



**COURSE GUIDELINE FOR INTERNATIONAL STUDENTS  
AT PROVIDENCE UNIVERSITY**

**ACADEMIC YEAR 2010-2011**  
**(99 學年度入學適用)**

**PUBLISHED BY OFFICE OF INTERNATIONAL AFFAIRS**

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# Department of English Language, Literature and Linguistics

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6 )      CHINESE 102 ( 6 )      CHINESE 201 ( 6 ) CHINESE 202 ( 6 )      CHINESE 301 ( 3 )      CHINESE 302 ( 3 ) CHINESE 401 ( 2 )      CHINESE 402 ( 2 )	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (46)	<p>*英文作文 (一) ENGLISH COMPOSITION (I) (2-2)            *英語聽講 ENGLISH LISTENING COMPREHENSION (1-1)            *英文作文 (二) ENGLISH COMPOSITION (II) (2-2)            聖經文學 BIBLE AS LITERATURE (2-2)            *英語口語訓練 (一) ENGLISH ORAL TRAINING (I) (2-2)            西方思想史 HISTORY OF WESTERN THOUGHTS (2-0)            西方藝術史 HISTORY OF WESTERN ARTS (0-2)            *英語口語訓練 (二) ENGLISH ORAL TRAINING (II) (2-2)            英語語言學概論 INTRODUCTION TO ENGLISH LINGUISTICS (2-2)            西洋文學概論 INTRODUCTION TO WESTERN LITERATURE (3-3)            *中級英語會話 INTERMEDIATE ENGLISH CONVERSATION (2-2)            英國文學(一):古英文時期至文藝復興            ENGLISH LITERATURE (I) : ANCIENT TO RENAISSANCE PERIOD (3-3)</p> <p>NOTE: International students who are English native speakers or are from countries with English as one of their official languages cannot take the following courses:            Freshmen: ENGLISH ORAL TRAINING I, ENGLISH COMPOSITION I, ENGLISH LISTENING COMPREHENSION, FRESHMEN ENGLISH, ENGLISH GRAMMAR, ENGLISH PRONUNCIATION.            Sophomore: ENGLISH ORAL TRAINING II, ENGLISH COMPOSITION II, ENGLISH READING.            Junior: INTERMEDIATE ENGLISH CONVERSATION, NEW ENGLISH, TRAVELING ENGLISH CONVERSATION, INTERMEDIATE ENGLISH COMPOSITION.            Senior: ADVANCED ENGLISH CONVERSATION, ADVANCED READING AND WRITING.            These credits need to be replaced by taking other courses offered for junior and senior classes by the Department of English Language, Literature and Linguistics.</p>	

ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (48)	
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GRADUATE CREDITS : 128

## Department of Spanish Language and Literature

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (66)	西班牙文文法 (一) SPANISH GRAMMAR (I) (3-3) 西班牙語會話 (一) SPANISH CONVERSATION (I) (4-4) 西班牙文閱讀與寫作 (一) SPANISH READING AND COMPOSITION (I) (2-2) 西班牙文文法 (二) SPANISH GRAMMAR (II) (2-2) 西班牙語會話 (二) SPANISH CONVERSATION (II) (4-4) 西班牙文閱讀與寫作 (二) SPANISH READING AND COMPOSITION (II) (2-2) 西班牙文文法 (三) SPANISH GRAMMAR (III) (2-2) 西班牙語會話 (三) SPANISH CONVERSATION (III) (4-4) 西班牙文閱讀與寫作 (三) SPANISH READING AND COMPOSITION (III) (2-2) 翻譯 (西→中) TRANSLATION (SPANISH-CHINESE) (2-2) 西班牙語會話 (四) SPANISH CONVERSATION (IV) (4-4) 翻譯 (中→西) TRANSLATION (CHINESE-SPANISH) (2-2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (28)	

