Barzan University College

Course enrolment planner

Bachelor of Computer Science - BA-CS

Artificial Intelligence Major

Recommended Sequence

The sequencing of units listed on your Course planner depends on unit availability, pre-requisite requirements and the semester in which you commenced your course. Students are strongly advised to follow the below recommended sequence of units during enrolment. If the recommended sequence is not followed, it can impact your smooth progression through the course, and may extend the duration of your program. If you have any questions or concerns, don't hesitate to reach out to your Program Coordinator 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)
COS10004 Computer Systems	+12.5	(AK) familiarity with boolean algebra and number systems (Concurrent P) COS10009	
COS10009 Introduction to Programming	+12.5	Nil	
COS10026 Web Technology Project	+12.5	(E) COS10011	
Elective	+12.5		

Semester 2

Unit details	Credit Points	Requisite(s)	
COS10025 Technology in an Indigenous Context Project	+12.5	(E) COS10027	
COS20007 Object Oriented Programming	+12.5	(P) COS10009 OR COS30043	
TNE10006 Networks and Switching	+12.5	Nil	
Elective	+12.5		

Year Two

Semester 3

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS20019 Cloud Computing Architecture	+12.5	(P) 50 cp	
COS20031 Database Design Project	+12.5	(P) COS10009 OR COS10026	
COS30019 Introduction to Artificial Intelligence	+12.5	(P) COS20007 OR COS30008 (AK) Object oriented programming at an intermediate level	
Elective	+12.5		

Semester 4

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS30049 Computing Technology Innovation Project	+12.5	(P) COS10009 OR COS10026	
COS30018 Intelligent Systems	+12.5	(P) COS20007 OR COS30043 (AK) Object oriented programming at an intermediate level	
Elective	+12.5		
Elective	+12.5		

Year Three

Semester 5

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS40005 Computing Technology Project A	+12.5	(P) 175 cps (AK) Advanced Computer Programming (e.g. COS20007), AND IT Project Management (e.g. COS20031)	
COS40007 Artificial Intelligence for Engineering	+12.5	(P) 100 cps AND COS10009	
SWE30003 Software Architectures and Design	+12.5	(P) COS20007 AND 150 cps	
Elective	+12.5		

Semester 6

Unit details	Credit Points	Requisite(s)	Completed (Y/N)
COS40006 Computing Technology Project B	+12.5	(P) COS40005	
COS30082 Applied Machine Learning	+12.5	(P) COS30019 OR COS30018	
Elective	+12.5		
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-P) — 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.