

# **Undergraduate Program for management theory and information technology (2014)**

## **1 Training target**

This major is a comprehensive subject of management theory and information technology. It studies the theory and practice of information technology and management. It mainly develops the advanced specialized talents with the economic and management knowledge, the application of information technology and the international perspective. After graduation, students can engage in information system development, system process reengineering, data collection and analysis, information system analysis and design, information system analysis and management, information system audit and other work in the country at all levels of government agencies, financial institutions, industrial and commercial enterprises and scientific research institutions.

## **2 Length of schooling**

Four years

## **3 Award degree**

Bachelor of management

## **4 Credits requirement**

155 credits (not include Extra credit) . 46 credits for general compulsory courses, 9 credits for general elective courses, 47 credits for discipline basic course, 29 credits for professional required courses, 12 credits for professional limited selection courses, 12 credits for comprehensive application courses. Any more, students also need to get 10 quality development for extra-curricular credits, and to read the “health education of College students”.

## **5 Requirement for the students from Hong Kong, Macao and Taiwan**

In Accordance with the Education Office of Guangdong province, the students from Hong Kong, Macao and Taiwan do not need to take part in “defense education” and “ideological and political theory”, but they should take part in the rest of courses strictly, and accordance with requirements of the professional teaching plan, hours and credits.

## **5 Requirement for the international students**

In Accordance with the education office of Guangdong province, the international students do not need to take part in “national defense education” except the majors of philosophy, politics and economics, but they should pass the rest of courses strictly, and accordance with requirements of the professional teaching plan, hours and credits.

## **7 Teaching schedule**

**Table 1. table of credits requirement**

course category	course nature	lowest credits	lowest credits of each term								total
			1	2	3	4	5	6	7	8	
general	obligatory	46	13.5	6	12	5	5	4.5	0	0	46
	limited	9	0	1	1	1	2	2	2	0	9
discipline	obligatory	47	12	13	8	11	3	0	0	0	47
professional	obligatory	29	0	3	3	0	12	11	0	0	29
	limited	12	0	0	0	0	6	6	0	0	12
comprehensive application	obligatory	12	0	1	0	2	0	2	3	4	12
total		155	25.5	24	24	19	28	25.5	5	4	155





				series														
	subtotal			9		144	144				1	1	1	2	2	2		

Note:

★: Examination

☆: Investigation

Table 2. table of course schedule (continue)

course category	course nature	course type	course code	course name	Credits (c)	Weeks (w)	Hours (h)	hours allocation			Term / weeks / hours								exam	
											1	2	3	4	5	6	7	8		
								teach	Exp.	practice	15	16	16	16	16	16	16	16		15
discipline	Obligatory	Discipline basic course	100214	Calculus I	4.0	15	60	60	0	0	4								★	
			109415	Calculus I a	5.0	15	75	75	0	0	5									★
			110084	Program design	4.0	15	60	40	20	0	4									★
			116194	Introduction to information management	4.0	15	60	40	20	0	4									☆
			100024	Calculus II	4.0	16	64	64	0	0		4								★
			109425	Calculus IIa	5.0	16	80	80	0	0		5								★
			061363	Economics principle	3.0	16	48	48	0	0		3								★
			010013	Management science	3.0	16	48	48	0	0		3								★
			112573	Computer architecture	3.0	16	48	24	24	0		3								★
			101044	Linear algebra	4.0	16	64	64	0	0			4							★
			109235	Linear algebraa	5.0	16	80	80	0	0			5							★
			110104	Data structure	4.0	16	64	64	0	0			4							★
			101084	Probability theory and mathematical statistics	4.0	16	64	64	0	0				4						★
			109445	Probability theory and mathematical statistics a	5.0	16	80	80	0	0				5						★
			110124	Database principle	4.0	16	64	44	20	0				4						★

			119343	Operating system	3.0	16	48	48	0	0				3				★		
			119133	Management operational research	3.0	16	48	48	0	0					3			★		
		subtotal			47		740	656	84			12	13	8	11	3				
professional	Obligatory	Basic course	111253	WEB development technology and Application	3.0	16	48	30	18	0		3						★		
			112013	Management information system	3.0	16	48	40	8	0			3						★	
			112023	Information system analysis and design	3.0	16	48	36	12	0						3			★	
			111243	Java advanced development technology and Application	3.0	16	48	30	18	0						3			★	
			111263	Advanced operation management	3.0	16	48	40	0	8						3			★	
			111273	Structure and design of electronic commerce system	3.0	16	48	30	18	0						3			★	
			111162	ERP principle, implementation and management	2.0	16	48	30	12	6							3			☆
			111213	DSS	3.0	16	48	30	18	0							3			★
			112272	IT project management	2.0	16	32	26	0	6							2			☆
			110113	Computer network	3.0	16	48	36	12	0							3			★
		Subtotal			29		464	328	116	20		3	3		12	11				

			111172	Information system professional classical English literature reading	2.0	16	32	32	0	0					2				☆
			111183	DW and DM technology	3.0	16	48	30	18	0					3				☆
			112503	Workflow technology and business process reengineering	3.0	16	48	30	10	8					3				☆
			010942	Supply chain management practice	2.0	16	32	24	8	0					2				☆
	limited	enterprise information	111334	Oracle database management and maintenance	4.0	16	64	46	18	0					4				☆
			111283	Information economics	3.0	16	48	48	0	0					3				☆
			110272	Computer multimedia technology	2.0	16	32	22	10	0					2				☆
			111193	Enterprise IT strategic planning and management	3.0	16	48	40	0	8						3			☆
			111203	Mobile development technology and Application	3.0	16	48	30	18	0						3			☆
			040073	Data processing technology and SPSS	3.0	16	48	30	18	0						3			☆





Comprehensive application	Obligatory	comprehensive application	119871	Social survey	1.0	3	0	0	0	0	0	0	0	0	0	0	☆	
			111072	Programming course design	2.0	8	32	0	32	0			4					☆
			119532	DBS design	2.0	8	32	0	32	0					4			☆
			110951	MIS Application case writing	1.0	2	0	0	0	0						0		☆
			111002	MIS development and design	2.0	8	32	0	32	0						4		☆
			116032	Graduation practice	2.0	5	0	0	0	0							0	☆
			116082	Graduation design	2.0	10	32	32	0	0							2	☆
			subtotal					12		128	32	96				4		4