GRADUATE CREDITS : 128

# Department of Japanese Language and Literature

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (66)	初級日語 BASIC JAPANESE (4-4) 中級日語 INTERMEDIATE JAPANESE (3-3) 日語會話 (一) JAPANESE CONVERSATION (1) (4-4) 日語聽力練習 (一) JAPANESE LISTENING PRACTICE (1) (1-1) 日語語法 (一) JAPANESE GRAMMAR (1) (0-2) 日語會話 (二) JAPANESE CONVERSATION (2) (3-3) 日語聽力練習 (二) JAPANESE LISTENING PRACTICE (2) (1-1) 日文習作 (一) JAPANESE WRITING (1) (2-2) 日語語法 (二) JAPANESE WRITING (2) (2-2) 高級日語 ADVANCED JAPANESE (2-2) 現代日語閱讀 MODERN JAPANESE READING (1-1) 日語會話 (三) JAPANESE CONVERSATION (3) (2-2) 日文習作 (二) JAPANESE WRITING (2) (2-2) 日文翻譯(日→中) JAPANESE TRANSLATION (JAPANESE TO CHINESE) (2-2) 日本近代文學史 MODERN LITERATURE HISTORY IN JAPAN (2-2) 日語聽力練習 (三) JAPANESE LISTENING PRACTICE (3) (1-1)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (28)	

GRADUATE CREDITS : 128

# Department of Chinese Literature

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (56)	詞選及習作 READINGS IN TSU(WITH WRITING PRACTICE) (2) 語言學概論 INTRODUCTION TO LINGUISTICS (2-2) 國學導讀 INTRODUCTION TO CLASSICAL CHINESE STUDIES (2-2) 台灣文化概論 INTRODUCTION TO TAIWANESE CULTURE (2) 文學概論 INTRODUCTION TO LITERATURE (2-2) 曲選及習作 READINGS IN CHYU(WITH WRITING PRACTICE) (2) 文字學 CHINESE SCRIPT (2-2) 詩選及習作 READINGS IN CHINESE POETRY (WITH WRITING PRACTICE) (2-2) 聲韻學 PHONOLOGY (2-2) 台灣文學史 HISTORY OF TAIWANESE LITERATURE (2-2) 歷代文選及習作 READINGS IN CHINESE PROSE (WITH WRITING PRACTICE) (2-2) 中國文學史(一) HISTORY OF CHINESE LITERATURE (1) (2-2) 中國文學史(二) HISTORY OF CHINESE LITERATURE (2) (2-2) 中國思想史 HISTORY OF CHINESE THOUGHT (3-3) 訓詁學 HISTORICAL SEMANTICS (2-2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (38)	

GRADUATE CREDITS : 128

# Department of Social Work and Child Welfare

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (49)	心理學 PSYCHOLOGY (3-0) 社會學 SOCIOLOGY (2-2) 社會工作概論 INTRODUCTION TO SOCIAL WORK (2-2) 社會個案工作 SOCIAL CASE WORK (3) 社會團體工作 SOCIAL GROUP WORK (3) 社會統計學(一) STATISTICS FOR SOCIAL SCIENCES (I) (2) 社會統計學(二) STATISTICS FOR SOCIAL SCIENCES (II) (2) 人類行為與社會環境 HUMAN BEHAVIOR & SOCIAL ENVIRONMENT (3) 方案設計與評估 PROGRAM DESIGN & EVALUATION (3) 社區工作 COMMUNITY WORK (3) 社會研究方法 SOCIAL RESEARCH METHODS (3-3) 社會福利概論 INTRODUCTION TO SOCIAL WELFARE (3) 社會心理學 SOCIAL PSYCHOLOGY (3) 社會政策與社會立法 SOCIAL POLICY & SOCIAL LEGISLATION (3) 社會工作實習(一) SOCIAL WORK PRACTICUM (I) (1-1) 社會工作實習(二) SOCIAL WORK PRACTICUM (II) (2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (45)	

GRADUATE CREDITS : 128

# Department of Taiwanese Literature

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (42)	文學概論 INTRODUCTION TO LITERATURE (2) 台灣文學導論 INTRODUCTION TO TAIWAN LITERATURE (2) 台灣民俗文化概論 TAIWANESE CUSTOMS & CULTURE (2-2) 語言學概論 INTRODUCTION TO LINGUISTIC (2-2) 台灣文化史 HISTORY OF TAIWANESE CULTURE (2-2) 台灣文學史 HISTORY OF TAIWANESE LITERATURE (2-2) 台灣小說史 HISTORY OF TAIWANESE FICTION (2) 台灣古典文學史 HISTORY OF TAIWAN CLASSICAL LITERARY (2-2) 台灣母語書寫及習作(A or B) TAIWAN MOTHER LANGUAGE WITH WRITING PRACTICE(A or B) (2-2) 中國現當代文學史 HISTORY OF CHINESE MODERN LITERATURE (2-2) 研究方法 REASERACH METHODOLOGY (2) 世界文藝思潮 WORLD LITERARY CURRENT LITEARATURE (2) 現代文學理論 THEORIES OF MODERN LITERATURE (2) 台灣新詩史 HISTORY OF MODERN TAIWAN POETRY (2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (52)	

