

# Honours Bachelor of Applied Information Sciences (Information Systems Security)

The explosion of Internet traffic has created enormous demand for information systems security professionals.

94%

**Employer Satisfaction\***  
with the knowledge and skills that our graduates possess.

**Honours Baccalaureate Degree**

**Program Code: PBAIS**

Full-time | Trafalgar Road Campus | 4 yrs (8 semesters)



**Gain real-world information systems security experience.**

## Get a head start on your career

Sheridan's Honours Bachelor of Applied Information Sciences (Information Systems Security) program provides outstanding preparation for a rewarding career in this rapidly growing field. Our one-of-a-kind degree program has a stellar reputation among employers. With a Sheridan Information Systems Security degree, you'll be prepared to join this exciting profession – and to get ahead in it.

## Gain practical experience

This degree program includes an internship (up to 28 weeks long) in the form of a field placement in a real-world workplace.

## A curriculum for the real world

You'll advance from fundamental computer science principles to more specialized courses covering all aspects of information systems security, including:

- Computer security
- IS Intrusion detection and prevention
- Network security
- Ethical hacking
- Database security

## Admission Requirements

### Program Eligibility

Ontario Secondary School Diploma or equivalent, including these required courses:

- English, Grade 12 (ENG4U)

plus

- Any Grade 12 science (U or M) or Grade 12 Computer Science (U) or Grade 12 Computer Engineering Technology (U or M)
- Any Grade 12 mathematics (U)
- Three other Grade 12 credits (U or M)
- Minimum 65% overall average

or

- Two semesters of postsecondary education including required courses with a minimum 65% overall average

### Applicant Selection

- Eligible applicants will be selected on the basis of their previous academic achievement (the average of their six highest senior-level credits, including required courses).
- Applicants who do not meet the admission requirements for this program will be assessed and advised individually and may be considered for other, related programs.

### English Language Proficiency

All applicants whose first language is not English must meet Sheridan's English Proficiency Requirements.

### Sheridan Degree Entrance Scholarship

Sheridan is pleased to provide an Entrance Scholarship in the amount of \$1,000 to select applicants in this degree program. View Sheridan Degree Entrance Scholarship details for eligibility criteria and more.

### Ministry Consent

Sheridan has been granted a consent by the Ministry of Training, Colleges and Universities to offer this degree for a further seven-year term starting June 27, 2014 and subject to renewal thereafter. Application to the Ministry for renewal of the consent is a prescribed and cyclical requirement for degree programs at all Ontario Colleges. Sheridan will ensure that all students admitted to the Honours Bachelor of Applied Information Sciences (Information Systems Security) program during the period of consent will have the opportunity to complete the program within a reasonable time frame. Credentials earned during the period of consent remain valid, even if Ministry consent to offer the program is withdrawn in the future. Prospective students are responsible for satisfying themselves that the program and the degree will be appropriate to their needs (e.g. acceptable to potential employers, professional licensing bodies or other educational institutions). Refer to the website for full admission requirements.

## Career Opportunities

Demand for professionals who hold an information systems security degree has more than doubled since 2000.

### RECENT GRADUATES HAVE MOVED INTO THE FOLLOWING CAREERS:

Cyber Security Consultant

Digital Forensics and E-discovery Professional

Identity Management Expert

Information Technology Risk Analyst

IS Security Analyst

IS Security Consultant

IS Security Vulnerability Researcher

Network Security Engineer

## Courses

### SOME OF THE COURSES YOU CAN EXPECT TO TAKE IN YOUR PROGRAM

Database Security

Ethical Hacking

Introduction to Cryptology

IS Forensics and Investigation

IS Intrusion Detection and Prevention

Malicious Code: Design and Defence

Note: See website for specific terms and course listings.

## More information



**Website:**  
[sheridancollege.ca](http://sheridancollege.ca)



**Facebook:**  
[facebook.com/sheridaninstitute](https://facebook.com/sheridaninstitute)



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There's no better way to get a sense of Sheridan than with a personal visit. Book a tour and see for yourself!



[tours.sheridancollege.ca](http://tours.sheridancollege.ca)