

No	Subject code	Subjects	Credits	Credit hours			Pre-requisite (s) subject code
				Theory	Practice	Self-study	
<b>I</b>	<b>General knowledge module</b> <i>(Subject 8-9 are not included)</i>		<b>21</b>				
1.	PHI1006	<i>Marxist-Leninist Philosophy</i>	3	30	15		
2.	PEC1008	<i>Marxist-Leninist Political Economy</i>	2	20	10		PHI1006
3.	PHI1002	<i>Scientific Socialism</i>	2	30	0		
4.	HIS1001	<i>Revolutionary Guidelines of Vietnam Communist Party</i>	2	20	10		
5.	POL1001	<i>Ho Chi Minh's Ideology</i>	2	20	10		
6.	FLF1107	<i>English B1</i>	5	20	35	20	
7.	FLF1108	<i>English B2</i>	5	20	35	20	
8.		<i>Physical Education</i>	4				
9.		<i>National Defence Education</i>	8				
<b>II</b>	<b>Field-Based Knowledge</b>		<b>23</b>				
10.	INS3107	<i>Programming Techniques</i>	3	27	18		
11.	INS1058	<i>Applied informatics</i>	3	27	18		
12.	MAT1092	<i>Advanced Mathematics</i>	4	45	15		
13.	MAT1004	<i>Theory of Probability and Mathematical Statistics</i>	3	27	18		
14.	THL1057	<i>Introduction to Law</i>	2	24	6		
15.	INS2059	<i>Leadership and Team Building</i>	2	24	6		

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16.	INS1062	<i>Personal Development and Career Management</i>	3	36	9		
17.	INS1061	<i>Introduction to Economics</i>	3	36	9		
<b>III</b>	<b>Area-Based Knowledge</b>		<b>31</b>				
18.	INS1064	<i>Introduction to FinTech and Digital Business</i>	2	15	15		
19.	INS2019	<i>Business Organization and Management</i>	3	36	9		INS1061
20.	INS3049	<i>Econometrics</i>	4	27	18		MAT1004
21.	INS2015	<i>Fundamentals of Finance</i>	3	36	9		INS1061
22.	INS2009	<i>Principles of Accounting</i>	4	45	15		INS2015
23.	INS2080	<i>Databases</i>	3	27	18		INS1058
24.	INS2093	<i>Web Design and Development</i>	3	27	18		
25.	INS3009	<i>Entrepreneurship</i>	3	36	9		INS2019
26.	INS2086	<i>Project I</i>	3	0	45		
27.	INS4031	<i>Internship</i>	3	0	45		
<b>IV</b>	<b>Discipline-Based Knowledge</b>		<b>23</b>				
<b>IV.1</b>	<b>Compulsory subjects</b>		<b>18</b>				
28.	INS3047	<i>Python programming</i>	3	27	18		

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29.	INS3050	<i>Data Structures and Algorithms</i>	3	27	18		INS3107
30.	INS2051	<i>Quantitative Methods for Management</i>	3	27	18		MAT1004
31.	INS3028	<i>Risk Management and Insurance</i>	3	36	9		INS2015
32.	INE3060	<i>E-Commerce</i>	3		18		INS2019
33.	INS3100	<i>Project II</i>	3	0	45		
<b>IV.2</b>	<b><i>Elective subjects</i></b>		<b>5/15</b>				
34.	INS2058	<i>Intellectual Property Rights</i>	3	27	18		THL1057
35.	INS2060	<i>IT and Business Innovation</i>	3	27	18		INS2019
36.	INS2023	<i>Operations Management</i>	3	36	9		INS2019
37.	INS3173	<i>Marketing and Media</i>	2	15	15		
38.	INS3139	<i>Digital Skills and Innovation</i>	2	15	15		
39.	INS3209	<i>Customer Relationship Management</i>	2	15	15		
<b>V</b>	<b>Specialized Knowledge</b>		<b>47</b>				
<b>V.1</b>	<b><i>Compulsory subjects</i></b>		<b>12</b>				
40.	INS3007	<i>Corporate Finance</i>	3	30	15		INS2015

