

	Financial Management	3	3							3										Computer classroom
	System Analysis and Design	3	3									3								

Course	Crs	Hrs	1 st year				2 nd year				3 rd year				4 th year				Note			
			Fall		Spring		Fall		Spring		Fall		Spring		Fall		Spring					
			class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab				
Professional Required Courses	Management Information System	3	3									3										
	Production /Operation Management	3	3									3										
	Enterprise Resource Planning	3	3										3								Computer classroom	
	Topic Research(1)-(2)	6											3		3							
	Topic Institute	1	2															1	1			
	Subtotal	66	78	12		10		12		12		9		5		5		1				
Total Required Course Credits		90	125	20		18		13		13		12		8		5		1				
Elective Course	Web Application Integration Program	Object-Oriented Programming	3	3				3													Computer classroom	
		Windows Programming	3	3				3													Computer classroom	
		Advanced Programming	3	3				3													Computer classroom	
		Introduction to Multimedia	3	3				3														
		Graphical user interface	3	3						3												Computer classroom
		Multimedia Design and Application	3	3						3												Computer classroom
		Implementation of database applications	3	3							3											Computer classroom
		Database Application Design Advanced	3	3									3									Computer classroom
		Web System Development Technology	3	3									3									Computer classroom
		TCP/IP Protocol	3	3									3									
Topics on System Analysis and Design	2	2											2									

	Windows.net Technology Development and Application	3	3																	Computer classroom	
	Software Project Management	3	3																		

Course	Crs	Hrs	1 st year				2 nd year				3 rd year				4 th year				Note												
Elective Course	Web Application Integration Program	Enterprise Network Technology	3	3																	3									Computer classroom	
		Introduction of Software Engineering	3	3																											
		Advanced Enterprise Network Technology	3	3																										Computer classroom	
		Data Warehouse and Data Mining	3	3																											
		Network Security	3	3																										3	
		Network Planning & Management	3	3																										3	Computer classroom
		Information architecture and Web Design	3	3																										3	
	Enterprise Resource Planning Information Systems	Human Resource Management	3	3																										3	
		Operation Research	3	3																										3	
		Marketing Management	3	3																										3	
		Information Technology and Knowledge Management	3	3																										3	
		Project Management	3	3																										3	
		Network Marketing	3	3																										3	
		E-Business	3	3																										3	
		Marketing Research	3	3																										3	
Topics on ERP and Logistics Management	3	3																										3	Computer classroom		

		Internet Psychology Research	3	3											3						
		Invention patent search	3	3											3						
		Information Technology Service Management													3						
		E-Learning Course Design	3	3											3						
		Computer Crime Prevention	3	3											3						
		Information Security	3	3													3				
		Practice of Information Management Career Development	3	3													3				
		Legal Information	3	3													3				
		Civil Law	2	2													2				
		Course	Crs	Hrs	1 st year				2 nd year				3 rd year				4 th year				Note
					Fall		Spring		Fall		Spring		Fall		Spring		Fall		Spring		
					class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	class	lab	
Elective Course	Other	Information retrieval	3	3															3		
		Soft Computing	3	3															3		
		Supply Chain Management and Logistics	3	3															3		
		Information Technology Management	3	3															3		
		Information Industry Analysis	3	3															3		
		Copyright Law	2	2															2		
		Military Training Education I	0	4	2		2														
		Nursing Education I	0	4	2		2														
		Military Training Education II	0	4					2		2										
		Japanese (1)	4	6					2	1	2	1									
		Japanese (2)	4	6									2	1	2	1					
		Physical Education(7~8)	4	4												2		2			
Total		Subtotal Required Course Credits	90																		
		At least Elective Credits	38																		

Subtotal Elective Course Credits	19
Outside the department must admit Elective Credits	19
Grand Total	128

Notes:

1. In accordance with the General Provisions for Study, undergraduate students need to satisfactorily complete Service Learning, meet the university-wide basic competencies of English, Information Technology, Chinese, and Sports, and pass the core competencies of their department to be eligible for graduation.
2. Students who entered in and since the 2011-12 academic year need to complete at least 12 General Education course credits. General Education courses are divided into three areas: Humanities, Social Science, and Natural Science. Each area is divided into two subcategories: core and extended. Students need to take 1 two-credit course in both of the subcategories within each area to be eligible for graduation. Only 12 course credits will be counted toward graduation. Additional course credits earned in General Education courses are not counted toward graduation.
3. Undergraduate students are allowed to take courses from the master program as their professional elective, however, under the condition of approval by the department chair. The course credits can be counted toward students' final grades.
4. Courses from focused course programs set up by any individual IT department or cooperatively between IT and other Schools can be regarded as the CCE professional elective courses under the condition of approval by the department chair. Professional courses selected from other Schools also have to be approved by the chair, but the CCE Department can only admit maximum 19 course credits.
5. Any student who fails a professional required course, the credits must be made up by retaking that course. If the course is retaken outside IM department, only Calculus is considered as the credits for graduation.
6. The courses listed in this outline are applicable for these students entered before Academic year 2011