GRADUATE CREDITS : 128

# Department of Law

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (40)	憲法 CONSTITUTIONAL LAW (2-2) 民法總則 CIVIL LAW : GENERAL PRINCIPLES (3-3) 刑法總則 CRIMINAL LAW : GENERAL PRINCIPLES (3-3) 行政法 ADMINISTRATIVE LAW (3-3) 民法債編總論 CIVIL LAW : GENERAL PROVISIONS (3-3) 刑法分則 CRIMINAL LAW : SPECIFIC PROVISIONS (2-2) 民法物權 CIVIL LAW : PROPERTY (2-2) 公平交易法 FAIR TRADE LAW (2) 法理學 JURISPRUDENCE (2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. ( 54 )	

GRADUATE CREDITS : 128

# Department of Ecology

	SUBJECT ( CREDITS )			STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6 )	CHINESE 102 ( 6 )	CHINESE 201 ( 6 )	ALL COURSES MUST BE PASSED
	CHINESE 202 ( 6 )	CHINESE 301 ( 3 )	CHINESE 302 ( 3 )	
	CHINESE 401 ( 2 )	CHINESE 402 ( 2 )		

} Choose one  
course  
(including lab  
class)

	SUBJECT ( CREDITS )	STATEMENT
<p style="text-align: center;">COURSES REQUIRED BY THE DEPARTMENT (54)</p>	<p>普通生物學 GENERAL BIOLOGY (2-2)            普通生物學實驗 GENERAL BIOLOGY LABORATORY (1-1)            地球科學 EARTH SCIENCE (2)            普通化學 GENERAL CHEMISTRY (2)            普通物理 GENERAL PHYSICES (2)            微積分 CALCULUS (2)            生態教育 ECOLOGICAL EDUCATION (2)            生態教育實習 ECOLOGICAL EDUCATION PRACTICES (1)            植物分類學 PLANT TAXONOMY (2)            植物分類學實習 PLANT TAXONOMY LABORATORY (1)            族群遺傳與族群生態學 POPULATION GENETICS AND POPULATION ECOLOGY (2)            生態哲學 PHILOSOPHY OF ECOLOGY (2)            生態政治學 POLITICAL ECOLOGY (2)            生態政治學實習 POLITICAL ECOLOGY PRACTICES (1)            當代生態思想史 A HISTORY OF CONTEMPORARY ECOLOGICAL THOUGHTS (2)            無脊椎動物學 INVERTEBRATE BIOLOGY (2)            無脊椎動物學實驗 EXPERIMENT OF INVERTEBRATE BIOLOGY (1)            脊椎動物學 VERTEBRATE BIOLOGY (2)            脊椎動物學實驗 EXPERIMENT OF VERTEBRATE BIOLOGY (1)            環境倫理學 ENVIRONMENTAL ETHICS (2)            生物統計學 BIostatISTICS (2)            生物統計學實作 BIostatISTICS LABORATORY (1)            保育生物學 CONSERVATION BIOLOGY (2)            生態人類學 ECOLOGICAL ANTHROPOLOGY (2)            生態人類學實習 FIELD PRACTICE OF ECOLOGICAL ANTHROPOLOGY (1)            生態學 ECOLOGY (2-2)            生態學實驗 ECOLOGY LABORATORY (1-1)            個體生態學 AUTECOLOGY (2)            群聚生態學 POPULATION ECOLOGY (2)            西方自然觀念史 A WESTERN HISTORY OF NATURAL IDEAS (2)</p>	<p style="text-align: center;">Choose one course (including lab class)</p>

	SUBJECT ( CREDITS )	STATEMENT
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (40)	

