

# Bachelor of Computer Science

## Internet of Things Major - BA-CS Mid Year Intake

### Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, prerequisite requirements and the semester in which you commenced your course. Changes to this planner may extend the duration of your course.

Students may not complete more than 150 credit points at an Introductory Level. eg SOC1xxxx A unit of study can only be counted once, where units are shared between majors and/or minors, students must choose an approved alternate.

## Year One

Semester Two Your First Semester	
COS10003 Computer and Logic Essentials	+12.5
COS10009 Introduction to Programming	+12.5
COS10011 Creating Web Applications	+12.5
TNE10005 Network Administration	+12.5

## Year Two

Semester One		Semester Two	
COS20007 Object-Oriented Programming	+12.5	COS20015 Fundamentals of Data Management	+12.5
STA10003 Foundations of Statistics	+12.5	COS30015 IT Security	+12.5
COS20019 Cloud Computing Architecture	+12.5	COS30017 Software Development for Mobile Devices	+12.5
Component Unit	+12.5	Component Unit	+12.5

## Optional Component

<b>Professional Placement</b> An additional 6 months or 1 year to your course. Your course rules will be modified to accommodate the Professional Placement.	+50 / +100
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## Year Three

Semester One		Semester Two	
SWE40001 ** Software Engineering Project - A	+12.5	SWE40002 ** Software Engineering Project - B	+12.5
SWE20001 Development Project 1 - Tools and Practices	+12.5	ICT30005 Professional Issues in Information Technology	+12.5
SWE30011 IoT Programming	+12.5	SWE30012 IoT Launcher Project	+12.5
Component Unit	+12.5	Component Unit	+12.5

## Year Four

Semester One	
Component Unit	+12.5
Component Unit	+12.5
Component Unit	+12.5
Component Unit	+12.5

### \*\* Recommended Sequence

It is strongly recommended students complete units SWE40001 and SWE40002 in the same calendar year

### How to use your Course Planner

Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

### Course Information

**Bachelor of Computer Science**  
300 Credit Points

<b>Core units</b> 100 Credit points
A set of compulsory units you must complete as part of your Course.

<b>First Major units</b> 100 Credit points
A structured set of 8 units or 100 credit points in a field of study specific to your course.

<b>Component units</b> 100 credit points
Can be completed from a combination of the following:
<b>MINOR</b> A structured set of 4 units or 50 credit points from a field of study which you can choose in addition to a first major.
<b>ELECTIVES</b> A standalone unit from any study area.

<b>Professional Placement</b> 50 / 100 Credit points
A Professional Placement is a Work Integrated Learning (WIL) option. You can apply for Professional Placement during your second year. More information on Professional Placement and other WIL options at <a href="#">Work Integrated Learning</a>

### FAQ's

**How can I find which component units I can enrol in ?**

Visit [Bachelor of Computer Science](#) for major/co-major/minor and elective options.

**Where can I find out more about individual unit content (including requisites)?**

Visit [Single Unit Search](#) page

**How can I find out when units are offered?**

You can view unit availabilities before class registration opens at the [University Timetable Planner](#)

**Where can I find what online units are available?**

For a full listing of online unit go to [Online Units](#).

**What's a full-time study load?**

100 credit points (8 units per year)

**What's a part-time study load?**

50 credit points (4 units per year)