Learn how to protect the security of data and information and develop solutions for the management and protection against the threat of cybercrime.

Cybercrime is a growing threat to Australian business, consumers and government. Every day we rely on digital systems and networks to communicate, transact and to store sensitive data. This has created an unprecedented demand for professionals who can secure and monitor IT systems and protect personal and organisational privacy in cyberspace.

This three-year degree will prepare you for employment as a network security specialist in this fast-growing and dynamic industry. Developed in close consultation with industry, this degree has a strong applied focus, where you will learn through projects with the help of teachers who are industry leaders in the field.

The Bachelor of Information Technology (Network Security) has been accredited by the Australian Computer Society (ACS) and complies with the ACS standards for specialist IT degrees. The degree also prepares students to sit for recognised industry certifications (such as Cisco CCNA and CCNP).

On successful completion of this course you will be qualified to work in a range of network security, cyber security and data security management roles.

A Diploma of Information Technology is also available. The Diploma, which comprises all eight first year subjects, can be completed in one year full-time. Graduates of the Diploma will be able to apply for entry level IT positions. Alternatively, they can continue their studies with direct entry into second year of the Bachelor.

**BACHELOR OF INFORMATION TECHNOLOGY**

**NETWORK SECURITY**

**COURSE CODE:** HE20524

**DIPLOMA OF INFORMATION TECHNOLOGY**

**COURSE CODE:** HE20526

**TUITION FEES**

**Domestic students:**
- $1,280 per 10 credit point subject
- $10,249 indicative Diploma course fee
- $30,720 indicative full Bachelor course fee

**International students - Bachelor:**
- $2,480 per 10 credit point subject
- $59,520 indicative full Bachelor course fee

**International students - Diploma:**
- $2,875 per 10 credit point subject
- $23,000 indicative full Diploma course fee

Diploma students receive an additional 5 hours per week of tuition support

**COURSE REQUIREMENTS**

The Bachelor of Information Technology (Network Security) requires you to complete 24 subjects and a total of 240 credit points. A one year Diploma of Information Technology is also available, requiring the completion of 8 subjects and 80 credit points.
HOW IS THE COURSE STRUCTURED?

This structure is the typical study pattern for a full-time student. Availability of electives and the study pattern is determined by the location. All subjects are worth 10 credit points (CP); 240 credit points are required to complete this course. The Diploma of Information Technology requires the completion of all Year 1 subjects.

YEAR 1 - LEVEL 100: FOUNDATION SKILLS

**SEMESTER 1**
- ITICT102A: Introduction to Programming (10 CP)
- ITICT103A: Internetworking 1 (10 CP)
- ITICT108A: Introduction to Secure Computing (10 CP)
- ITPRD101A: Critical Thinking for the IT Professional (10 CP)

**SEMESTER 2**
- ITPRD102A: Communication for the IT Professional (10 CP)
- ITICT104A: Internetworking 2 (10 CP)
- ITICT107A: Introduction to Databases (10 CP)

YEAR 2 - LEVEL 200: DEVELOPMENT

**SEMESTER 1**
- ITICT201A: Advanced Internetworking 1 (10 CP)
- ITICT202A: Wireless Networks (10 CP)
- ITPRD205A: Project Management (10 CP)
- ITPRD202A: Professional Issues in IT (10 CP)
- Plus one level 200 elective

**SEMESTER 2**
- ITPRD203A: Advanced Internetworking 2 (10 CP)
- ITPRD202A: Enterprise Security (10 CP)
- ITPRD202A: Professional Issues in IT (10 CP)

YEAR 3 - LEVEL 300: SYNTHESIS

**SEMESTER 1**
- ITPRD301A: Mobile Computing and Security (10 CP)
- ITPRD302A: Advanced Network Security 1 (10 CP)
- ITPRD311A: Major Group Project (10 CP)
- Plus one level 300 elective

**SEMESTER 2**
- ITPRD302A: Secure Programming (10 CP)
- ITPRD304A: Advanced Network Security 2 (10 CP)
- ITPRD312A: Major Individual Project (10 CP)

ELECTIVE BANK
- ITICT204A: World Wide Web Programming (10 CP)
- ITICT205A: Virtualisation (10 CP)
- ITICT207A: Fundamentals of Computer Science (10 CP)
- ITPRD203A: Knowledge Management (10 CP)
- ITPRD204A: Future eTrends and Issues (10 CP)
- ITPRD301A: Internetworking Troubleshooting (10 CP)
- ITPRD302A: Secure Programming (10 CP)
- ITPRD303A: Distributed Computing (10 CP)
- ITPRD305A: Emerging Technologies Security (10 CP)
- ITPRD307A: National Data Infrastructure Security (10 CP)
- ITPRD308A: eCommerce and eGovernment Security (10 CP)
- ITPRD309A: Computer and Network Forensics (10 CP)
- ITPRD310A: Software defined and programmable networks (10 CP)

TERMS AND CONDITIONS

This document is intended as a general guide only. Information in this document is current as of April 2020. Prospective students should contact TAFE NSW for more information, and to confirm admission requirements and availability of courses. Note that tuition fees are reviewed annually and are subject to change. For current fee information, tafensw.edu.au/degrees/applying-and-fees/fees-and-payment

Fees payable by the students are the tuition fees valid for that semester, and not the tuition fees that were in place the first time the students enrolled. Additional fees may be payable for equipment and resources.

HOW DO I APPLY AND ENROL?

For information about applying and enrolling go to: tafensw.edu.au/degrees/bachelor-of-information-technology-network-security

WHAT IS FEE-HELP?

FEE-HELP is an Australian government student loan scheme. More information about FEE-HELP, including eligibility criteria, is available at: studyassist.gov.au/help-loans/fee-help

CAN I BE RECOGNISED FOR PREVIOUS STUDY AND EXPERIENCE?

If you've completed studies in a related field, or have extensive, relevant industry experience, you may be eligible for exemption from some subjects. All applications for exemption must be made to the course coordinator and include supporting documents. You should attend classes until you are formally advised that your application for exemption has been granted.

CAN I ENROL IF I AM AN INTERNATIONAL STUDENT?

International students can enrol in most TAFE NSW degree courses, subject to meeting course entry requirements and satisfying student visa conditions. More information for international students is available at: tafensw.edu.au/international/study/courses/degrees