



Credit Arrangement

ANU College of Engineering and Computer Science & Temasek Polytechnic

The table below outlines the minimum academic requirements and indicative credit that may be granted. Note: All applicants must provide evidence that their English language ability meets minimum requirement for admission. For detailed information please visit: anu.edu.au/study/apply/english-language-requirements For more details on each courses listed below, please visit: programsandcourses.anu.edu.au

Credit Arrangement: [Bachelor of Information Technology \(BIT\)](#)

Completion of Temasek Polytechnic (TP) Diploma	ANU Bachelor Degree	ANU Normal Duration in Years (Credits)	Advanced Standing in Years (Credits)	Time to Complete Degree at ANU (Credits)	Academic Requirements
Diploma in Computer Engineering	Bachelor of Information Technology	3 years (144 Units)	1.5 years (72 Units)	1.5 years (72 Units)	CGPA 3.2 and above for SP Diploma

Advanced Standing Details (credits students will receive) towards the BIT Program

Course Code	Course Name	Course Code	Course Name
COMP1100	Programming as Problem Solving	ENGN1211	Discovering Engineering
COMP1110	Structured Programming	MATH1013	Mathematics and Applications 1
COMP1710	Tools for New Media and the Web	UNSP-NONIT-0112	12 units of unspecified 1000-series non-IT courses
COMP2300	Computer Organisation and Program Execution	UNSP-NONIT-0212	12 units of unspecified 2000-series non-IT courses
COMP2400	Relational Databases	UNSP-IT-0206	6 units of unspecified 2000-series IT courses

Sample Study Plan

Grade Average	Advanced Standing in Years (Credits)	Commencement Intake	Major	Page
CGPA of 3.2 and above	1.5 years (72 Units)	Semester 1 Commencement (February)	No Major	2
			Computer Systems	4
			Information Systems	6
		Semester 2 Commencement (July)	No Major	3
			Computer Systems	5
			Software Development	7

For more details on Temasek Polytechnic (TP) partnership with ANU, please visit: <https://cecs.anu.edu.au/study/partner-uni/temasek-polytechnic>



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Diploma in Computer Engineering	Bachelor of Information Technology	3 years (144 Units)	1.5 years (72 Units)	1.5 years (72 Units)	CGPA 3.2 and above for SP Diploma

Sample Study Plan: **Semester 1 Commencement (February)**

No major

Students study four courses per semester at ANU. For more details on each courses listed below, please visit: programsandcourses.anu.edu.au

	ANU Semester 1 (February)	ANU Semester 2 (July)
Year 1 at ANU (48 units)	<ul style="list-style-type: none"> COMP2100 Software Design Methodologies COMP2420 Introduction to Data Management, Analysis and Security MATH1005 Discrete Mathematical Models Elective (6 units) 	<ul style="list-style-type: none"> COMP1600 Foundations of Computing 3000/4000-series IT (6 units) 3000/4000-series IT (6 units) Elective (6 units)
Year 2 at ANU (24 units)	<ul style="list-style-type: none"> 3000/4000-series IT (6 units) 3000/4000-series IT (6 units) Elective (6 units) Elective (6 units) 	

NOTE: It is a student's responsibility to ensure the above is correct and satisfies the degree requirements of the program. This is a guide only and is provided to assist students with their enrolment planning. (Last Updated: March 2018)

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Sample Study Plan: **Semester 2 Commencement (July)**

No major

Students study four courses per semester at ANU. For more details on each courses listed below, please visit: programsandcourses.anu.edu.au

	ANU Semester 1 (February)	ANU Semester 2 (July)
Year 1 at ANU (24 units)		<ul style="list-style-type: none"> COMP1600 Foundations of Computing COMP2100 Software Design Methodologies 3000/4000-series IT (6 units) Elective (6 units)
Year 2 at ANU (48 units)	<ul style="list-style-type: none"> COMP2420 Introduction to Data Management, Analysis and Security MATH1005 Discrete Mathematical Models 3000/4000-series IT (6 units) Elective (6 units) 	<ul style="list-style-type: none"> 3000/4000-series IT (6 units) 3000/4000-series IT (6 units) Elective (6 units) Elective (6 units)

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Sample Study Plan: **Semester 1 Commencement (February)**

Computer Systems Major

Students study four courses per semester at ANU. For more details on each courses listed below, please visit: programsandcourses.anu.edu.au

	ANU Semester 1 (February)	ANU Semester 2 (July)
Year 1 at ANU (48 units)	<ul style="list-style-type: none"> COMP2100 Software Design Methodologies COMP2420 Introduction to Data Management, Analysis and Security MATH1005 Discrete Mathematical Models COMP3310 Computer Networks 	<ul style="list-style-type: none"> COMP1600 Foundations of Computing COMP2310 Systems, Networks and Concurrency ENGN3213 Digital Systems and Microprocessors 3000/4000-series IT (6 units) [1]
Year 2 at ANU (24 units)	<ul style="list-style-type: none"> 3000/4000-series IT (6 units) [1] 3000/4000-series IT (6 units) [2] Major (6 units) [2] Major (6 units) [2] 	

[1] One of these must be COMP3300, which is only offered in even years. The other must be from the second list in the major.

