亞洲大學行動商務與多媒體應用學系學士班課程規劃表(113學年度入學適用)
Undergraduate Curriculum Plan for Department of M-Commerce and Multimedia Applications, Asia University
(Applicable for Fall 2024 Enrollees)

畢業總學分：128 學分　　　　　　　　　　　　　　　校課程委員會通過次別：1124
Credits of Graduation：128　　　　　　Approved in the 1124 University Curriculum Committee meeting

類別 Category			科目名稱 Course Title	英文名稱 English Title	修課年級 Year of the Program	修課學期 Semester	學分數 Credits	每週上課時數 Hours per week			備註 Remarks
								講授 Lecture	實作(驗) Practice (laboratory)	實習 Intern	
(30) University Required Credits	(22) Program Required Credits 基礎通識 22 學分	中文領域 Chinese Category (4 學分) (4 Credits)	中文鑑賞與思辨	Chinese Appreciation and Critical Thinking	一 1st	上 1st	2	2	0	0	
			中文表達與應用	Chinese Expression and Application	一 1st	下 2nd	2	2	0	0	
		英文領域 English Category (8 學分) (8 Credits)	共通英語文(一)	English for General Purposes (1)	一 1st	上 1st	3	3	0	0	
			共通英語文(二)	English for General Purposes (2)	一 1st	下 2nd	3	3	0	0	
			共通專業英語文：醫護英文	English for General Specific Purposes: English for Medical and Nursing Purposes	二 2nd	上、下 1st, 2nd	2	2	0	0	醫學暨健康學院 College of Medical and Health Sciences
			共通專業英語文：科技英文	English for General Specific Purposes: English for Science and Technology							護理學院 College of Nursing 資訊電機學院 College of Information and Electrical Engineering
			共通專業英語文：商管英文	English for General Specific Purposes: Business English							管理學院 College of Management
			共通專業英語文：設計英文	English for General Specific Purposes: English for Creative Design							創意設計學院 College of Creative Design
			共通專業英語文：社科簡報英文	English for General Specific Purposes: English for Presentation for Social Sciences							人文社會學院 College of Humanities and Social Sciences
		程式領域 Information Category (4 學分) (4 Credits)	資訊科技概論	Introduction to Information Technology	一 1st	上 1st	2	2	0	0	1. 資訊科技概論，為資訊學院必修科目。 Introduction to Information Technology is a required course for students in College of Information and Electrical Engineering. 2. 非資訊學院可二選一。 Students not in the College of Information and Electrical Engineering may choose 1 out of 2.
			資訊與科技	Information and Technology							
			程式設計與智慧應用	Computer Programming and Artificial Intelligence Application	一 1st	下 2nd	2	2	0	0	
		歷史領域 History Category (2 學分) (2 Credits)	歷史與文化	History and Culture	一 1st	下 2nd	2	2	0	0	
		藝術領域 Esthetics Category (2 學分) (2 Credits)	設計思考與創新	Design Thinking and Innovation	一 1st	上 1st	2	2	0	0	(二選一) Choose 1 out of 2
			美學素養	Esthetics accomplishment							
		永續領域 Sustainable Category (2 學分) (2 Credits)	永續發展與實踐(一)	Sustainable Development and Practice (1)	一 1st	上 1st	1	1	0	0	
			永續發展與實踐(二)	Sustainable Development and Practice (2)	一 1st	下 2nd	1	1	0	0	
	體育 Physical Program		體育(一)～(四)	Physical Education (1)~(4)	一~二 1st ~ 2nd	上、下 1st, 2nd	0	2	0	0	

