

**BACHELOR OF INFORMATION TECHNOLOGY AND SYSTEMS (3334)**  
**Business Systems/ Applications development and networks double major:**  
**Gippsland and OCL**

Bachelor of Commerce in Business Systems: South Africa

Student Name: \_\_\_\_\_ ID: \_\_\_\_\_

**Level 1**

<b>Semester 1</b>	<b>FIT1001</b> Computer Systems	<b>FIT1002</b> Computer Programming	<b>FIT1003</b> IT in Organisations	<b>Elective 1</b> (any Monash level 1,2 or 3 unit)
<b>Semester 2</b>	<b>FIT1004</b> Database	<b>FIT1005</b> Networks and Data Communications	<b>FIT1009</b> E-commerce systems	<b>FIT1007</b> Computer programming 2 [FIT1002]

**Level 2**

<b>Semester 1</b>	<b>FIT2001</b> Systems Analysis & Design	<b>MAT1097</b> Quantitative analysis	<b>FIT2029</b> Web programming [FIT1004 & FIT1002]	<b>FIT2020</b> Networks and data communications 2 [FIT1005]
<b>Semester 2</b>	<b>FIT2002</b> IT Project Management [24pts level 1 IT study]	<b>FIT2005</b> Systems analysis and design 2 [FIT2001]	<b>FIT2033</b> Computer models for business decisions [MAT1097]	<b>FIT2009</b> Data structures and algorithms [FIT1007]

**Level 3**

<b>Semester 1</b>	<b>FIT3047</b> Industrial Experience Project 1 [Common Core plus three units from major at level 1 or 2]	<b>FIT3002</b> Applications of data mining [FIT1004]	Level 3 Business Systems elective unit (see list below)	<b>FIT3046</b> Operating environments. [FIT1001]
<b>Semester 2</b>	<b>FIT3048</b> Industrial Experience Project 2 [FIT3047]	<b>FIT3019</b> Information systems management. [FIT2005 or FIT2027]	Level 3 Business Systems elective unit (see list below)	<b>FIT3037</b> Software engineering [FIT2005]

Each unit is worth six credit points. A total of 144 points are required with a maximum of 60 points from 1<sup>st</sup> year level units. Students need to check prerequisites and prohibitions for units. Any unit variations must be must be approved by the Course Director.

*Business Systems level 3 elective list. Not all units on the list will be offered each year. List subject to change.*

- FIT3005 Computer Graphics [FIT1007]
- FIT3011 Enterprise Programming [FIT1007]
- FIT3021 Infrastructure for eCommerce [FIT2005]
- FIT3031 Information and Network Security [FIT1005]