

# Management Informatics

VIET NAM NATIONAL UNIVERSITY - HO CHI MINH CITY

UNIVERSITY OF ECONOMICS AND LAW

FACULTY OF MANAGEMENT INFORMATICS

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## MANAGEMENT INFORMATICS

NO.	DESCRIPTION	Credits		Total	Remarks
		Compulsory	Optional		
1	General knowledge				
2	Basic knowledge				
3	Major knowledge				
4	On-the-job practice	10	0	10	
<b>Total</b>				<b>135</b>	

### Training plan:

#### I. Basic Knowledge

1<sup>st</sup> Semester of Year 1: 16 credits

Ordinal number	Code	Subject	Credits	Periods
		<b>Compulsory Subjects: 13 credits</b>		

1	TO 01	Advanced Mathematics level C1	3	45
2	TO 02	Advanced Mathematics level C2	3	45
3	IS 01	Introduction to Informatics	4	60
4	PL 01	Introduction to Law	3	45
		<b>Selective Subjects: 3 credits</b>		
1	ĐL 02	Economic Geography	3	45
2	LS 03	History of International Civilizations	3	45
3	LS 02	History of Vietnam's & other Countries' Economics	3	45
		<b>Compulsory Subjects: No Credits</b>		
1	NN 01	Non – Majored English 1	4	60

**2<sup>nd</sup> Semester of Year 1 : 18 credits**

<b>Ordinal Number</b>	<b>Code</b>	<b>Subject</b>	<b>Credits</b>	<b>Periods</b>
		<b>Compulsory Subjects: 15 credits</b>		
1	TO 06	Theory of Mathematic Probability and Statistics	3	45
2	NL 01	Mac- Leninism's Basic Principles	5	75
3	ĐL 01	Vietnam Communist Party's Revolutionary Policies	3	45
4	IS 02	Programming Techniques	4	60
		<b>Selective Subjects: 03 credits</b>		
1	TL 01	Introduction to Psychology	3	45
2	XH 01	Sociology	3	45
3	MT 01	Human Being and Environment	3	45

		<b>Compulsory Subjects: No Credits</b>		
1	NN 02	Non – Majored English 2	4	60
2	QP 01	National Defence Education	4 weeks	165

### 3<sup>rd</sup> Semester of Year 2: 18 credits

Ordinal Number	Code	Subject	Credits	Periods
		<b>Compulsory Subjects: 15 credits</b>		
1	KT 01	Basic Economics	3	45
2	QT 01	Basic Administration	3	45
3	KK 01	Principles of Accounting	3	45
4	TT 01	Ho Chi Minh Ideologies	2	30
5	IS 03	Data Structure and Algorithm	4	60
		<b>Selective Subjects: 03 credits</b>		
1	LG 01	Logic Study	3	45
2	DH 01	Demographics	3	45
3	GT 03	An Introduction to Communication Science	3	45
		<b>Compulsory Subjects: No Credits</b>		
1	NN 03	Non – Majored English 3	4	60
2	GT 01	Physical Education	3	45

## II. Knowledge System of Basic professions

**4<sup>th</sup> Semester of Year 2 : 21 credits**

<b>Ordinal Number</b>	<b>Code</b>	<b>Subject</b>	<b>Credits</b>	<b>Periods</b>
		<b>Compulsory Subjects: 18 credits</b>		
1	KT 02	Econometrics	3	45
2	IS 04	An Introduction to Database Management System	4	60
3	IS 09	Management Information System	4	60
4	IS 18	Computer Network and Security	4	60
5	MA 01	Basic Marketing	3	45
		<b>Selective Subjects: 3 credits</b>		
1	TD 01	International Business	3	45
2	TC 10	Theory of Financing – Currency	3	45
3	LU 01	Economy Law	3	45
		<b>Compulsory Subjects: No Credits</b>		
	NN04	Majored English I	4	60
1	GT 02	Physical Education	2	30

**III. Majored Knowledge**

**The fifth Semester of Year 3: 15 credits**

<b>Ordinal Number</b>	<b>Code</b>	<b>Subject</b>	<b>Credits</b>	<b>Periods</b>

		<b>Compulsory Subjects: 12 credits</b>		
1	IS 07	Database Management System 1	4	60
2	IS 08	Business Web Designing 1	4	60
3	IS 13	Analysing and Designing Information System	4	60
		<b>Selective Subjects: 3 credits</b>		
1	IS 15	Accounting Informatics	3	45
2	TN 02	Stock Market	3	45
3	IS 28	Electronic Marketing	3	45
4	LU 03	Electronic Transaction Law	3	45
		<b>Compulsory Subjects: No Credits</b>		
1	NN05	Majored English II	4	60

**The Sixth Semester of Year 3: 17 credits**

<b>Ordinal Number</b>	<b>Code</b>	<b>Subject</b>	<b>Credits</b>	<b>Periods</b>
		<b>Compulsory Subjects: 14 credits</b>		
1	IS 11	Database Management System 2	4	60
2	IS 12	Business Web Designing 2	4	60
3	IS 25	Profession Designs	3	45
4	IS 21	Electronic Commerce	3	45
		<b>Selective Subjects: 3 credits</b>		
1	KN 01	Teamwork Skill	3	45

2	IS 26	Programming open-source code	3	45
3	NV 01	Specialist skill of Commercial Bank	3	45
4	KK 08	Management Accounting	3	45
		<b>Compulsory Subjects: No Credits</b>		
1	NN 06	Majored English III	4	60

**The Seventh Semester of Year 4: 15 credits**

Ordinal Number	Code	Subject	Credits	Periods
		<b>Compulsory Subjects: 12 credits</b>		
1	IS 14	Saving System and Data Cultivation	3	45
2	IS 10	Safety and Security for Information System	3	45
3	KK 13	Accounting Information System	3	45
4	IS 16	Software Project Administration	4	60
		<b>Selective Subjects: 3 credits</b>		
1	IS 20	Electronic Government	3	45
2	IS 19	Electronic Payment	3	45
3	IS 27	Programming database	3	45

**The Eighth Semester of Year 4: 10 credits**

Ordinal	Code	Subject	Credits	Periods
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Number				
		<b>Graduate research: 10 credits</b> on-the-job practice		
1		10 weeks' on-the-job Practice - Report	4	60
2		Thesis presentation or two advanced subjects ( IS 22: Advanced Electronic Commerce and IS 23: Business Resources Forming)	6	90