# Year 1

### Semester 1
- **FIT1004** Data management or **FIT2094** Databases
  - [FIT1040 or FIT1045 or FIT1048 or FIT1051](CL S1, S2)
- **FIT1040** Digital futures: adventures in programming (CL S1)
- **FIT1033** Foundations of 3D (CL S1)
- **VCM1001** Visual communication or **FIT1046** Interactive media foundations (CL S2)

### Semester 2
- **FIT1031** Computers and networks or **FIT1047** Introduction to computers, networks and security (CL S1, S2)
- **FIT1034** Principles of computer graphics or **FIT2097** Games Programming 2 (FIT2096) (CL S2)
- **Elective 1** (any Monash unit)
- **Elective 2** (any Monash unit)

# Year 2

### Semester 1
- **FIT2001** Systems development [24pts FIT units] (CL S1, S2)
- **FIT2002** IT project management [Refer to Handbook] (CL S1, S2)
- **FIT2049** Games programming with C++ or **FIT2096** Games Programming 1 [FIT1048 or FIT2071] (CL S1)
- **Elective 3** (any Monash unit)

### Semester 2
- **FIT2003** IT professional practice [24pts FIT study] or **FIT1049** IT professional practice [12pts FIT units] (CL S1, S2)
- **FIT2071** Foundations of C++ or **FIT1048** Foundations of C++ (CL S2)
- **FIT2073** Game design studio 1 (CL S2)
- **Elective 4** (any Monash unit)
- **Elective 7** (any Monash unit)

# Year 3

### Semester 1
- **FIT3039** Studio project 1 [Refer to Handbook] (CL S1, S2)
- **FIT3094** Artificial life, artificial intelligence and virtual environments [FIT2049 or FIT2096] (CL S1)
- **FIT3145** Game Design studio 2 [Refer to Handbook] (CL S2)
- **Elective 5** (any Monash unit)

### Semester 2
- **FIT3040** Studio project 2 [FIT3039] (CL S1, S2)
- **FIT3146** Emergent technologies and interfaces [24pts level 2 or 3 FIT units] (CL S2)
- **Elective 6** (any Monash unit)
- **Elective 7** (any Monash unit)

### Course Requirements Checklist
- 6 x Information technology core units
- 9 x Information Technology and Systems Games Development major units
- 2 x Studio units
- 7 x Elective units

All course variations must be approved by the Course Director and must be confirmed in writing.

Please see [https://monash.edu/pubs/2018handbooks/units/index.html](https://monash.edu/pubs/2018handbooks/units/index.html) for unit descriptions.