

Bachelor of Information Technology

CRICOS Course Code: 116514K | Duration: 153 weeks

NAPS BIT

The NAPS BIT [CRICOS Course Code: 116514K] is a three-year fulltime degree that allows student to major in any of the following areas:

- Cyber Security and Networking
- Software Development

The degree aims to equip students with the knowledge and skills required for careers in business organisations, government agencies and the not-for-profit sector in Information Technology. The course uses strategies that enable students to develop problem-solving and decision-making skills relevant and indeed vital in the business environment IT professionals. On completion, graduates may develop careers in the private and public sectors, as Cybersecurity architects or consultants, Network Administrators, or Software Development Specialists.

Information Technology (IT) is a rapidly growing field that offers secure positions for individuals with a minimum of a bachelor's degree in an IT-related field. BIT is consistently listed as one of the most popular degrees studied in Australia by both domestic students and international students

Networking, Cyber Security, and Software Development are central elements in information technology with significant growth potential in demand. NAPS' BIT offers an excellent choice for students wishing to pursue a career in IT.

IT professionals enjoy a continuously increasing demand for their services due to the ever increasing growth and advancements such as social networks and mobile applications and Artificial Intelligence. The NAPS BIT offers students an excellent opportunity to prepare for a secure future.

What do you get to Study? Your essential core units and many options for specialisation

The NAPS BIT comprises core units that ensure that students gain the essential foundations and skills to be IT professionals, and a good selection of specialised electives that enables students to graduate as specialists in their chosen areas. The core subjects also include 2 Capstone Projects that ensure that our students develop strong practical orientation through overarching projects work.



The course has the following core and elective units:

| Code | Unit Name and Group |
|--------------------------------------|--|
| Core Subjects Group A | |
| TRIMESTER 1 | |
| ITS100 | Introduction to Computer Systems |
| ITS102 | Programming Fundamentals |
| ITS103 | IT for Business Organisations |
| MGT101 | Principles of Business Communication |
| TRIMESTER 2 | |
| ITS104 | Database Fundamentals |
| ITS105 | Network Security |
| ITS106 | Webpage Design and Development |
| ITS107 | Computer Networking |
| TRIMESTER 3 | |
| ITS201 | System Analysis and Design (Programming Fundamentals) (Plus 3 IT specialist units) |
| TRIMESTER 4 | |
| ITS202 | IT Project & Quality Management (Plus 3 IT specialist units) |
| TRIMESTER 5 | |
| ITS301 | Capstone Project 1 (IT Project & Quality Management and Eight Core Units) |
| ITS309 | IT Law, Ethics, Society (Plus 1 or 2 elective options depending on the major) |
| TRIMESTER 6 | |
| ITS302 | Capstone Project 2 (Capstone Project 1) |
| ITS303 | User Experience-Human Machine Interactions (Eight Core Units) (Plus 2 Level 3 elective options) |
| ITS205 | Software Engineering (System Analysis and Design) |
| ITS206 | Software Construction and Design (Object-Oriented Design and Programming) |
| ITS207 | Developing Web Information Systems (Web Page Design and Development) |
| ITS304 | Agile Software Development Practices (Software Engineering) |
| Networking and Cyber Security | |
| ITS208 | Computer Security (Network Security) |
| ITS209 | Data Communication and Networking (Computer Networking) |
| ITS210 | Device Security (Network Security) |
| ITS211 | Computer Networks and Internets (Computer Networking) |
| ITS310 | Digital Forensics (Network Security) |
| ITS306 | Penetration Testing (Network Security and Computer Networking) |

To graduate, a student must successfully complete 24 subjects. The 24 subjects consist of the 18 core units in Group A, 4 major/specialist units chosen from Group B, and 2 general non-IT elective units chosen from Group C.