GRADUATE CREDITS : 128

# Department of Mass Communication

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	
COURSES REQUIRED BY THE DEPARTMENT (36)	大眾傳播理論 THEORIES OF MASS COMMUNICATION (4) 大眾傳播史 HISTORY OF MASS COMMUNICATION (4) 傳播研究法 COMMUNICATION RESEARCH METHODS (3) 電影賞析 MOVIE APPRECIATION (2) 新聞學 JOURNALISM (2) 影視藝術概論 INTRODUCTION TO TV AND FILM (3) 電子媒介原理 INTRODUCTION TO ELECTRONIC MEDIA (2) 大眾媒介與社會 MASS MEDIA AND SOCIETY (2) 傳播政策與法規 MEDIA LAWS AND REGULATIONS (2) 傳播倫理 COMMUNICATION ETHIC (2) 當代傳播問題 CONTEMPORARY COMMUNICATION ISSUES (3) 媒介市場分析 THE ANALYSIS OF MEDIA MARKET (3) 畢業作品-論文寫作 GRADUATE PROJECT - THESIS (4) 畢業作品-媒體製作 GRADUATE PROJECT – MEDIA PRODUCTION (4)	ALL COURSES MUST BE PASSED           } Choose one course
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (58)	

GRADUATE CREDITS : 128

# Department of Financial and Computational Mathematics

## – (Division of Computational Mathematics)

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	<b>ALL COURSES MUST BE PASSED</b>
COURSES REQUIRED BY THE DEPARTMENT (50)	微積分 CALCULUS (4-4) 線性代數 LINEAR ALGEBRA (3-3) 數學基礎 FOUNDATION OF MATHEMATICS (3) 機率論 PROBABILITY (3) 代數學 ALGEBRA (3) 統計學 STATISTICS (3) 離散數學(一) DISCRETE MATHEMATICS (I) (3) 數學計算軟體 MATHEMATICAL SOFTWARE (2) 高等微積分(一) ADVANCED CALCULUS (I) (4) 數值分析(一) NUMERICAL ANALYSIS (I) (3) 數值分析(二) NUMERICAL ANALYSIS (II) (3) 常微分方程 ORDINARY DIFFERENTIAL EQUATIONS (3) 偏微分方程 PARTIAL DIFFERENTIAL EQUATIONS (3) 數學模型 MATHEMATIC MODELS (3)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (44)	

GRADUATE CREDITS : 128

# Department of Financial and Computational Mathematics

## – (Financial Engineering)

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6 )    CHINESE 102 ( 6 )    CHINESE 201 ( 6 ) CHINESE 202 ( 6 )    CHINESE 301 ( 3 )    CHINESE 302 ( 3 ) CHINESE 401 ( 2 )    CHINESE 402 ( 2 )	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (59)	微積分 CALCULUS (4-4) 線性代數 LINEAR ALGEBRA (3-3) 經濟學 ECONOMICS (3-3) 數學基礎 FOUNDATION OF MATHEMATICS (3) 機率論 PROBABILITY (3) 統計學 STATISTICS (3) 財務管理(一) FINANCIAL MANAGEMENT (I) (3) 財務隨機過程 FINANCIAL STOCHASTIC PROCESSES (3) 數學計算軟體 MATHEMATICAL SOFTWARE (2) 投資學 INVESTMENT STUDIES (3) 高等微積分(一) ADVANCED CALCULUS (I) (4) 常微分方程 ORDINARY DIFFERENTIAL EQUATIONS (3) 財務數學 MATHEMATICS FOR FINANCE (3-3) 數值分析(一) NUMERICAL ANALYSIS (I) (3) 計算財務(一) COMPUTATIONAL FINANCE(I) (3)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (35)	

GRADUATE CREDITS : 128

# Department of Applied Chemistry

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (58)	普通物理學 GENERAL PHYSICS (6) 普通物理實驗 GENERAL PHYSICS LABORATORY (2) 普通化學 GENERAL CHEMISTRY (6) 普通化學實驗 GENERAL CHEMISTRY LABORATORY (2) 分析化學 ANALYTICAL CHEMISTRY (6) 分析化學實驗 ANALYTICAL CHEMISTRY LABORATORY (2) 有機化學 ORGANIC CHEMISTRY (8) 有機化學實驗 ORGANIC CHEMISTRY LABORATORY (4) 物理化學 PHYSICAL CHEMISTRY (6) 物理化學實驗 PHYSICAL CHEMISTRY LABORATORY (2) 無機化學 INORGANIC CHEMISTRY (6) 儀器分析 INSTRUMENTAL ANALYSIS (6) 儀器分析實驗 LABORATORY PRACTICE IN INSTRUMENTAL ANALYSIS (2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (36)	