[2] Must be from the second list in the major.

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Sample Study Plan: **Semester 2 Commencement (July)**

Computer Systems Major

Students study four courses per semester at ANU. For more details on each courses listed below, please visit: programsandcourses.anu.edu.au

	ANU Semester 1 (February)	ANU Semester 2 (July)
Year 1 at ANU (24 units)		<ul style="list-style-type: none"> COMP1600 Foundations of Computing COMP2310 Systems, Networks and Concurrency ENGN3213 Digital Systems and Microprocessors 3000/4000-series IT (6 units) [1]
Year 2 at ANU (48 units)	<ul style="list-style-type: none"> COMP2100 Software Design Methodologies COMP2420 Introduction to Data Management, Analysis and Security COMP3310 Computer Networks MATH1005 Discrete Mathematical Models 	<ul style="list-style-type: none"> 3000/4000-series IT (6 units) [1] 3000/4000-series IT (6 units) [2] Major (6 units) [2] Major (6 units) [2]

[1] One of these must be COMP3300, which is only offered in even years. The other must be from the second list in the major.

[2] Must be from the second list in the major.

Students should learn some introductory logic before arriving (the equivalent of what is covered in MATH1005 Discrete Mathematical Models, since this is assumed knowledge in COMP1600 Foundations of Computing).

NOTE: It is a student's responsibility to ensure the above is correct and satisfies the degree requirements of the program. This is a guide only and is provided to assist students with their enrolment planning. (Last Updated: March 2018)

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Diploma in Information Technology	Bachelor of Information Technology	3 years (144 Units)	1.5 years (72 Units)	1.5 years (72 Units)	CGPA 3.2 and above for SP Diploma

Sample Study Plan: **Semester 1 Commencement (February)**

Information Systems Major

Students study four courses per semester at ANU. For more details on each courses listed below, please visit: programsandcourses.anu.edu.au

	ANU Semester 1 (February)	ANU Semester 2 (July)
Year 1 at ANU (48 units)	<ul style="list-style-type: none"> COMP2100 Software Design Methodologies MATH1005 Discrete Mathematical Models INFS1001 Business Information Systems INFS2024 Information Systems Analysis 	<ul style="list-style-type: none"> COMP1600 Foundations of Computing COMP2120 Software Engineering INFS3059 Project Management and Information Systems 3000/4000-series IT (6 units) [1]
Year 2 at ANU (24 units)	<ul style="list-style-type: none"> COMP2410 Networked Information Systems COMP2420 Introduction to Data Management, Analysis and Security INFS3024 Information Systems Management 3000/4000-series IT (6 units) [1] 	

[1] One of these must be from the second list in the major.

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Diploma in Information Technology	Bachelor of Information Technology	3 years (144 Units)	1.5 years (72 Units)	1.5 years (72 Units)	CGPA 3.2 and above for SP Diploma

Sample Study Plan: **Semester 2 Commencement (July)**

Software Development Major

Students study four courses per semester at ANU. For more details on each courses listed below, please visit: programsandcourses.anu.edu.au

	ANU Semester 1 (February)	ANU Semester 2 (July)
Year 1 at ANU (24 units)		<ul style="list-style-type: none"> COMP1600 Foundations of Computing COMP2100 Software Design Methodologies COMP2120 Software Engineering COMP3900 Human Computer Interface Design and Evaluation
Year 2 at ANU (48 units)	<ul style="list-style-type: none"> COMP2420 Introduction to Data Management, Analysis and Security COMP3500 Software Engineering Project COMP3120 Managing Software Development MATH1005 Discrete Mathematical Models 	<ul style="list-style-type: none"> COMP2310 Systems, Networks and Concurrency COMP3500 Software Engineering Project (contd.) COMP3600 Algorithms Major (6 units) [1]

[1] Must be from the second list in the major.

Students should learn some introductory logic before arriving (the equivalent of what is covered in MATH1005 Discrete Mathematical Models, since this is assumed knowledge in COMP1600 Foundations of Computing).

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