Sample/ Recommended Course Progression

| Trimester 1 | | Trimester 2 | |
|-------------------|---|-------------------|--|
| Code | Unit Name | Unit | Unit Name |
| ITS100 | Introduction to Computer Systems | ITS104 | Database Fundamentals |
| ITS102 | Programming Fundamentals | ITS105 | Network Security |
| ITS103 | IT for Business Organisations | ITS106 | Webpage Design and Development |
| MGT101 | Principles of Business Communication | ITS107 | Computer Networking |
| Trimester 3 | | Trimester 4 | |
| Unit | Unit Name | Unit | Unit Name |
| ITS201 | System Analysis and Design (Programming Fundamentals) | ITS202 | IT Project & Quality Management |
| ITS207 | Developing Web Information Systems (Webpage Design and Development) | ITS204 | Data Structures and Algorithms (ITS102 Programming Fundamentals) |
| ITS203 | Object-Oriented Design and Programming (Programming Fundamentals) | ITS205 | Software Engineering (ITS201 System Analysis and Design) |
| XXX | Elective I: Students select any Level 200 unit from the elective options below subject to prerequisites | ITS206 | Software Construction and Design (ITS203 Object-Oriented Design and Programming) |
| Trimester 5 | | Trimester 6 | |
| Unit | Unit Name | Unit | Unit Name |
| ITS301 | Artificial Intelligence (ITS102 Programming Fundamentals; ITS204 Data Structures and Algorithms) | ITS320 | Capstone Experience (Completion of at 140 credit points of study in the course including ITS202 IT Project and Quality Management) |
| ITS309 | IT Law, Ethics, Society | ITS303 | User Experience (Eight Core Units) |
| ITS304 | Agile Software Development Practices (ITS205 Software Engineering) | ITSXXX/ ACCXXX | Elective: Students select Any Level 300 unit from electives options below subject to prerequisites |
| ITSXXX/ ACCXXX | Elective: Students select any Level 300 unit from the elective options below subject to prerequisites | ITSXXX/ ACCXXX | Elective: Students select any Level 300 unit from the elective options below subject to prerequisites |

Group C Electives Options

Student can choose electives from IT and business areas and need to meet prerequisites.

| Code | Unit Name and Group |
|---|--|
| Electives from IT Discipline | |
| ITS208 | Computer Security (ITS105 Network Security) |
| ITS209 | Data Communication and Networking (ITS107 Computer Networking) |
| ITS210 | Device Security (ITS105 Network Security) |
| ITS211 | Computer Networks and Internets (ITS107 Computer Networking) |
| ITS216 | Database Design and Development (ITS104 Database Fundamentals) |
| ITS310 | Digital Forensics (ITS105 Network Security) |
| ITS306 | Penetration Testing (ITS105 Network Security and ITS107 Computer Networking) |
| ITS308 | Cloud Computing (ITS107 Computer Networking) |
| ITS327 | Enterprise Systems in Business (ITS107 Computer Networking) |
| ITS324 | Wireless and Mobile Networks (ITS107 Computer Networking) |
| Electives from Business Discipline | |
| ACC201 | Financial Accounting |
| ACC202 | Accounting Information Systems |
| FIN303 | Investment Analysis |
| MGT301 | Business Statistics |

A NAPS Bachelor of Information degree is a good investment in your future because skills shortages have been identified particularly in emerging markets in cyber security, networking and software development.

Careers for a bright future

These are exciting times for IT Professionals with increasing demand for IP specialists. A NAPS BIT prepares students for the increasingly expansive IT market environment. Careers opportunity for graduates include:

- Computer Programmer/ Software/ Application Developer
- User Experience Designer
- Computer Network Specialist.
- Computer Support Specialist.
- Database Administrator.
- Information Technology Analyst.
- Information Security Specialist.
- IT Coordinator
- Web Administrator



Admissions Requirements

All students must have been formally admitted to the Academy before commencing their degree program. Admission to the course is based upon the ATAR and NAPS' Admissions Policy. To be admitted to the degree program, a student must meet the following criteria:

Domestic Students: Current School Leavers

Minimum ATAR of 65 (or equivalent assessment in New Zealand or the Overall Position (OP) in Queensland) or a Higher School Certificate or overseas equivalent.

Non-Current School Leavers

- Completion of a AQF level 4 or equivalent course; or
- Previous admission to or the subsequent completion of at least one trimester of an AQF level 7 or equivalent course.

Students with Disabilities

The same conditions and procedures apply to the admissions of students with a disability as to all other students, however NAPS fosters an environment of inclusiveness so special measures are provided to support their learning when required and discussed as part of the admission process.

