Bachelor of Information Technology (BITC) - BIT

QTAC code (Australian and New Zealand applicants): Springfield campus: 923741; Online: 903745; Toowoomba campus: 903741

CRICOS code (International applicants): 007490J

	On-campus	Online
Semester intake:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July) Semester 3 (November)
Campus:	Springfield, Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Standard duration:	3 years full-time, up to 6 years part-time	

- think critically, constructively and logically about project management principles and tools to plan project completions
- communicate clearly and coherently to present relevant knowledge and ideas to a range of audiences
- identify, collect, analyse and manage information for a broad range of information technology issues and challenges
- demonstrate an understanding of ethical standards and socially responsible information technology practices.

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Applied Computer Science major

- recognise the importance of IT service management and demonstrate understanding of the important best practice frameworks
- identify information needs appropriate to their area of specialisation, and apply the techniques required to gather and interpret such information
- demonstrate skills in the analysis and determination of technological issues at management level.

Networking and Security major

On completion of the Networking and Security major, graduates should:

- be able to design, install, confi

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

These are determined by the University for specific programs each Semester. The 2017 OP and tertiary

Applied Computer Science major

Course	Semester of offer Distance/Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
CS			
CSC Develo			
CSC3400			
CSC3403 C Programming			
CSC3412 Syste Administration~			
CSC3426 Web Techn			

Footnotes

~ This course will be offered a

Data Analytics major

Networking and Security major

Course	Semester of offer Distance/Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
CSC2404 Operating Systems	2	2	2
CSC2408 Software Development Tools	1, 2	1, 2	1, 2
CSC3400 Database Systems~	1	1	
CSC3407 Network Fundamentals and Routing~	1	1	
CSC3412 System and Security Administration~	1	1	
CSC3413 Network Design and Analysis~	2	2	
CSC3420 Mobile Internet Technology§	1	1	
CSC3427 Switching, Wireless and WAN Technologies~	2	2	

Footnotes

~ This course will be offered at Springfield campus from 2018.

§ This course will be offered at Springfield campus from 2019.

Minor Studies

A minor study is a coherent group of four units of courses that provides students with an appropriate breadth of study in their program. All students, except those undertaking a second major, must complete a 4-unit minor study. Students who wish to take a minor study not listed in the recommended minors must obtain permission from the Faculty of Business, Education, Law and Arts. Before undertaking any course, the pre-requisite courses must be completed or exempted.

Please note:

When students select a minor(s), courses will only count towards that minor(s) if they have not already counted towards another selected major or minor. Not all minors are available on-campus at all campuses. Students may choose courses from those listed in the Minor Studies section of this Handbook. Enrolment requirements must be satisfied for any course selected.

Electives/Approved courses

Students not completing a double major must select 4 units of elective courses from courses offered at undergraduate level in the area of Business, Law or Sciences or, with the approval of the Faculty of Business, Education, Law and Arts, from other undergraduate courses offered at the University of Southern Queensland. Pre-requisite enrolment requirements must be satisfied for any course selected.

CSC1402 Foundation Computing will not be approved as an elective.

IT requirements

For information technology requirements please refer to the minimum computing standards. Students completing either the Applied Computer Science major or the Networking and Security major will be required to install the Linux operating system as well as a Microsoft Windows operating system. A Linux installation DVD, together with instructions, is available from the USQ Bookshop.

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Other program requirements

Students must maintain good standing in this program. Please refer to the Academic Standing, Progression and Exclusion Procedure.

Articulation

Students enrolled in the joint Diploma of Information Technology/Bachelor of Information Technology must complete the Diploma at TAFE Queensland before continuing enrolment at USQ.

Exit points

Students not wishing to complete the Bachelor of Information Technology may be permitted to exit with the Diploma of Information Technology (DITC) if they have completed 8 courses as follows:

- at least 2 core courses from the Bachelor of Information Technology
- 6 other courses from the Bachelor of Information Technology.

Please note that students who exit with the Diploma of Information Technology (DITC) may need to take undertake further study to be eligible for membership of the Australian Computer Society.

