BACHELOR OF COMPUTER SCIENCE - Network Design Major BA-CS

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

Y1

**Your First SEMESTER**

- COS10009 Introduction to Programming
- COS10011 Creating Web Applications
- COS10003 Computer and Logic Essentials
- TNE10006 Networks and Switching

**Your Second SEMESTER**

- COS520015 Fundamentals of Data Management
- TNE20002 Network Routing Principles
- TNE20004 Technical Software Development

Component unit

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<tr>
<th>Component unit</th>
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Optional Component

Professional Placement
An additional 6 months or 1 year to your course. Your course rules will be modified to accommodate the Professional Placement.

Y2

**First SEMESTER**

- TNE10005 Network Administration

**Second SEMESTER**

- TNE30019 UNIX for Telecommunications
- TNE30018 Enterprise Network Server Administration
- INF30029 Information Technology Project Management

Component unit

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Y3

**First SEMESTER**

- SWE40001 Software Engineering Project - A
- TNE30023 Advanced Switching

**Second SEMESTER**

- SWE40002 Software Engineering Project - B
- ICT30005 Professional Issues in Information Technology
- TNE30022 Design & Management of Networks

Component unit

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<th>Component unit</th>
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Course Information

**CORE UNITS**
A set of compulsory units you **MUST** complete as part of your Course

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<tr>
<th>Core units</th>
<th>100 Credit points</th>
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**FIRST MAJOR UNITS**
A structured set of 8 units or 100 credit points in a field of study specific to your course

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<th>100 Credit points</th>
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**COMPONENT UNITS**
Can be completed from a combination of the following.

- **Second Major**
  A structured set of 8 units or 100 credit points in a field of study specific to your course which you can choose in addition to a first major.

- **Co-Major**
  A structured set of 8 units or 100 credit points in a field of study outside your course area which you can choose in addition to a first major.

- **Minor**
  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.

- **Electives**
  A standalone unit from any study area.

Optional Component

Professional Placement
An additional 6 months or 1 year to your course. Your course rules will be modified to accommodate the Professional Placement.

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**Recommended Sequence**

Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, unit progression, timetabling and the semester in which you commenced your course.

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**Work Integrated Learning (WIL)**

- 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 Work Integrated Learning.

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**Optional Component**

Professional Placement
An additional 6 months or 1 year to your course. Your course rules will be modified to accommodate the Professional Placement.

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**What is a component unit?**

A unit that forms part of a second major/co-major/minor or elective, that you select.

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

- Visit Bachelor of Computer Science Course Information for major/co-major/minor and elective options.
- What's a full-time study load?
  - 100 credit points (8 units per year)
  - 50 credit points (4 units per year)

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

- 50 credit points (4 units per year)

**How can I plan my timetable to make sure my lectures don’t clash?**

- Check the University Timetable Planner before enrolling into units.

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

- Check the Swinburne Online Units for online offerings.