

# TEACHING PLAN FOR INFORMATION TECHNOLOGY PROGRAM UNDERGRADUATE LEVEL - 2022

Broad foundational knowledge	Other general education knowledge	Basic and foundational disciplinary knowledge	Core disciplinary knowledge	Advanced disciplinary knowledge, methods, and tools	Related, cross-disciplinary and elective knowledge
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First year		Second year		Third year		Fourth year	
Semester 1A	Semester 2A	Semester 1A	Semester 2A	Semester 1A	Semester 2A	Semester 1A	Semester 2A
<p>Notations Used</p> <div style="border: 1px solid black; padding: 2px; display: inline-block;">                     Course name                      Course ID (Credit)                      (E)                 </div> <p>Course information</p> <p>English-taught course</p>							
			Project Design 2 SKI1108 (3cr)		Analytics and Design of Information Systems ITE1214 (3cr)		(E) Software Quality Verification - ITE1231E (3cr) <i>Software Technology</i>
		Advanced Mathematics MAT1103 (3cr)	Probability and Statistics STA1101 (3cr)	Introduction to Artificial Intelligence ITE1218 (3cr)	(E) Software Technology ITE1125E (3cr)	Elective Course 2 (3cr)	(E) Management Information Systems ITE1129E (3cr) <i>Information System</i>
Introduction to Programming ITE1203 (3cr)	Project Design 1 SKI1107 (3cr)	Graph Theory ITE1209 (3cr)	(E) Operating Systems ITE1115E (3cr)	Introduction to Databases ITE1207 (3cr)	Ho Chi Minh Ideology POL1114 (2cr)	(E) Web Application Development ITE1265E (3cr)	(E) Computer Network Programming ITE1255E (3cr) <i>Computer Networking</i>
English 1 ENG2101 (4cr)	English 3 ENG2103 (4cr)	English 5 ENG2105 (4cr)	Physical Education2 (1cr)	Marxist-Leninist Philosophy POL1111 (3cr)	Scientific Socialism POL1113 (2cr)	(E) Data Mining and Applications ITE1176E (3cr) <i>Introduction to Artificial Intelligence</i>	(E) Information Security Analytics and Evaluation ITE1239E (3cr) <i>Cyber Security</i>
						(E) Mobile Device Programming ITE1221E (3cr)	
						Graduation Internship ITE1360 (3cr)	Graduation Project / Thesis ITE1446/7 (6cr)
Semester 1B	Semester 2B	Semester 1B	Semester 2B	Semester 1B	Semester 2B	Semester 1B	Semester 2B
English 2 ENG2102 (4cr)	English 4 ENG2104 (4cr)	English 6 ENG2106 (4cr)	English 7 ENG2107 (4cr)	Marxist-Leninist Political Economics POL1112 (2cr)	History of the Communist Party of Vietnam POL1115 (2cr)	(E) Software Project Management ITE1140E (3cr) <i>Công Nghệ Thông Tin</i>	(E) Computer Networks Design ITE1267E (3cr)
Introduction to Computer Basics ITE1201 (3cr)	Introduction to Law LAW1101 (3cr)	Physical Education 1 (1cr)	(E) Computer Networking ITE1210E (3cr)	(E) Desktop Application Development ITE1264E (3cr)	(E) Java Technology ITE1219E (3cr)	(E) Application Development of Advanced Web ITE1278E (3cr)	(E) Advanced Computer Networking ITE1235E (3cr)
Programming Techniques ITE1205 (3cr)	Data Structures and Algorithms ITE1206 (3cr)	Object-oriented Programming ITE1208 (3cr)	Physical Education 3 (1cr)	(E) Information Security ITE1257E (3cr)	Elective Course 1 (3cr)	(E) Games Development ITE1279E (3cr)	(E) Network Administrator ITE1241E (3cr)
			Military Education MIL1203 (8tc)			(E) Distributed Databases ITE1280E (3cr) <i>Information System</i>	(E) Computer Network Security ITE1223E (3cr)
						(E) Advanced Databases ITE1224E (3cr)	(E) Information Security for Web Applications ITE1268E (3cr)
						(E) Oracle ITE1237E (3cr)	(E) Digital Forensics ITE1258E (3cr)
						(E) Machine Learning ITE1173E (3cr)	(E) Computer Vision ITE1181E (3cr) <i>Introduction to Artificial Intelligence</i>
						(E) Application Development of Artificial Intelligence-ITE1174E (3cr)	
<p>* Physical Education module: choose 1 out of 4 subjects: Aerobics, Boxing, Vovinam, Bodybuilding</p>		<p>List of elective courses</p> <p>Country Studies of Japan Country Studies of China World Economics Geography Cross-cultural Communication The Basic of Arts</p>		<p>Communication Psychology Creative Presentation Professional Personal Branding Korean Traditional Culture Human Civilization</p>		<p>Cultures of Southeast Asia Countries</p>	