Credit

Candidates for admission to the Bachelor of Information Technology program may be eligible for up to 16 units of credit on the basis of successful completion of relevant, equivalent undergraduate study from a recognised university or institution offering equivalent study. Credit approved in this program will not automatically apply to other programs offered by USQ. Claims for credit for previous study should be submitted prior to or at the time of enrolment. Each claim will be assessed on individual merit in line with USQ policy.

Note: Where credit is granted, maximum and minimum duration will be adjusted in the same proportion as credit, e.g. where 8 units of credit is granted, maximum time will be 6 years and minimum time will be 4 semesters.

Recommended Enrolment Patterns

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

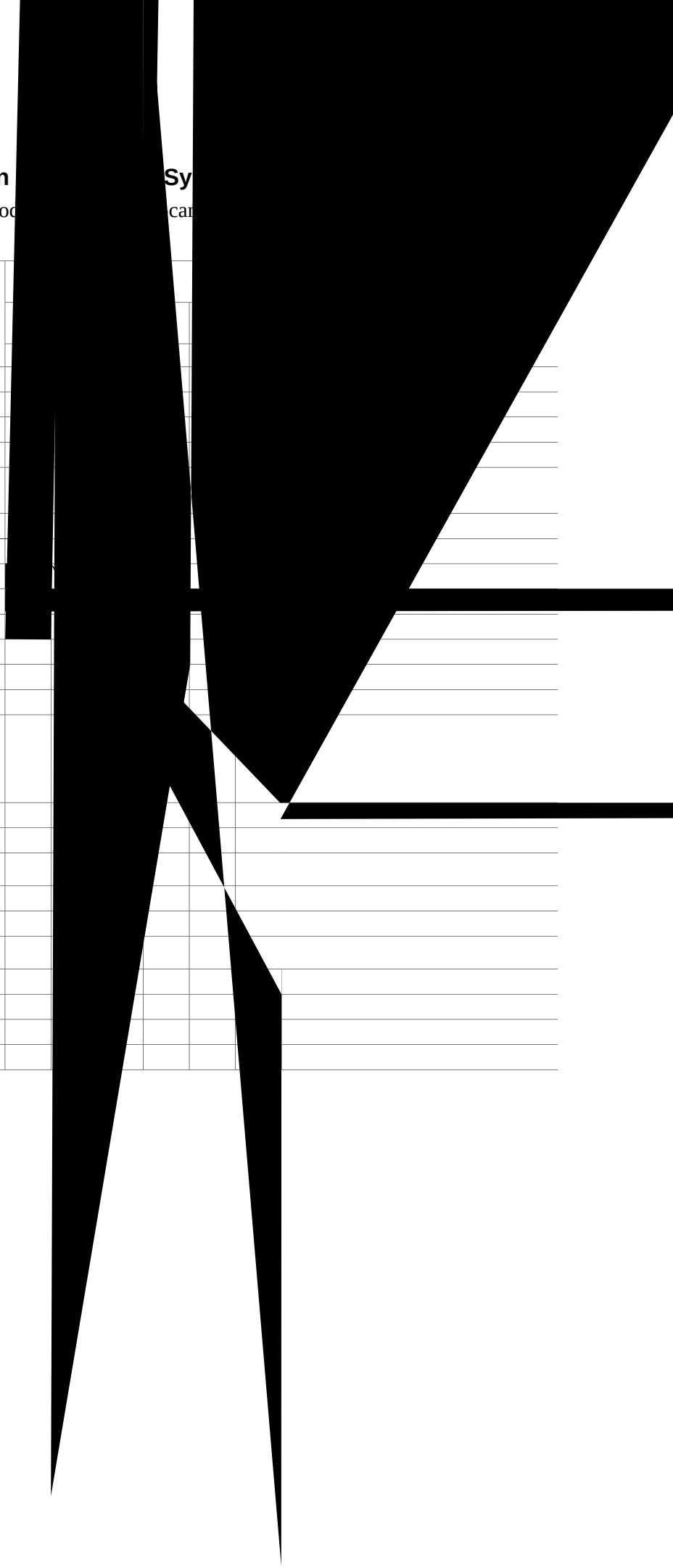
Students should plan their enrolment making sure that they have fulfilled all core, major, minor and elective requirements as shown in the program structure information. Enrolment requirements must be satisfied before enrolling in a course.

