Swinburne Vietnam

Course enrolment planner

Bachelor of Computer Science - BA-CS Software Development Major

Recommended Sequence

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

In your final year, you have the option of completing an internship unit of 25cp - ICT20015 Internship (ICT) (pre-requisite 150cps). Please speak to your Course Coordinator/Academic Director to plan your course.

Students should complete no more than 150 credit points (normally 12 units) at Introductory Level (i.e. ABC1XXXX)

Year One

Semester 1

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS10009 Introduction to Programming	+12.5	Nil	
COS10004 Computer Systems	+12.5	(AK) Familiarity with boolean algebra and number systems (Concurrent-req) COS10009 OR (P) ICT10001	

Semester 2

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS10026 Computing Technology Inquiry Project	+12.5	(A) COS10011	
TNE10006 Networks and Switching	+12.5	Nil	
Elective	+12.5		

Semester 3

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS10025 Technology in an Indigenous Context Project	+12.5	(A) COS10027	
COS20007 Object Oriented Programming	+12.5	(P) COS10009 OR SWE20004 OR COS10001 OR INF10016 OR COS10028	
COS20019 Cloud Computing Architecture	+12.5	(P) 50 cps (A) COS10034	

Year Two

Semester 4

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS20031 Computing Technology Design Project	+12.5	(P) COS10009 OR COS10005 OR COS10026	
COS30008 Data Structures and Patterns	+12.5	(P) COS30016 OR COS20007 OR COS20011	
Elective	+12.5		

Semester 5

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS30049 Computing Technology Innovation Project	+12.5	Nil	
Elective	+12.5		
Elective	+12.5		

Semester 6

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
SWE30003 Software Architectures and Design	+12.5	(P) COS20007 AND 150 cps	
COS30043 Interface Design and Development	+12.5	(P) COS10005 OR COS10011 OR COS10026 OR ENG20009 AND COS20007 OR SWE20004	
Elective	+12.5		

Year Three

Semester 7

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
Elective	+12.5		
Elective	+12.5		

Semester 8

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS40005 Computing Technology Project A	+12.5	(P) 175 cps	
SWE30009 Software Testing and Reliability	+12.5	(P) COS20007 OR SWE20004	
COS40003 Concurrent Programming	+12.5	(P) COS20007 OR SWE20004 OR COS30008	

Semester 9

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS40006 Computing Technology Project B	+12.5	(P) COS40005	
Elective	+12.5		

How to use your course planner

The units in your planner are colour coded to assist you with mapping out your studies. Refer to the boxes below for an overview of your course requirements. Once you successfully complete a unit, under the **"Completed"** column, tick "**Yes**".

Your course planner gives you a comprehensive overview of which units you have completed and which units you have remaining to complete. You will also be able to see if you meet the requisites before you enroll in your next unit/s.

Course Information

Course 300 Credit Points

Core units
100 Credit points

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

Major units
100 Credit points

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

Elective units
100 Credit points

A combination of elective units you **MUST** complete as part of your course.

Enrolment

Check **'My Enrolment'** to ensure that you are planning to enrol in the right units, prioritising prerequisite and co-requisite units.

If you enrol in units in the wrong order, it can affect your enrolment into future units, and the duration to complete your course.

Types of requisites

• Prerequisite (P) — you must complete this unit before enrolling in a following unit.

• Co-requisites (Co-req) — you must complete this pair of units at the same time.

• Concurrent prerequisites (Concurrent-req) — you may complete these units either at the same time or before the higher unit.

• Anti-requisite (A) — unit/s with similar content.

• Assumed Knowledge (AK) — minimum level of knowledge needed for the unit.

FAQs

How can I find more information about my course

Visit **Bachelor of Computer Science** for major options.

Where can I find out more about individual unit information?

Visit the **Single Unit Search** page to search for additional unit content.