FIT3031 with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.

Bachelor of Information Technology – 2024

Double degrees with Business and Commerce (B2017 and B2025)

Games and immersive media major

Year 1 (48 credit points)

| | | | | |
|-----------------|---|-------------------------------------|----------|----------|
| First Semester | FIT1045 Introduction to programming | FIT1073 Game design | Degree 2 | Degree 2 |
| Second Semester | FIT1047 Introduction to computer systems, networks and security | FIT1033 Foundations of 3D | Degree 2 | Degree 2 |

Year 2 (48 credit points)

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|-----------------|--|--|----------|----------|
| First Semester | FIT2001 Systems development [24pts FIT study] | FIT2098 Virtual and augmented reality [FIT1033] | Degree 2 | Degree 2 |
| Second Semester | FIT1049 IT professional practice [12 pts FIT study] | FIT2145 Game prototyping [FIT1073] | Degree 2 | Degree 2 |

Year 3 (48 credit points)

| | | | | |
|-----------------|---|---|----------|----------|
| First Semester | FIT3187 3D character animation [FIT2098] | FIT2096 Games programming [FIT1045] OR FIT2169 Immersive environments [FIT1033] | Degree 2 | Degree 2 |
| Second Semester | FIT2002 IT project management [36pts level 1 study including FIT1045 or FIT1051] | FIT2094 Databases [FIT1045 or FIT1051] | Degree 2 | Degree 2 |

Year 4 (48 credit points)

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|-----------------|---|---|----------|----------|
| First Semester | FIT3039* Studio project 1 [FIT2145 and one of FIT2096 or FIT2169 and 84 points of study] | FIT3172* Sonics [24 pts of level 2 study] | Degree 2 | Degree 2 |
| Second Semester | FIT3040* Studio project 2 [FIT3039] | FIT3097 Technical art [One of FIT2096, FIT2145, FIT2169] | Degree 2 | Degree 2 |

* Industry Based Learning (IBL)

- Students accepted into the IBL program completing the Games and immersive media major will replace FIT3039 and FIT3040 and FIT3172 with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.

Bachelor of Information Technology – 2024

Double degrees with Business and Commerce (B2017 and B2025)

Software development major

Year 1 (48 credit points)

| | | | | |
|-----------------|---|--|----------|----------|
| First Semester | FIT1045 Introduction to programming | FIT1050 Web fundamentals | Degree 2 | Degree 2 |
| Second Semester | FIT1047 Introduction to computer systems, networks and security | FIT1051 Programming fundamentals in java | Degree 2 | Degree 2 |

Year 2 (48 credit points)

| | | | | |
|-----------------|--|--|----------|----------|
| First Semester | FIT1049 IT professional practice [12 pts FIT study] | FIT2081 Mobile application development [FIT1045 or FIT1051] | Degree 2 | Degree 2 |
| Second Semester | FIT2094 Databases [FIT1045 or FIT1051] | FIT2175 Usability [FIT1045 or FIT1051] | Degree 2 | Degree 2 |

Year 3 (48 credit points)

| | | | | |
|-----------------|---|---|----------|----------|
| First Semester | FIT2001 Systems development [24pts FIT study] | FIT3178 iOS app development [FIT1045 and 24 pts of FIT Level 2 or 3 units] | Degree 2 | Degree 2 |
| Second Semester | FIT2002 IT project management [36pts level 1 study including FIT1045 or FIT1051] | FIT2104 Web database interface [FIT2094] | Degree 2 | Degree 2 |

Year 4 (48 credit points)

| | | | | |
|-----------------|--|--|----------|----------|
| First Semester | FIT3047* Industry experience studio project 1 [Refer to Handbook] | FIT3077 Software engineering: architecture and design [FIT1045 and FIT2001] | Degree 2 | Degree 2 |
| Second Semester | FIT3048* Industry experience studio project 2 [FIT3047] | FIT3146* Maker lab [FIT1045 or FIT1051 and 90 pts of any units] | Degree 2 | Degree 2 |

* Industry Based Learning (IBL)

- Students accepted into the IBL program completing the Software development major will replace FIT3047 and FIT3048 and FIT3146 with FIT3045 Industry based learning (18 points).
- IBL placements will normally be completed in semester 2 of third year or semester 1 of fourth year.
- Students completing an IBL placement must overload in one semester OR complete a summer unit in order to complete the course in 4 years.