

106 Semester Under Graduate Four-year Program

Curriculum flow chart (Lecture Hours-Labs Hours-Credits)							
1st year		2nd year		3rd year		4th year	
1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester
Common Compulsory Courses							
Physical Education 2-0-0	Physical Education 2-0-0	Physical Education 2-0-0	Physical Education 2-0-0				
Selected Reading in Prose 2-0-2	Appreciation of Chinese Literature 2-0-2		Practical Chinese 2-0-2	Constitution and Law 2-0-2	Philosophical Thinking 2-0-2		
Life Education 2-0-2	Historical Thinking 2-0-2	General Education 2-0-2	General Education 2-0-2	General Education 2-0-2	General Education 2-0-2		
Practicum in English Communication (I) 0-2-1	Practicum in English Communication (II) 0-2-1	English Presentation and Writing (I) 2-0-2	English Presentation and Writing (II) 2-0-2	Career English 2-0-2			
Service Learning 0-2-0	Service Learning 0-2-0						
6-4-5	6-4-5	6-0-4	8-0-6	6-0-6	4-0-4		
College Common Compulsory Courses (15 credits)							
Accounting(I) 3-0-3	Economics (I) 3-0-3	Statistics (I) 3-0-3				Business Ethics 2-0-2	
Management Theory 3-0-3							
6-0-6	3-0-3	3-0-3				2-0-2	
Dept Compulsory Courses(51 credits)							
Introduction to Computer Science 3-0-3	Program Design 3-0-3	Object Oriented Programming Languages 3-0-3	Statistics (II) 3-0-3	Database Management Systems 3-0-3	Information Management Projects (I) 3-0-3	Information Management Projects (II) 3-0-3	
Programming Concept and Methods 2-2-3	Introduction to Information Management 3-0-3	Data Structures 3-0-3	Systems Analysis and Design 3-0-3	Operating Systems 3-0-3	Project Management 3-0-3	Management Information Systems 3-0-3	
Calculus (I) 3-0-3			Information Networks 3-0-3	Object-Oriented Software Engineering 3-0-3			
8-2-9	6-0-6	6-0-6	9-0-9	9-0-9	6-0-6	6-0-6	
Optional Courses(at least 41 credits)							
Total: the minimum credits: 136credits							

Under Graduate Two-year Program

Curriculum flow chart (Lecture Hours-Labs Hours-Credits)

1st year		2nd year	
1st semester	2nd semester	1st semester	2nd semester
Common Compulsory Courses(含通識2Credits，計10Credits)			
Practical English 2-0-2	Appreciation of Chinese Literature 2-0-2		
General Education 2-0-2	Historical Thinking 2-0-2	Constitution and Law 2-0-2	
Service Learning 0-2-0	Service Learning 0-2-0		
4-2-4	4-2-4	2-0-2	
College Common Compulsory Courses (2 credits)			
		Business Ethics 2-0-2	
		2-0-2	
Dept Compulsory Courses(24 Credits)			
Database Systems 3-0-3	Management Object Oriented Programming Languages 3-0-3	Object-Oriented Engineering 3-0-3	Software
Information Networks 3-0-3	Information Projects (I) 3-0-3	Management Information Projects (II) 3-0-3	Management
	Management Systems 3-0-3	Information Project Management 3-0-3	
6-0-6	9-0-9	9-0-9	
Optional Courses(at least 36Credits)			

【2-1 課程流程圖】

Undergraduate Program Selective Courses

Curriculum flow chart (Lecture Hours-Labs Hours-Credits)

1st year		2nd year		3rd year		4th year	
1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester
Information Technology Optional Courses							
Business Computer Software Applications 3-0-3	Operating System Operation and Administration 3-0-3 Web Page Design 3-0-3	Introduction to Cloud Computing 3-0-3	Multi Media Design 3-0-3 Object Oriented Window Programming 3-0-3	Interaction Design and Thinking 3-0-3 Introduction to E-learning 3-0-3 Special Topics of Information Technology (I) 3-0-3 Software Engineering 3-0-3 Embedded System Development 3-0-3 The Practice of Cloud Computing Architecture 3-0-3	Database Design and Application 3-0-3 Algorithms 3-0-3 Special Topics of Information Technology (II) 3-0-3 Web-Based Development 3-0-3 Software Architecture 3-0-3 Computer Communication in Practice 3-0-3 Enterprise Resource Planning —Distribution Modules 3-0-3	Database Administration (I) 3-0-3 Component-based Software Development Technique 3-0-3 Special Topics of Information Technology (III) 3-0-3 Software Measurement 3-0-3 Network Management 3-0-3 Network and Database Application Systems 3-0-3	Database Administration (II) 3-0-3 Special Topics of Information Technology (IV) 3-0-3 Data Mining and Big Data Analysis 3-0-3 Projects for Manufacture Execution System 3-0-3 Cloud Computing Security 3-0-3 Computer Auditing 3-0-3 Internship Industry (I) 1-8-5
Information Management Optional Courses							
		Managerial Psychology 3-0-3	Communication Skills 3-0-3	Marketing Information System 3-0-3 Decision Support System 3-0-3	Electronic Business 3-0-3 Investment Information Management 3-0-3 Global Logistics Management 3-0-3	Customer Relationship Management 3-0-3 Seminar in eBusiness 3-0-3 Knowledge Management 3-0-3 Introduction to MES Systems 3-0-3 MES System Analysis and Design 3-0-3 Seminar of Industrial Pragmatic (I) 3-0-3 Basic Law of Technology 3-0-3	Topics of Information Management 3-0-3 Strategic Information System 3-0-3 Technology Ethics and Law 3-0-3 Software Quality Management 3-0-3 Seminar of Industrial Pragmatic (II) 3-0-3 Internship Industry (II) 1-8-5

