# Course Enrolment Planner

**BACHELOR OF COMPUTER SCIENCE PROFESSIONAL**

**Software Design Major - BA-CSPROF**

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.

### Fast Track Summer/Winter/Online

<table>
<thead>
<tr>
<th>Component unit</th>
<th>Component unit</th>
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### Y1

**Your First SEMESTER**

- COS10009 Introduction to Programming 12.5
- COS10011 Creating Web Applications 12.5
- COS10003 Computer and Logic Essentials 12.5
- TNE10006 Networks and Switching 12.5

**Your Second SEMESTER**

- COS20015 Fundamentals of Data Management 12.5
- COS20007 Object-Oriented Programming 12.5
- COS10004 Computer Systems 12.5

### Y2

**SEMIESTER**

- SWE40001 Software Engineering Project - A 12.5
- COS30008 Data Structures and Patterns 12.5
- COS30019 Introduction to Artificial Intelligence 12.5
- INF30029 Information Technology Project Management 12.5

- SWE40002 Software Engineering Project - B 12.5
- COS30023 Languages in Software Development 12.5
- Component unit 12.5
- Component unit 12.5

### Y3

**SEMIESTER**

- ICT20013 Integrated Professional Placement A 25
- ICT20014 Integrated Professional Placement B 25
- WEI20001 Work Experience in Industry A 25
- WEI20002 Work Experience in Industry B 25

### Y4

**SEMIESTER**

- ICT30005 Professional Issues in Information Technology 25
- COS40003 Concurrent Programming 25
- COS40004 Topics in Computer Science 25

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**CORE UNITS**

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

**FIRST MAJOR UNITS**

A structured set of 8 units or 100 credit points in a field of study specific to your course

**COMPONENT UNITS**

Can be completed from a combination of the following.

- 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.

**Professional Placement Co-Major**

This is a paid professional placement of 12 months in an area relevant to the course. More information is available from Work Integrated Learning

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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, Professional Course Information for major/co-major/minor and elective options.

**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)

**What’s Fast Track?**

To complete your course in 3.5 years, you will need to complete 2 units over a Summer/Winter/Online teaching period or during your placement year. If a core or first major unit is listed under fast track, this unit(s) may need to be completed during your placement 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.

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+C = Credit points

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