

Curriculum

● Curriculum Table for Bachelor Degree, Department of Information Management, National United University, ver. yr2020

Course Category	Credits	1 st Year		2 nd Year		3 rd Year		4 th Year	
		Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
		Title (credit/hour); (credit/hour) is omitted if it is (3/3)							
Required Course (university)	18	Freshman English-I Chinese-I Manual Training-I (0/1) Physical Education (Physical Fitness)-I (0/2) Navigating College (1/1) Autonomic learning (1/1)	Freshman English-II Chinese-II Manual Training-II (0/1) Physical Education (Physical Fitness)-II (0/2)	Historical Thinking (2/2) Physical Education-III (0/2)	Democracy and Law (2/2) Physical Education-IV (0/2)				
Liberal Arts	10			Liberal Arts(required) (2/2)	Liberal Arts(required) (2/2)	Liberal Arts(required) (2/2)	Liberal Arts(elective) (2/2)	Liberal Arts(elective) (2/2)	
Required Course (college)	22	Accounting-I Economics-I		Statistics-I English for Business Practice-I (1/2) Management	Statistics-II English for Business Practice-II (1/2)	TOEIC English (1/2)	English Writing for Business Practice (1/2)	Commercial Law	
Required Course (department)	51	Program Design-I Calculus-I Introduction to Computer Science	Program Design-II Business Data Communications Management Mathematics Introduction to Information Management Introduction to Business	Database Systems Management Data Structure	Database Programming Method for Creative Thinking	Project on Information Management-I (1/2) System Analysis and Design	Project on Information Management-II (1/2) Software Project Management Operation Research	Project on Information Management-III (1/2) Management Information Systems	
Elective Course (college)								Business Practice-I (3/12) Management Microcredit Course-I (2/2)	Business Practice-II (3/12) Management Microcredit Course-II (2/2)
Elective Course (department)	24-31		Introduction to Electronic Commerce Introduction to Artificial Intelligence Introduction to Multimedia Accounting-II Economics-II Calculus-II	Marketing Management Introduction to Service Innovation Programming for Artificial Intelligence Network Administration Object Oriented Programming	Consumer Behavior Web Programming Practices in Database Management Systems Network Planning and Analysis Information Security and Management Operating System	Internet Marketing Internet Advertising Creation and Information Technology Digital Image Processing Decision Methodology and Analysis Fuzzy Theory and Applications Network Programming Financial Management Production Management Information System	Customer Relationship Management Enterprise Resource Planning System Multimedia Programming Knowledge Management Mobile Application Programming Computer Animation	Data Warehousing and Mining Case Study for Digital Contents Introduction to Machine Learning Decision Support Systems and Business Intelligence The Tools and Applications of System Development Corporate Internship-I (3/12)	Case Study on Service Innovation Creative Applications of Digital Contents Applications of Deep Learning Big Data Technologies and Applications UNIX Operating System Corporate Internship-II (3/12)

- Graduation Credit Hours 132 credits
- Required Course (university) 18 credits
- Liberal Arts 10 credits
- Required Course (college) 22 credits

- Required Course (department) 51 credits
- Elective Courses (college) 12 credits
- Elective Courses (department) 12 credits
- Free Electives 7 credits

Graduate

- Curriculum Table for Master Degree, Department of Information Management, National United University, ver. yr2020

	1 st Year	1 st Year	2 nd Year	2 nd Year
Course Category	Semester 1	Semester 2	Semester 1	Semester 2
Required Course (department) 13 Credits	<ul style="list-style-type: none"> ● RESEARCH METHODS(3) ● SEMINAR-I(2) 	<ul style="list-style-type: none"> ● SPECIAL TOPICS ON MANAGEMENT(3) ● SEMINAR-II(2) 	<ul style="list-style-type: none"> ● SEMINAR-III(2) 	<ul style="list-style-type: none"> ● SEMINAR-IV(1)
Required Course Credits 13	5	5	2	1
Elective Course (department) 21 Credits	<ul style="list-style-type: none"> ● INTERNET OF THINGS AND APPLICATIONS OF DIGITAL ● CONTENT NETWORK ● MACHINE LEARNING ● DECISION SUPPORT SYSTEMS AND BUSINESS INTELLIGENCE ● IT-ENABLED SERVICE INNOVATION ● SPECIAL TOPICS ON E-COMMERCE ● TOPICS OF FUZZY THEORY AND APPLICATIONS ● THE TOPICS OF ERP ● SPECIAL TOPICS ON DECISION METHODS ● MOBILE COMMUNICATIONS FOR DIGITAL CONTENT ● SPECIAL TOPICS ON DIGITAL MARKETING ● INDUSTRIAL TECHNOLOGY FORESIGHT: THEORY AND PRACTICE ● SEMINAR OF EMERGING MANAGEMENT TOPICS 	<ul style="list-style-type: none"> ● DIGITAL CONTENT AND SEMANTIC WEB ● CONTENT-BASED INFORMATION RETRIEVAL ● EMERGENCE INFORMATION SERVICE RESEARCH ● DEEP LEARNING ● DATA MINING AND ENTERPRISE APPLICATIONS ● BIG DATA TECHNOLOGIES AND APPLICATIONS PROJECTS ● SPECIAL TOPICS ON SOFTWARE PROJECT MANAGEMENT ● SPECIAL TOPICS ON KNOWLEDGE ● MULTIVARIATE ANALYSIS ● SERVICE INNOVATION CASE STUDIES ● INTERACTIVE TECHNOLOGY OF MULTIMEDIA ● INTRODUCTION TO DATA ANALYTICS WITH APPLICATION IN SOFTWARE ● ADVANCED ALGORITHMS 	<ul style="list-style-type: none"> ● SPECIAL TOPICS ON DIGITAL CONTENT APPLICATION (1) ● INTERN PRACTICE(1) 	<ul style="list-style-type: none"> ● SITUATIONAL AWARENESS FOR DECISION MAKING ● SPECIAL TOPICS ON DIGITAL CONTENT APPLICATION (2) ● INTERN PRACTICE(2)

Minimal requirement for graduation: 34 Credits: Required Course (department) 13 Credits and Elective Course (department) 21 Credits

Course Guides