類別 Category		科目名稱 Course Title	英文名稱 English Title	修課年級 Year of the Program	修課學期 Semester	學分數 Credits	每週上課時數 Hours per week			備註 Remarks
							講授 Lecture	實作(驗) Practice (laboratory)	實習 Intern	
	(8) 博雅通識 8 學分 (8) Program Elective Credits	博雅課程 (人文類、社會類、自然類、生活類)	General Required (Core) Courses (Categories: Humanities, Society, Nature, Life)	一~四 1st ~ 4th	上、下 1st, 2nd	8	8	0	0	1. 博雅課程分為四類: (1)人文類-1 (2)社會類-2 (3)自然類-3 (4)生活類-4 General Required (Core) Courses are divided into 4 categories: (1) Humanities, (2) Society, (3) Nature, and (4) Life. 2. 每一類至少須選修 2 學分(共 8 學分);亦可以修習通識微學分課程,或通識認可之自主學習課程認抵之。 Students are required to take at least 2-credit course from each category (8 credits in total); Students could take General Micro-credit Course or Self-Study Course approved by the Center for General Education for credit waiver/transfer. 3. 須於畢業前修畢 8 學分,每學分皆須上滿 18 週。 Students are required to complete 8 credits of General Required (Core) Courses before graduation.
涵養教育 Cultivation Education	General Lectures (Required) 通識講座	通識涵養教育 (健康、關懷、創新、卓越)	General Literacy Series (Domains of Literacy: Healthy, Care, Innovation, Excellence)	一~四 1st ~ 4th	上、下 1st, 2nd	0	0	0	0	1. 在學期間,學生可自由參與校內任何通識認證活動,不限場次。至少參與 8 次。 Students are required to participate in at least 8 campus activities approved by the Center for General Education. 2. 每一素養至少達到 2 次:健康 2 次、關懷 2 次、創新 2 次、卓越 2 次。 Students are required to attend at least 2 lectures from the 4 domains of Literacy: Healthy, Care, Innovation, Excellence. 3. 畢業前須完成上述 2 項。 Student must complete the above for graduation.

