

Faculty of Sciences and Engineering (FSE)

Bachelor of Science In Fintech (B.Sc. in Fintech)

I. Why Choose this Program?

In this digital world, Finance plus Technology is an exciting and rapidly growing field that allow students to shape the future of financial services. With this major student gain valuable knowledge in digital banking, data analytics, financial management, online payments, etc. For those who are interested in both business and technology, FinTech offers a dynamic and rewarding pathway to a successful future career.

II. Future Career Prospects

Graduates from this program will be able to pursue careers such as:

- Develop digital financial product
- Build payment system
- Create digital wallets and APIs
- Improve financial process
- Design banking apps
- Digital innovator
- FinTech Consultant

III. Course Structure

The four-year program consists of **120 credits** and is structured to provide students with a comprehensive academic foundation through a well-balanced curriculum of foundation, functional, pre-major, and major courses.

To fulfill the graduation requirements, students must successfully complete the following coursework:

YEAR 1		
Course Title	Credits	Priority
English I: Reading and Composition + Lab	4	Required
Gender Studies	3	Required
Khmer Studies	3	Required

Digital Literacy + Lab	4	Required
English II: Reading and Composition + Lab	4	Required
History of Cambodia	4	Required
Environmental Science	3	Required
Introduction to Political Science	3	Required
YEAR 2		
Course Title	Credits	Priority
Personal Growth and Development	4	Required
Introduction to Technology and Innovation	3	Required
Computer Programming I	3	Required
Multimedia and Web Design	3	Required
Database Design	3	Required
Computer Programming II	4	Required
Business Law	3	Required
Linear Algebra	4	Required
Logic and Critical Thinking	3	Required
YEAR 3		
Course Title	Credits	Priority
Web Application Development	3	Required
Database Management System	3	Required
Statistics for Science	3	Required
Financial Accounting II	3	Required
Data Communication and Networking	3	Required
Introduction to IoT	3	Required
Financial Management I	3	Required
Introduction to Ethics	3	Required
Cloud Computing	3	Required
Fiscal Legislation & Taxation	3	Required

YEAR 4		
Course Title	Credits	Priority
Research Methodology	3	Required
Financial Management II	3	Required
Risk Management & Insurance	3	Required
UI/UX Design	3	Required
Mobile Application Development	3	Required
Financial Data Analytics	4	Required
Business Decision Analysis	3	Required
AI and Machine Learning	3	<i>Elective</i>
Digital Product Innovation & Entrepreneurship	3	<i>Elective</i>
Software Engineering	3	<i>Elective</i>
Blockchain and Distributed Ledger	3	<i>Elective</i>
Big Data Technologies	3	<i>Elective</i>
Computer Vision	3	<i>Elective</i>
Data Analysis and Visualization	3	<i>Elective</i>

Note: Students need to choose **ONE elective course.*

GRADUATION PATH		
Option I: Senior Project	6	Required
Option II: Internship	6	Required
Option III: Exit Exam	6	Required

Note: Graduation Path: Students choose only **ONE option.*