FDU Vancouver



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 Oakridge Park, one of Canada's leading technology, international 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:

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

PROGRAM OVERVIEW

TOTAL CREDITS

- 122 credits

PROGRAM DURATION

- 4 years (average full-time completion)

DELIVERY MODE

- In-person (Vancouver)

EXPERIENTIAL LEARNING

- Internship Program available
- Capstone Project available

POST-GRADUATION WORK PERMIT

- Eligible

PROGRAM INTAKES

FALL	WINTER	SUMMER
September	January	May

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

fdu.edu/vancouver-bsit

PROGRAM HIGHLIGHTS

- **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.

DEGREE PLAN

YEAR 1, TERM 1

- BIOL 1105 – The Human Environment (Lec)
- BIOL 1115 – The Human Environment (Lab)
- ENVR 1101 – Physical Geology (Lec)
- ENVR 1102 – Physical Geology (Lab)
- INFO 1101 – Computer Concepts & Technology
- MATH 2337 – Applied Statistics
- UNIV 1001 – Transitioning to University Life
- WRIT 1002 – Comp I: Rhetoric and Inquiry

YEAR 1, TERM 2

- CGD 1177 – Introduction to Digital Media
- EGTG 2201 – Applied Calculus
- MATH 2255 – Discrete Structures
- PHYS 2101 – General Physics 1 (Lec)
- PHYS 2201 – General Physics 1 (Lab)
- UNIV 1002 – Preparing for Professional Life
- WRIT 1003 – Comp II: Research and Argument

YEAR 2, TERM 1

- ENGR 2286 – Digital System Design
- INFO 2101 – Computer Programming I for IT
- INFO 2105 – Internet & Web Applications

General Degree	*Minor in Business Administration*
• *2 X General 2XXX Level Courses (3 credits each)*	• ACCT 2021 – Introduction to Financial Accounting • ECON 2001 – Introduction to Microeconomics

YEAR 2, TERM 2

- EGTG 2210 – Technical Communication
- INFO 2102 – Computer Programming II for IT
- INFO 2106 – Web Site Design & Management
- UNIV 2001 – Cross Cultural Perspectives

General Degree	*Minor in Business Administration*
• *1 X General 2XXX Level Course (3 credits)*	• LAW 2276 – Business and the Law

YEAR 3, TERM 1

- CSCI 2234 – Data Structures and Algorithms
- CSCI 3268 – Database Systems
- INFO 3205 – Digital Media Publishing
- UNIV 2002 – Global Issues

General Degree	*Minor in Business Administration*
• *1 X General Course (3 credits)*	• MGMT 2600 – Organizational Behavior

YEAR 3, TERM 2

- CSCI 3274 – Linux System Administration
- ENGR 4210 – Management & Engineering Economics
- INFO 3201 – Human Computer Interface

General Degree	*Minor in Business Administration*
• *2 X General Courses (3 credits each)*	• FIN 3250 – Principles of Financial Analysis • MKTG 2120 – Principles of Marketing

YEAR 4, TERM 1

- ENGR 3000 – Modern Tech: Principle, Application & Impact
- INFO 4101 – Data Communication & Computer Networks I
- INFO 4201 – Info Tech Needs & Assessment Management
- INFO 4844 – Programming for the Internet

YEAR 4, TERM 2

- INFO 4102 – Data Communication & Computer Networks II
- INFO 4205 – IT Capstone Project
- INFO 4278 – Operating Systems
- INFO 4410 – Foundations of Cybersecurity
- INFO 4497 – Internship in Information Technology

While this provides a recommended sequence of courses designed to ensure a logical progression through required course prerequisites, students should note that the actual order of courses may vary depending on their start term, schedule and completion of pre-requisite courses.

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FDU Vancouver

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