

# BACHELOR OF INFORMATION TECHNOLOGY (C2000) – 2019

## Games Development major

### Year 1 (48 credit points)

<b>First Semester</b>	<b>FIT1047</b> Introduction to computer systems, networks and security	<b>FIT1033</b> Foundations of 3D	<b>FIT Elective 1</b>	<b>Elective</b>
<b>Second Semester</b>	<b>FIT1049</b> IT professional practice [12 pts FIT study]	<b>FIT1048</b> Fundamentals of C++	<b>FIT2073</b> Game design studio 1	<b>Elective</b>

### Year 2 (48 credit points)

<b>First Semester</b>	<b>FIT2001</b> Systems development [24pts FIT study] OR <b>FIT2099</b> Object-oriented design and implementation [One of FIT1045, FIT1048 or FIT1051]	<b>FIT2096</b> Games programming 1 [FIT1048]	<b>FIT2094</b> Databases [One of FIT1045, FIT1048 or FIT1051]	<b>Elective</b>
<b>Second Semester</b>	<b>FIT2002</b> IT project management [36pts level 1 study including one of (FIT1040, FIT1045, FIT1048, FIT1051, ENG1003) and FIT1049]	<b>FIT2097</b> Games programming 2 [FIT2096]	<b>FIT3145</b> Game design studio 2 [FIT2073 & FIT2096]	<b>Elective</b>

### Year 3 (48 credit points)

<b>First Semester</b>	<b>FIT3039</b> Studio project 1 [[FIT2091 and FIT2087] or (FIT2073 and FIT2096)]	<b>FIT3094</b> Artificial life, artificial intelligence and virtual environments [FIT2096]	<b>Elective</b>	<b>Elective</b>
<b>Second Semester</b>	<b>FIT3040</b> Studio project 2 [FIT3039]	<b>FIT3146</b> Maker lab [One of FIT1045, FIT1048 or FIT1051, ENG1003 and 90pts of study]	<b>Elective</b>	<b>Elective</b>

### Notes

<b>Credit points</b>	Unless specified, all units are worth 6 credit points Bachelor of Information Technology 24 units x 6cp = Total of 144 credit points
<b>Year Level Requirements</b>	1) Normally 48 points, and a maximum of 60 points, of first year level units will be counted; 2) At least 36 points must be completed at third year level.
<b>Unit requisites</b>	All pre-requisite and co-requisite requirements must be undertaken in order to be able to enrol into a specific unit
<b>Duration of degree</b>	3 years full-time, 6 years part-time
<b>Time limit</b>	Time limit = 8 years. Students have eight years in which to complete this award from the time they commence first year. Periods of intermission are counted as part of the eight years.
<b>Monash University handbook</b>	Students should follow the course requirements for the year the course was commenced <a href="http://monash.edu/pubs/2019handbooks/courses/index-byfaculty-it.html">http://monash.edu/pubs/2019handbooks/courses/index-byfaculty-it.html</a>