GRADUATE CREDITS : 128

## Department of Food and Nutrition – (Nutrition and Health)

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	
COURSES REQUIRED BY THE DEPARTMENT (48)	營養科學概論 INTRODUCTION TO NUTRITION (2) 普通生物學 GENERAL BIOLOGY (2) 有機化學 ORGANIC CHEMISTRY (3) 分析化學 ANALYTICAL CHEMISTRY (3) 食物學原理 FOOD FUNDAMENTALS (2) 生理學 PHYSIOLOGY (3) 生物化學 BIOCHEMISTRY (6) 營養學 (一) NUTRITION (2) 營養學 (二) NUTRITION (2) 食品加工 FOOD PROCESSING (2) 食品衛生安全與法規 FOOD SANITATION, SAFETY, AND REGULATIONS (2) 食品化學 FOOD CHEMISTRY (3) 膳食計畫與供應 MEAL PLANNING & SERVICE (2) 膳食療養學 THERAPEUTIC NUTRITION (6) 生命期營養 (一) NUTRITION AND LIFESPAN (2) 生命期營養 (二) NUTRITION AND LIFESPAN (2) 團體膳食管理 QUANTITY FOOD MANAGEMENT (2) 公共衛生營養 PUBLIC HEALTH NUTRITION (3)	<b>ALL COURSES MUST BE PASSED</b>
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (46)	

GRADUATE CREDITS : 128

## Department of Food and Nutrition — (Food Science and Biotechnology)

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (48)	食品科學概論 INTRODUCTION TO FOOD (2) 普通生物學 GENERAL BIOLOGY (2) 有機化學 ORGANIC CHEMISTRY (3) 分析化學 ANALYTICAL CHEMISTRY (3) 食品工程導論 INTRODUCTION TO FOOD ENGINEERING (2) 生物化學 BIOCHEMISTRY (4) 食品化學 (一) FOOD CHEMISTRY (3) 食品化學 (二) FOOD CHEMISTRY (3) 食品加工 (一) FOOD PROCESSING (2) 食品加工 (二) FOOD PROCESSING (2) 營養學 NUTRITION (3) 微生物學 MICROBIOLOGY (3) 生物統計 BIostatISTICS (3) 食品分析與檢驗 FOOD ANALYSIS AND INSPECTION (3) 食品微生物學 FOOD MICROBIOLOGY (3) 食品衛生安全與法規 FOOD SANITATION, SAFETY, AND REGULATIONS (2) 分子生物學導論 INTRODUCTION TO MOLECULAR BIOLOGY (3) 分子生物技術學 MOLECULAR BIOTECHNOLOGY (2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (46)	

GRADUATE CREDITS : 128

# Department of Cosmetic Science

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	
COURSES REQUIRED BY THE DEPARTMENT (46)	基礎化學 BASIC CHEMISTRY (3) 基礎化學實驗 BASIC CHEMISTRY LABORATORY (1) 化粧品商品設計 PRODUCT DESIGN FOR COSMETICS (2) 化粧品科學概論 INTRODUCTION TO SCIENCE OF COSMETICS (2) 生理學 PHYSIOLOGY (2) 有機化學 ORGANIC CHEMISTRY (3) 有機化學實驗 ORGANIC CHEMISTRY LABORATORY (1) 分析化學 ANALYTICAL CHEMISTRY (3) 分析化學實驗 ANALYTICAL CHEMISTRY LABORATORY (1) 化粧品皮膚科學 SKIN CARE AND BEAUTY THERAPY (2) 化粧品皮膚科學實習 PRACTICE IN SKIN CARE AND BEAUTY THERAPY (1) 化粧品原料化學 COSMETIC MATERIAL CHEMISTRY (2-2) 香料化學 PERFUME CHEMISTRY (2) 香料化學實驗 PERFUME CHEMISTRY (1) 界面化學 SURFACE CHEMISTRY (2) 界面化學實驗 SURFACE CHEMISTRY (1) 彩粧藝術學 THE ART OF MAKE-UP (2) 彩粧藝術學實習 PRACTICE IN THE ART OF MAKE-UP (1) 化粧品調製學 COSMETIC MANUFACTURE (2-2) 化粧品調製學實驗 COSMETIC MANUFACTURE LABORATORY (2) 化粧品檢驗學 COSMETIC ANALYSIS (2-2) 化粧品檢驗學實驗 COSMETIC ANALYSIS LABORATORY (1-1)	ALL COURSES MUST BE PASSED
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (48)	

