Bachelor of Science in Information Technology

Launch your career in the fast-paced world of information technology with the **Bachelor of Science in Information Technology (BSIT)** at FDU Vancouver. This interdisciplinary IT degree program blends hands-on technical training with critical business skills, preparing students for high-demand roles such as IT analyst, systems administrator, cybersecurity specialist, and software developer.

Located in Vancouver, one of Canada's leading technology and innovation hubs, FDU Vancouver provides access to industry networks, internships, and real-world projects. BSIT graduates are equipped to thrive in today's digital economy enabling students to gain valuable work experience after graduation.

CAREER OUTCOMES

The program's blend of technical expertise and business knowledge equips students to excel in diverse environments, from startups to multinational corporations. Graduates of the BSIT program are well-prepared for a variety of roles in the technology sector, including:

- IT Support Specialist
- Network and Systems Administrator
- Cybersecurity Analyst
- Database Administrator
- Web and Digital Developer
- Systems Analyst
- IT Project Manager

PROGRAM OVERVIEW

TOTAL CREDITS

- 122 credits

PROGRAM DURATION

- 4 years (average full-time completion)

DELIVERY MODE

- In-person (Vancouver)

EXPERIENTIAL LEARNING

- Internship program available

POST-GRADUATION WORK PERMIT

- Eligible

PROGRAM INTAKES

FALL September	WINTER January	SUMMER May

Find out more about the **Bachelor of Science in Information Technology** at

fdu.edu/vancouver-bsit

- **Dual Credential:** Earn a major in Information Technology and a minor in Business Administration, providing a competitive edge in the job market.
- **Comprehensive Curriculum:** Courses span computer hardware, software programming, web design, database design, networking analysis, digital design, and cybersecurity.

- **Industry Certifications:** Courses include content aligned with CompTIA A+, Network+, and Security+ certifications, enhancing employability.
- **Career Services Support:** FDU's Career Services offers workshops, job fairs, and personalized advising to assist students in career planning and job placement.

- **Accelerated Educational Advancement:** BSIT students have the opportunity to transition into the **Master of Science in Applied Computer Science** program by substituting three undergraduate courses with graduate-level equivalents (two core and one elective*), allowing students to earn both a bachelor's and a master's degree in less than six years.

DEGREE PLAN

YEAR 1

- UNIV 1001 – Transitioning to University Life
- WRIT 1002 – Comp I: Rhetoric and Inquiry
- WRIT 1003 – Comp II: Research and Argument
- INFO 1101 – Computer Concepts & Technology
- ENVR 1101 – Physical Geology (Lec)
- ENVR 1102 – Physical Geology (Lab)
- BIOL 1105 – The Human Environment (Lec)
- BIOL 1115 – The Human Environment (Lab)
- MATH 2337 – Applied Statistics
- MATH 2255 – Discrete Structures
- EGTG 2201 – Applied Calculus
- CGD 1177 – Introduction to Digital Media
- General Science Lec (3 credits) *or* PHYS 2101 – General Physics 1 (Lec)◊
- General Science Lab (1 credit) *or* PHYS 2201 – General Physics 1 (Lab)◊

YEAR 2

- UNIV 2001 – Cross Cultural Perspectives
- UNIV 2002 – Global Issues
- EGTG 2210 – Technical Communication
- INFO 2101 – Computer Programming I for IT
- INFO 2102 – Computer Programming II for IT
- INFO 2105 – Internet & Web Applications
- INFO 2106 – Web Site Design & Management
- ENGR 2286 – Digital System Design
- General Course (3 credit) *or* MGMT 2600 – Organizational Behavior◊

YEAR 3

- INFO 3201 – Human Computer Interface
- INFO 3205 – Digital Media Publishing
- CSCI 3268 – Database Systems*
- CSCI 2234 – Data Structures and Algorithms
- CSCI 3274 – Linux System Administration
- ENGR 4210 – Management & Engineering Economics
- 2 General Courses (6 credits) *or*
  - ACCT 2021 – Introduction to Financial Accounting ◊
  - ECON 2001 – Introduction to Microeconomics ◊
- 2 General Courses (6 credits) *or*
  - FIN 3250 – Principles of Financial Analysis◊
  - MKTG 2120 – Principles of Marketing◊

YEAR 4

- INFO 4101 – Data Communication & Computer Networks I
- INFO 4102 – Data Communication & Computer Networks II
- INFO 4201 – Info Tech Needs & Assessment Management
- INFO 4205 – IT Capstone Project
- INFO 4278 – Operating Systems*
- INFO 4410 – Foundations of Cybersecurity
- INFO 4497 – Internship in Information Technology
- INFO 4844 – Programming for the Internet*
- ENGR 3000 – Modern Tech: Principle, Application & Impact
- General Course (3 credits) *or* LAW 2276 – Business and the Law◊

◊ marked courses are required for Minor in Business Administration
* marked courses are graduate-level equivalents required for Accelerated Educational Advancement