Mature Age Applicants

A student who does not meet the standard 'school leavers' criteria may apply for admission as a mature age applicant if they:

- are 21 years of age or older on 1st March of the year they intend to commence study;
- do not have the required ATAR for admission to the course
- do not have a record of tertiary study; and
 - have at least 3 years of ICT industry experience; or
 - have completed an approved preparation course of not less than 6 months duration; or
 - have completed a vocational training course and have been assessed by the Dean or nominee to be able to undertake tertiary studies.

Aboriginal and Torres Strait Islander students

NAPS is committed to equity of access, & supports alternative entry admission schemes particularly for Aboriginal & Torres Strait Island students who are encouraged to apply. The Academic Board may approve such admissions to:

- encourage and assist indigenous students to enrol into studies; or
- provide access to the educationally or socially disadvantaged; or
- address the under-representation of designated groups.

Articulation Arrangements and RPL

Students who have completed a diploma or advanced diploma or equivalent course in another approved institution may transfer into this degree. The amount of credit transfer or recognition of prior learning will be assessed for each individual student.

English Language Requirements

The medium of instruction in the Academy is English. All students are therefore required to demonstrate a minimum level of proficiency in the English language to qualify for admission.

The following criteria apply:

- Students from Australian local institutions must have completed a Higher School Certificate or equivalent from overseas.
- Mature students from English speaking countries must pass an English language proficiency interview conducted by the Dean or nominee.
- For students from non-English speaking countries who apply onshore or directly from their home countries, the condition of admission is an IELTS (Academic) test with a minimum score of 6.0 with no sub-band score less than 5.5 or equivalent in TOFEL or other accredited English language test program provided by an accredited supplier of such tests.
- Students who do not meet the minimum English Language requirement may be permitted to enrol after successful completion of an appropriate English for Academic Purposes program accredited by NEAS and approved by the Academy.

When an IELTS score or equivalent is used to demonstrate English proficiency, that score must have been attained within two years of the date of application for admission.

Fees and Charges

The tuition fee for the NAPS Bachelor of Information Technology is \$9,500 for each trimester. There are three trimesters per year, including the optional summer trimester.

An application/enrolment fee of \$250 applies to enrolment in all courses in NAPS. This fee is non-refundable. NAPS also charges students \$120 per trimester for subscription to ebooks and materials. Therefore, before a confirmation of enrolment can be issued, all students need to pay \$9,870 which is their enrolment plus their first trimester of tuition fees and ebook and software subscription charges.

All students at NAPS must pay their fees in advance on a trimester by trimester basis at least two weeks before the start of the trimester. Students will receive written notices of their next fee due date about four weeks before the completion of the existing trimester.

If the tuition fee is not paid on time, then a late payment fee may apply as follows:

- More than 7 days overdue \$200
- More than 14 days overdue \$400

Should an international student's fees be more than 14 days overdue, NAPS will inform the student that NAPS' needs to report them for non-payment of fees to The Department of Home Affairs.

The payment of all fees and charges is receipted and dated at the time of payment. It is secured for two years after the student ceases to be a student and is kept within the financial management system software for up to five years.

Students can see the details of their payments made and any amounts owing on the student portal.

Schedule of Non-tuition (Administration) Fees

| | | | |
|--|-------|--|-------|
| Application Fee (also known as Enrolment Fee) | \$250 | Refund processing fee | \$250 |
| Overdue tuition fee – 7 days | \$200 | Cancellation and Course variation fee | \$150 |
| Overdue tuition fee – 14 days | \$400 | Transfers processing fee | \$250 |
| Change of CoE details | \$100 | Assessment re-sit or re-assessment | \$150 |
| Re-enrolment fee | \$200 | Replacement qualification testamur | \$100 |
| Credit transfer fee per unit | \$50 | Re-issue of record results | \$50 |
| Deferral of initial enrolment | \$0 | Deferral of continuing enrolment | \$0 |
| Materials and ebook and software subscription per trimester | \$120 | | |

Note that the fees quoted are for the current calendar year only. NAPS reviews its fees every year calendar year. NAPS may apply the revised fees in subsequent calendar years. The increase in fees for each calendar year will be no more than 5%

NOW'S THE **TIME**
NAPS' THE PLACE.



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**NATIONAL
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PROFESSIONAL
STUDIES**

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