GRADUATE CREDITS : 128

# Department of Statistics and Informatics Science

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (46)	微積分 CALCULUS (4-4) 線性代數 LINEAR ALGEBRA (3-3) 機率論 PROBABILITY (3) 經濟學概論 INTRODUCTION TO ECONOMICS (3) 統計軟體應用 STATISTICAL SOFTWARE PACKAGES (3) 迴歸分析 REGRESSION ANALYSIS (3) 科學計算專題 TOPICS IN SCIENTIFIC COMPUTING (3) 統計學 STATISTICS (3-3) 數理統計(一) MATHEMATICAL STATISTICS (1) (3) 數理統計(二) MATHEMATICAL STATISTICS (2) (3) 實驗設計 EXPERIMENTAL DESIGN (3) 科學計算導論 INTRODUCTION TO SCIENTIFIC COMPUTING (2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (48)	

GRADUATE CREDITS : 128

# Department of Business Administration

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (58)	企業概論 INTRODUCTION TO BUSINESS (2) 管理學 MANAGEMENT (3) 初級會計學 ACCOUNTING (6) 經濟學 ECONOMICS (6) 微積分 CALCULUS (6) 管理數學 MANAGERIAL MATHEMATICS (3) 統計學 STATISTICS (6) 行銷管理 MARKETING MANAGEMENT (3) 組織行為 ORGANIZATION BEHAVIOR (3) 企業倫理 BUSINESS ETHICS (2) 人力資源管理 HUMAN RESOURCE MANAGEMENT (3) 財務管理 FINANCIAL MANAGEMENT (3) 作業管理 OPERATIONS MANAGEMENT (3) 管理科學 MANAGEMENT SCIENCES (3) 資訊管理 INFORMATION MANAGEMENT (3) 策略管理 STRATEGIC MANAGEMENT (3)	
ELECTIVE COURSES	1. ELECTIVE COURSE REQUIRED: COMMERCIAL LAW (2) 2. ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTERS. (36)	

GRADUATE CREDITS : 128

# Department of International Business

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (48)	經濟學 ECONOMICS (3-3) 初級會計學 ACCOUNTING (3-3) 貨幣銀行學 MONEY & BANKING (3) 行銷管理 MARKETING MANAGEMENT (3) 國際企業管理 INTERNATIONAL BUSINESS MANAGEMENT (3) 財務管理 FINANCIAL MANAGEMENT (3) 國際貿易理論與政策 INTERNATIONAL TRADE THEORY (3) 商情資料處理與分析 BUSINESS INFORMATION, DATA PROCESSING AND ANALYSIS (3) 國際行銷 INTERNATIONAL MARKETING (3) 國際金融 INTERNATIONAL FINANCE (3) 國際經貿法規 INTERNATIONAL TRADE LAW (3) 國際人力資源管理 INTERNATIONAL HUMAN RESOURCE MANAGEMENT (3) 國際企業經營策略 INTERNATIONAL BUSINESS STRATEGIES (3) 國際財務管理 INTERNATIONAL FINANCIAL MANAGEMENT (3)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (46)	

