

# TEACHING PLAN FOR SOFTWARE ENGINEERING PROGRAM UNDERGRADUATE LEVEL – 2024



First year		Second year		Third year		Fourth year	
Semester 1A	Semester 2A	Semester 1A	Semester 2A	Semester 1A	Semester 2A	Semester 1A	Semester 2A
Introduction to Programming ITE1203 (3cr)	Data Structures and Algorithms ITE1206 (3cr)	Advanced Mathematics MAT1103 (3cr)	Project Design 2 SKI1108 (3cr)	Software Engineering Internship SWE1321 (1cr)	Software Engineering Project SWE1422 (2cr)	(E) Application Development Tools SWE1210E (3cr)	Elective Course 3 (3cr)
English 1 ENG3101 (4cr)	Project Design 1 SKI1107 (3cr)	Discrete Structures SWE1101 (3cr)	Data Management SWE1202 (3cr)	(E) Computer Networks and Information Security SWE1204E (3cr)	Elective Course 1 (3cr)	Elective Course 2 (3cr)	(E) Software Testing Project Management SWE1114E (3cr)
English 2 ENG3102 (4cr)	English 3 ENG3103 (4cr)	English 5 ENG3105 (4cr)	Physical Education 2 (1cr)	(E) Application Programming SWE1205E (3cr)	(E) Full-Stack Application Development SWE1209E (3cr)	(E) Software Quality Assurance SWE1111E (3cr)	(E) Development and Operations of Information Technology Systems SWE1219E (3cr)
Introduction to Computer Basics ITE1201 (3cr)	English 4 ENG3104 (4cr)	English 6 ENG3106 (4cr)	(E) Introduction to Software Engineering SWE1206E (3cr)	Marxist-Leninist Philosophy POL1111 (3cr)	Scientific Socialism POL1113 (2cr)	(E) Cross-platform Application Development SWE1216E (3cr)	Graduation Internship SWE1323 (3cr)
Programming Techniques ITE1205 (3cr)	Introduction to Law LAW1101 (3cr)	Probability and Statistics STA1101 (3cr)	Military Education MIL1203	Marxist-Leninist Political Economics POL1112 (2cr)	History of the Communist Party of Vietnam POL1115 (2cr)	(E) Software Testing SWE1212E (3cr)	Graduation Project / Thesis SWE1424/5 (6cr)
	Introduction to Artificial Intelligence ITE1218 (3cr)	Introduction to Statistics STA1101 (3cr)		(E) Software Analysis and Design SWE1107E (3cr)	Ho Chi Minh Ideology POL1114 (2cr)	(E) Automated Testing Tools and Techniques SWE1213E (3cr)	(E) Games Development ITE1279E (3cr)
	Physical Education 1 (1cr)	Introduction to Artificial Intelligence ITE1218 (3cr)		(E) Front-End Programming SWTE1208E (3cr)	(E) Java Technology ITE1219E (3cr)	Software Testing Specialization Project SWE1415 (3cr)	(E) Advanced Web Application Development SWE1218E (3cr)
		Physical Education 3 (1cr)				Application Development Specialization Project SWE1420 (3cr)	Application Development Specialization Project SWE1420 (3cr)

**Notations Used**

Course name  
Course ID (Credit)      Course information

(E)      English-taught course

- List of elective courses**
- Global Citizenship
  - Japanese Concepts to Win Friends and Influence People
  - Country Studies of Japan
  - Country Studies of China
  - World Economics Geography
  - Cross-cultural Communication
  - Mental Health Education
  - Entrepreneurship
  - Commercial Law
  - International Law
  - The Basic of Arts
  - Arts of Leadership
  - Professional Personal Branding
  - Diplomatic Protocol
  - Introduction to Digital Transformation
  - Global Issues
  - Enterprises Law
  - Applied Data Analytics
  - Personal Financial Management
  - Global Strategic Management
  - Communication Psychology
  - Creative Presentation
  - Aesthetic Thinking
  - Diplomatic Reception and Table Art
  - Korean Traditional Culture
  - Human Civilization
  - Cultures of Southeast Asia Countries
- \* Physical Education module: choose 1 out of 5 subjects: Aerobics, Boxing, Vovinam, Dancesport, Bodybuilding