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				Theory	Practice	Self-study	
41.	INS3046	<i>Machine learning</i>	3	27	18		MAT1004
42.	INS2061	<i>Data Mining &amp; Business Analytics</i>	3	27	18		MAT1004 , INS2080
43.	INS3062	<i>Principles of Information Security</i>	3	27	18		INS2037
<b>V.2</b>	<b><i>Elective subjects (choose one of two directions)</i></b>		<b>25/50</b>				
<b>V.2.1</b>	<b>Financial technology</b>		<b>25</b>				
44.	INS3085	<i>Financial Computing for Actuaries</i>	3	30	15		INS2051
45.	INS3032	<i>International Finance</i>	3	36	9		INS2015
46.	FIB3005	<i>Investment and Portfolio Management</i>	3	30	15		INS2015
47.	INS3080	Artificial Intelligence	3	30	15		INS1058
48.	INS3212	<i>Blockchain and Cryptocurrency</i>	4	42	18		INS3047
49.	INS3068	<i>E-Payment Processes &amp; Technology</i>	3	27	18		INE3060
50.	INS3233	<i>Information Systems for Banks</i>	3	27	18		INS2019
51.	INS3234	<i>Projects in FinTech</i>	3	0	45		
<b>V.1.2</b>	<b>Digital business</b>		<b>25</b>				
52.	INS3063	<i>Enterprise Analytics for Decision Support</i>	3	27	18		MAT1004
53.	INS2003	<i>Principles of Marketing</i>	3	36	9		

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				Theory	Practice	Self-study	
54.	INS3021	<i>Global Supply Chain Management</i>	3	36	9		INS2019
55.	INS3235	<i>Digital Marketing</i>	4	36	24		
56.	INS3086	<i>marketing Data and Analysis for Marketing Decisions</i>	3	27	18		INS2003, INS2061
57.	INS3088	<i>Experiments for Business Decision Making</i>	3	36	9		
58.	INS2037	<i>Business Information Systems and Processes</i>	3	27	18		INS1058
59.	INS3236	<i>Projects in Digital Business</i>	3	0	45		
<b>V.4</b>	<b><i>Internship and Graduation/ Alternative subjects for Dissertation</i></b>		<b>10</b>				
<b>V.4.1</b>	<b><i>Internship</i></b>		<b>5</b>				
60.	INS4001	<i>Internship</i>	5	0	60		
<b>V.4.2</b>	<b><i>Graduation/ Alternative subjects for Dissertation</i></b>		<b>5</b>				
61.	INS4011	<i>Graduation Thesis</i>	5	0	75		
	<b>Total</b>		<b>145</b>	<b><i>Awarded a Bachelor's Degree</i></b>			
<b>VI</b>	<b><i>Block of knowledge for students who want to get a master's degree</i></b>		<b>35</b>				
<b>VI.1</b>	<b>General knowledge module</b>		<b>3</b>				
62.	PHI5001	<i>Philosophy</i>	3	30	15		
<b>VI.2</b>	<b>Basic and specialized knowledge</b>		<b>15</b>				

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<b>VI.2.1 Compulsory subjects</b>			<b>9</b>				
63.	INS7025	<i>Big Data Analytics</i>	3	27	18		
64.	INS7040	<i>Optimization in Finance</i>	3	27	18		
65.	INS7048	<i>Management for Digital Content Industries</i>	3	30	15		
<b>VI.2.2 Elective subjects</b>			<b>6/18</b>				
66.	INS7041	<i>Stastical Model for Data Analytics in Finance</i>	3	27	18		
67.	INS7042	<i>Text Analytics and NLP in Finance</i>	3	27	18		
68.	INS7044	<i>Contemporary Issues in Fintech</i>	3	0	45		
69.	INS7045	<i>E-Business</i>	3	30	15		
70.	INS7049	<i>Social Media, Marketing and Platforms</i>	3	30	15		
71.	INS7050	<i>Contemporary issues in Digital Business</i>	3	0	45		
<b>VI.3</b>	<b><i>Internship and MSc Graduation Thesis</i></b>		<b>17</b>				
72.	INS7051	<i>MSc Internship</i>	5	0	75		
73.	INS7204	<i>MSc Graduation Thesis</i>	12	0	180		
<b>Total</b>			<b>180</b>	<b>Awarded a Master's Degree</b>			