GRADUATE CREDITS : 128

# Department of Accounting

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (58)	初級會計學 ACCOUNTING (3-3) 中級會計學 INTERMEDIATE ACCOUNTING (3-3) 財務會計專題 TOPICS IN FINANCIAL ACCOUNTING (3) 成本會計 COST ACCOUNTING (3-3) 稅務法規 RULES OF TAXATION (2-2) 審計學 AUDITING (3-3) 經濟學 ECONOMICS (3-3) 統計學 STATISTICS (3-3) 會計資訊系統 ACCOUNTING INFORMATION SYSTEMS (3) 管理決策會計 MANAGEMENT ACCOUNTING (3) 財務管理 FINANCIAL MANAGEMENT(3) 高級會計學 ADVANCED ACCOUNTING (3-3)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (36)	

GRADUATE CREDITS : 128

# Department of Tourism

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (50)	初級會計學 ACCOUNTING (3-3) 經濟學 ECONOMICS (3-3) 企業管理 BUSINESS MANAGEMENT (3) 觀光學概要 INTRODUCTION TO TOURISM (2-2) 心理學 PSYCHOLOGY (3) 統計學 STATISTICS (3-3) 餐館管理 RESTAURANT MANAGEMENT (3) 旅館管理 HOTEL MANAGEMENT (3) 旅運經營學 TRAVEL OPERATIONS AND MANAGEMENT (3) 觀光資源規劃 TOURISM RESOURCES PLANNING (2-2) 觀光行銷學 TOURISM MARKETING (3) 人力資源管理 HUMAN RESOURCE MANAGEMENT (3) 觀光專題研討 TOURISM RESEARCH STUDY (1) 觀光行政法規 TOURISM ADMINISTRATION REGULATIONS (2)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (44)	

GRADUATE CREDITS : 128

# Department of Finance

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)    CHINESE 102 ( 6)    CHINESE 201 ( 6) CHINESE 202 ( 6)    CHINESE 301 ( 3)    CHINESE 302 ( 3) CHINESE 401 ( 2)    CHINESE 402 ( 2)	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (48)	微積分 CALCULUS (3-0) 經濟學 ECONOMICS (3-3) 會計學 ACCOUNTING (3-3) 統計學 STATISTICS (3-3) 財務管理 (一) FINANCIAL MANAGEMENT (I) (3) 財務管理 (二) FINANCIAL MANAGEMENT (II) (3) 個體經濟學 MICROECONOMICS (3) 財務報表分析 ACCOUNTING STATEMENT ANALYSIS (3) 貨幣銀行學 MONEY AND BANKING (3) 投資學 INVESTMENT STUDIES (3) 金融市場 FINANCIAL MARKETS (3) 期貨與選擇權 FUTURES AND OPTIONS (3) 國際財務管理 INTERNATIONAL FINANCIAL MANAGEMENT (3)	
ELECTIVE COURSES	ELECTIVE COURSES, GE COURSES, AND PE COURSES VARY DEPENDING ON THE SEMESTER. (46)	

GRADUATE CREDITS : 128

# Department of Computer Science and Information Management

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6 )    CHINESE 102 ( 6 )    CHINESE 201 ( 6 ) CHINESE 202 ( 6 )    CHINESE 301 ( 3 )    CHINESE 302 ( 3 ) CHINESE 401 ( 2 )    CHINESE 402 ( 2 )	ALL COURSES MUST BE PASSED
COURSES REQUIRED BY THE DEPARTMENT (39)	計算機概論 (一) INTRODUCTION TO COMPUTER SCIENCE (I) (2) 計算機概論 (二) INTRODUCTION TO COMPUTER SCIENCE (II) (2) 資料結構 DATA STRUCTURE (3) 作業系統 OPERATING SYSTEM (3) 專案實作 (一) SPECIAL PROJECT (I) (2) 專案實作 (二) SPECIAL PROJECT (II) (2) 管理學 MANAGEMENT (3) 統計學 STATISTICS (6) 資訊管理導論 INTRODUCTION TO INFORMATION MANAGEMENT (3) 軟體設計與開發 SOFTWARE DESIGN AND DEVELOPMENT (3) 資料庫管理 DATABASE MANAGEMENT (3) 系統分析與設計 SYSTEM DESIGN AND ANALYSIS (3) 計算機程式設計(一) COMPUTER PROGRAMMING(I) (2) 計算機程式設計(二) COMPUTER PROGRAMMING(II) (2)	
ELECTIVE COURSES	1. Students should at least take one of the following four courses: <u>Computer Application</u> , <u>Electronic Commerce</u> , <u>Enterprise Resource Planning</u> , <u>Digital Content Management</u> , and <u>Computer Software</u> . 2. Elective courses, GE courses, and PE courses vary depending on the semester. (55)	Please consult “The courses of the College of Computing and Informatics”.