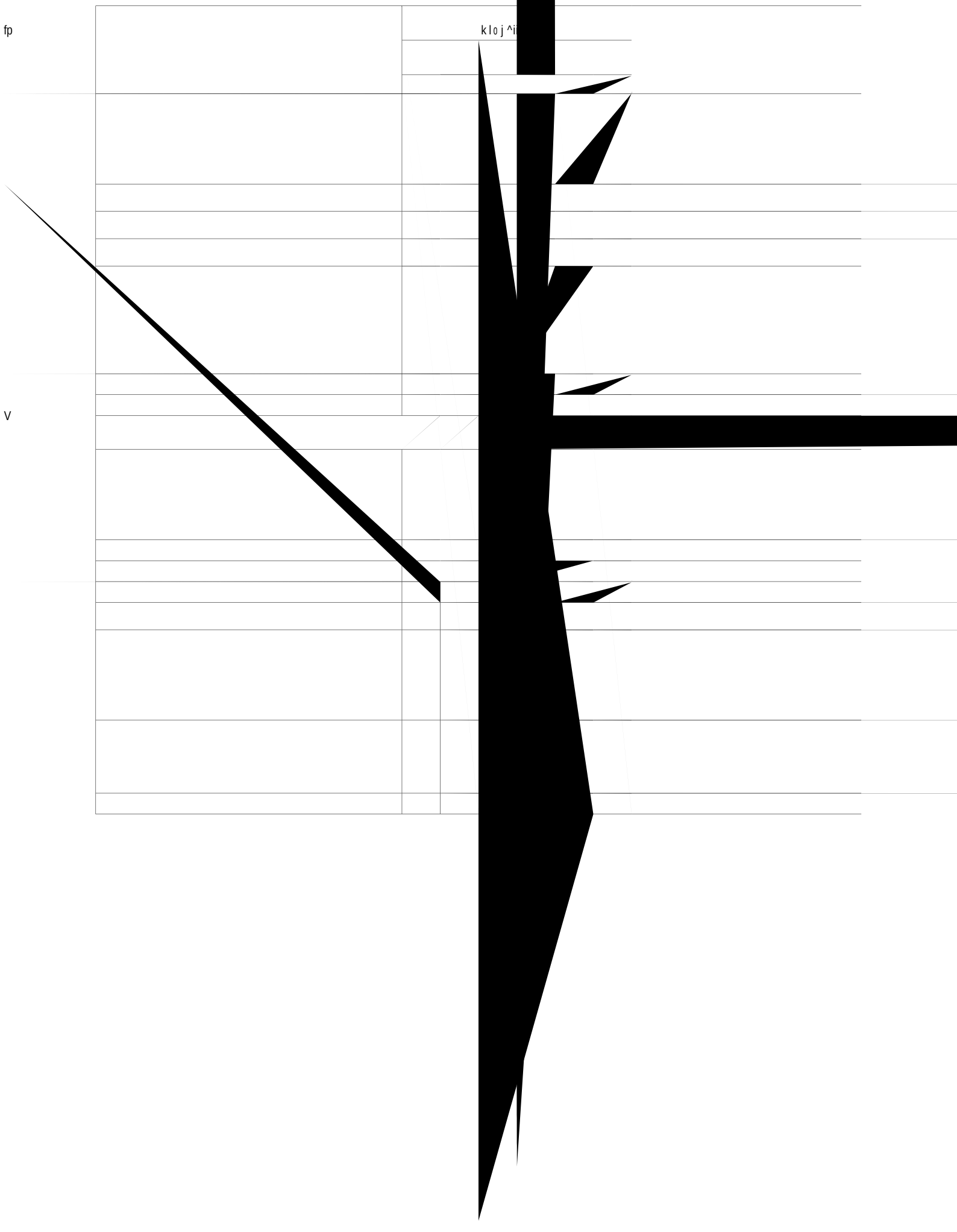
Recommended Enrolment Pattern - Applied Computer Science

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

Recommended Enrolment Pattern [redacted] Sy[redacted]

Students are able to enrol in any offered mod[redacted] car[redacted] program mode of study they enrolled in.

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