Undergraduate Program Selective Courses

Curriculum flow chart (Lecture Hours-Labs Hours-Credits)

1st year		2nd year		3rd year		4th year	
1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester	1st semester	2nd semester

Other Optional Courses :

Calculus (II) 3-0-3		Managerial Mathematics 3-0-3	* Statistics (I) 3-0-3	* Statistics (II) 3-0-3 Calculus 0-4-2
-----------------------------	--	------------------------------------	--------------------------------	--

Optional Courses : 其他類 (for two-year program)

◎Program Design 3-0-3	◎Systems Analysis and Design3-0-3	◎Data Structures 3-0-3
○Managemen t Theory 3-0-3		

【2-1 課程流程圖】

PhD Program, Information Management

Curriculum flow chart (Lecture Hours-Labs Hours-Credits)

1st year		2nd year	
1st semester	2nd semester	1st semester	2nd semester
Common Compulsory Courses			
Research Methods in Information Management 3-0-3	Advanced Topics in Information Management (II) 0-2-1	Seminar (I) 2-0-2	Seminar (II) 2-0-2
Research Methods in Computer Science 3-0-3		Doctoral Dissertation 3-0-3	Doctoral Dissertation 3-0-3
Advanced Topics in Information Management (I) 0-2-1			
6-2-7	0-2-1	5-0-5	5-0-5
I.M. Professional Compulsory Courses			
Professional Optional Courses			
Project Management 3-0-3	Topic on software quality and risk management 3-0-3	Knowledge Management 3-0-3	Professional Ethics and Law 3-0-3
Advanced Topics in Information Management 3-0-3	System Planning and Management 3-0-3		Quantitative Methods for Management 3-0-3
E-Business 3-0-3	Qualitative Research Methodology 3-0-3		
Seminar on Global Logistics Management 3-0-3	Seminar on Investment Information Management 3-0-3		
	Customer Relationship Management 3-0-3		
I.T. Professional Compulsory Courses			
Professional Optional Courses			
Software Development methodology 3-0-3	Advanced Data Structure and Algorithm 3-0-3		Intelligent computation Study and Analysis 3-0-3
Data Mining 3-0-3	Teaching and Learning of Programming Language 3-0-3		
	Seminar on Business Intelligence 3-0-3		
	Seminar on Medical Informatics 3-0-3		
	Special Topics on E-learning 3-0-3		
	Interaction Design and Thinking 3-0-3		
Total: the minimum credits: 36credits (Including thesis 6 credits)			

【2-1 課程流程圖】

Graduate School , Information Management

Curriculum flow chart (Lecture Hours-Labs Hours-Credits)