GRADUATE CREDITS : 128

# Department of Science and Information Engineering

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 ( 6)      CHINESE 102 ( 6)      CHINESE 201 ( 6) CHINESE 202 ( 6)      CHINESE 301 ( 3)      CHINESE 302 ( 3) CHINESE 401 ( 2)      CHINESE 402 ( 2)	
COURSES REQUIRED BY THE DEPARTMENT (41)	計算機概論 (一) INTRODUCTION TO COMPUTER SCIENCE (I) (2) 計算機概論 (二) INTRODUCTION TO COMPUTER SCIENCE (II) (2) 資料結構 DATA STRUCTURE (3) 作業系統 OPERATING SYSTEM (3) 專案實作 (一) SPECIAL PROJECT (I) (2) 專案實作 (二) SPECIAL PROJECT (II) (2) 線性代數 LINEAR ALGEBRA (3) 離散數學 DISCRETE MATHEMATICS (3) 基本電學 ELECTRICAL FUNDAMENTALS (3) 邏輯設計 LOGIC DESIGN (3) 組合語言與系統程式 SYSTEMS PROGRAMMING (3) 演算法概論 ALGORITHM (3) 計算機組織學 COMPUTER ORGANIZATION AND ARCHITECTURES (3) 計算機程式設計(一) COMPUTER PROGRAMMING(I) (2) 計算機程式設計(二) COMPUTER PROGRAMMING(II) (2) 工程倫理 ENGINEERING ETHICS (2)	ALL COURSES MUST BE PASSED
ELECTIVE COURSES	1. Students should at least take one of the following four courses: <u>Computer Software</u> , <u>Computer Hardware</u> , <u>Computer Application</u> , and <u>Network Telecommunication</u> . 2. Elective courses, GE courses, and PE courses vary depending on the semester. (53)	Please consult “The courses of the College of Computing and Informatics”.

GRADUATE CREDITS : 128

# Department of Computer Science and Communication Engineering

	SUBJECT ( CREDITS )	STATEMENT
COURSES REQUIRED BY THE UNIVERSITY	CHINESE 101 (6) CHINESE 102 (6) CHINESE 201 (6) CHINESE 202 (6) CHINESE 301 (3) CHINESE 302 (3) CHINESE 401 (2) CHINESE 402 (2)	
COURSES REQUIRED BY THE DEPARTMENT (36)	計算機概論 (一) INTRODUCTION TO COMPUTER SCIENCE (I) (2) 計算機概論 (二) INTRODUCTION TO COMPUTER SCIENCE (II) (2) 資料結構 DATA STRUCTURE (3) 作業系統 OPERATING SYSTEM (3) 專案實作 (一) SPECIAL PROJECT (I) (1) 專案實作 (二) SPECIAL PROJECT (II) (1) 資訊傳播導論 INTRODUCTION TO COMPUTER COMMUNICATION (3) 網頁程式設計 WEB PROGRAMMING (3) 離散數學 DISCRETE MATHEMATICS (3) 數位媒體設計 DESIGN OF DIGITAL MEDIA (3) 網路通訊概論 INTRODUCTION TO NETWORK COMMUNICATION (3) 多媒體程式設計 MULTIMEDIA PROGRAM DESIGN (3) 計算機程式設計(一) COMPUTER PROGRAMMING(I) (2) 計算機程式設計(二) COMPUTER PROGRAMMING(II) (2) 數位作品實作 DIGITAL MEDIA DESIGN PRACTICE (1) 進階數位作品實作 ADVANCED DIGITAL MEDIA DESIGN PRACTICE (1)	ALL COURSES MUST BE PASSED
ELECTIVE COURSES	1. Students should at least take one of the following four programs: <u>Media Integration Technology</u> , <u>Network Telecommunication</u> , <u>Digital Content Management</u> and <u>Computer Software</u> . 2. Elective courses, GE courses, and PE courses vary depending on the semester. (58)	Please consult “The courses of the College of Computing and Informatics”.

GRADUATE CREDITS : 128