1st year		2nd year	
1st semester	2nd semester	1st semester	2nd semester
Compulsory Courses (20 credits in total) :			
Research Method 3-0-3	Foundation of Computer Science3-0-3	Master Thesis 3-0-3	Master Thesis 3-0-3
Topics of Information Management (I) 0-2-1	Topics of Information Management (II) 0-2-1		
Management Theory and Practice3-0-3	Management Information Systems3-0-3		
6-2-7	6-2-7	3-0-3	3-0-3
Optional Courses (At Least 15 credits) :			
Planning & Management Type :			
Strategic Use of Information Systems 3-0-3	System Planning and Management 3-0-3		
Seminar on Global Logistics Management 3-0-3	Customer Relationship Management 3-0-3	Knowledge Management 3-0-3	
Project Management 3-0-3	Information Service Management3-0-3		
	Summer Advanced Internship Industry0-6-3		
System Develop Type :			
Component-based Software Development Technique 3-0-3	Big Data Processing 3-0-3	Network and System Securities 3-0-3	
Data Management and Applications 3-0-3	Interaction Design and Thinking 3-0-3		Intelligent Computation Study and Analysis3-0-3
World Wide Web System 3-0-3	Advanced Data Structures and Algorithm3-0-3		
Document Engineering 3-0-3	Teaching and Learning of Programming Languages 3-0-3		
Data Mining 3-0-3	Seminar on Business Intelligence3-0-3		
	Network Defense Techniques And Applications3-0-3		
	Machine Learning3-0-3		
Information System Application Type :			
Neural Network in Business Application 3-0-3	Seminar (II) 3-0-3		Seminar on E-Commerce 3-0-3
Seminar (I) 3-0-3	Special Topics on E-learning 3-0-3		
E-Business 3-0-3	Investment Information Management3-0-3		
	Seminar on Medical Informatics 3-0-3		
	Advanced Information Technology and Business Innovation3-0-3		
Qualitative Method Type :			
Data Analysis 3-0-3	Decision Analysis 3-0-3	Soft Computing and Its Application 3-0-3	Professional Ethics and Law 3-0-3
	Qualitative Research Methodology 3-0-3		Quantitative Methods for Management 3-0-3
Total: the minimum credits: 35credits (Including thesis 6 credits)			

Executive Master of Business Administration's Program

Curriculum flow chart (Lecture Hours-Labs Hours-Credits)

1st year		2nd year	
1st semester	2nd semester	1st semester	2nd semester
Common Professional Compulsory Courses(計 21Credits)			
Research Method 3-0-3	Data Management and Applications 3-0-3	Network Technology and Management 3-0-3	Master Thesis 3-0-3
Introduction to Service Science 3-0-3	Project Management 3-0-3	Master Thesis 3-0-3	
6-0-6	6-0-6	6-0-6	3-0-3
Common Professional Optional Courses			
Interaction Design and Thinking 3-0-3	Application of Statistic Method 3-0-3	Qualitative analysis methods and applications 3-0-3	Data Mining 3-0-3
Management Information Systems 3-0-3	Neural Network 3-0-3	Knowledge Management Theory and Application 3-0-3	Professional Ethics 3-0-3
Professional Optional Courses			
Strategic Use of Information Systems 3-0-3	Investment Information Management 3-0-3	Global Logistics Management 3-0-3	Customer Relationship Management 3-0-3
Programming and System Development 3-0-3	Information Resources Management 3-0-3	Application of information technology service management 3-0-3	Network and System Securities 3-0-3
Seminar on Business Intelligence 3-0-3	Web Development and Applications 3-0-3	Service information management and decision support 3-0-3	Big Data Processing 3-0-3
	Topics in Electronic Commerce 3-0-3		
Professional Optional Courses			
Digital Content Management 3-0-3	Theories of E-learning 3-0-3	E-Learning Design and Applications 3-0-3	Digital Testing and Assessment 3-0-3
	Digital Evidence and Computer Forensics 3-0-3		
其他類 Optional Courses			
36 Credits			

【2-1 課程流程圖】

Executive E-learning Master of Business Administration's Program

Curriculum flow chart (Lecture Hours-Labs Hours-Credits)

1st year		2nd year	
1st semester	2nd semester	1st semester	2nd semester
Common Professional Compulsory Courses(計 21Credits)			
Research Method 3-0-3	Data Management and Applications 3-0-3	Network Technology and Management 3-0-3	Master Thesis 3-0-3
Introduction to Service Science 3-0-3	Project Management 3-0-3	Master Thesis 3-0-3	
6-0-6	6-0-6	6-0-6	3-0-3
Common Professional Optional Courses			
Interaction Design and Thinking 3-0-3	Application of Statistic Method 3-0-3	Qualitative analysis methods and applications 3-0-3	Data Mining 3-0-3
Management Information Systems 3-0-3	Neural Network 3-0-3	knowledge management theory and application 3-0-3	Professional Ethics 3-0-3
Professional Optional Courses			
Strategic Use of Information Systems 3-0-3	Investment Information Management 3-0-3	Global Logistics Management 3-0-3	Customer Relationship Management 3-0-3
Programming and System Development 3-0-3	Information Resources Management 3-0-3	Application of information technology service management 3-0-3	Network and System Securities 3-0-3
Network Defense Techniques And Applications 3-0-3	Web Development and Applications 3-0-3	Service information management and decision support 3-0-3	Big Data Processing 3-0-3
Seminar on Business Intelligence 3-0-3	Topics in Electronic Commerce 3-0-3	Study on Digital Technology Instruction 3-0-3	
Optional Courses			
◎Management Information Systems 3-0-3			
Total : 36 Credits			