類別 Category		科目名稱 Course Title	英文名稱 English Title	修課年級 Year of the Program	修課學期 Semester	學分數 Credits	每週上課時數 Hours per week			備註 Remarks
							講授 Lecture	實作(驗) Practice (laboratory)	實習 Intern	
(9) 院核心課程 9 學分 College Core Courses		基礎程式設計	Fundamental Computer Programming	一 1st	上 1st	3	3	0	0	
		人工智慧與雲端應用	Artificial Intelligence and Cloud Applications	二 2nd	下 2nd	3	3	0	0	
		★畢業專題(一)	Graduation Projects (I)	三 3rd	下 2nd	1	0	0	0	同意專案役男於二下修讀 UMSA can study in 2nd Gr. 2nd Sem.
		★畢業專題(二)	Graduation Projects (II)	四 4th	上 1st	1	0	0	0	同意專案役男於三上修讀 UMSA can study in 3rd Gr.1st Sem.
		★資訊研討	Information Technology Seminar	四 4th	下 2nd	1	1	0	0	同意專案役男於三下修讀 UMSA can study in 3rd Gr. 2nd Sem.
(39) 系核心課程 39 學分 Departmental Core Courses		多媒體導論	Introduction to Multimedia	一 1st	上 1st	3	3	0	0	
		行動商務概論	Introduction to M-Commerce	一 1st	上 1st	3	3	0	0	
		智慧多媒體應用實務	Smart Multimedia Practices	一 1st	下 2nd	3	3	0	0	
		工程倫理暨資訊法律與服務	Engineering Ethic and Information Law and Services	一 1st	下 2nd	3	3	0	0	
		資訊數學	Information Mathematics	一 1st	下 2nd	3	3	0	0	
		離散數學	Discrete Mathematics	二 2nd	上 1st	3	3	0	0	
		機率與統計	Probability and Statistics	二 2nd	上 1st	3	3	0	0	
		資料庫概論	Fundamentals of Database	二 2nd	上 1st	3	3	0	0	
		網頁系統開發	Web-Based System Development	二 2nd	下 2nd	3	3	0	0	
		計算機網路概論	Introduction to Computer Networks	三 3rd	上 1st	3	3	0	0	
		資訊安全與管理	Information Security and Administration	三 3rd	上 1st	3	3	0	0	
		軟體工程導論	Introduction to Software Engineering	三 3rd	下 2nd	3	3	0	0	
		作業系統	Operating Systems	三 3rd	下 2nd	3	3	0	0	
(27) 系專業選修學程 27 學分 Department Professional Program	媒體整合學程 Program of Multimedia Integration	影像與視訊處理	Image and Video Processing	二 2nd	上 1st	3	3	0	0	實務型 Practical Courses
		電腦動畫	Computer Animation	二 2nd	上 1st	3	3	0	0	實務型 Practical Courses
		多媒體應用系統	Multimedia Application Systems	二 2nd	下 2nd	3	3	0	0	實務型 Practical Courses
		電腦圖學與 3D 動畫	Computer Graphics and 3D Animation	二 2nd	下 2nd	3	3	0	0	實務型 Practical Courses
		數位音效錄製與剪輯	Digital Audio Recording and Editing	三 3rd	上 1st	3	3	0	0	實務型 Practical Courses
		虛擬與擴增實境	Virtual Reality and Augmented Reality	三 3rd	上 1st	3	3	0	0	實務型 Practical Courses
		遊戲程式設計	Computer Game Programming	三 3rd	下 2nd	3	3	0	0	實務型 Practical Courses
		★互動程式設計	Interactive Computer Programming	四 4th	上 1st	3	3	0	0	實務型 Practical Courses 同意專案役男於三上修讀 UMSA can study in 3rd Gr.1st Sem.
		★人機互動設計	Human-Machine Interaction Design	四 4th	下 2nd	3	3	0	0	學術型 Academic Courses 同意專案役男於三下修讀 UMSA can study in 3rd Gr. 2nd Sem.
	行動商務學程 Program of M-Commerce	管理資訊系統	Management Information Systems	二 2nd	上 1st	3	3	0	0	學術型 Academic Courses
		電子商務	Electronic Commerce	二 2nd	下 2nd	3	3	0	0	實務型 Practical Courses
		顧客關係管理	Customer Relationship Management	二 2nd	下 2nd	3	3	0	0	實務型 Practical Courses
		行動軟體設計	Mobile Software Programming	三 3rd	上 1st	3	3	0	0	學術型 Academic Courses
		生產與作業管理	Production and Operations Management	三 3rd	下 2nd	3	3	0	0	實務型 Practical Courses
		企業資源規劃	Enterprise Resource Planning	三 3rd	下 2nd	3	3	0	0	實務型 Practical Courses
		★資料倉儲與資料探勘	Data Warehousing and Data Mining	四 4th	上 1st	3	3	0	0	學術型 Academic Courses 同意專案役男於三上修讀 UMSA can study in 3rd Gr.1st Sem.
		★供應鏈管理	Supply Chain Management	四 4th	上 1st	3	3	0	0	學術型 Academic Courses 同意專案役男於三上修讀 UMSA can study in 3rd Gr.1st Sem
		★網路行銷	Internet Marketing	四 4th	下 2nd	3	3	0	0	實務型 Practical Courses 同意專案役男於三下修讀 UMSA can study in 3rd Gr. 2nd Sem.

類別 Category		科目名稱 Course Title	英文名稱 English Title	修課年級 Year of the Program	修課學期 Semester	學分數 Credits	每週上課時數 Hours per week			備註 Remarks
							講授 Lecture	實作(驗) Practice (laboratory)	實習 Intern	
Department Elective Courses	系自由選修課程	★物件導向程式設計[C#]	Object-Oriented Programming[C#]	二~四 2nd ~ 4th	上、下 1st, 2nd	3	3	0	0	
		★多媒體數位學習	Multimedia Digital Learning	二~四 2nd ~ 4th	上、下 1st, 2nd	3	3	0	0	同意專案役男於二~三年級修讀 UMSA can study in 2nd ~3rd Grade.
		★數位教材設計與製作	Design and Production of Digital Teaching Materials	二~四 2nd ~ 4th	上、下 1st, 2nd	3	3	0	0	
		★行動學習	Mobile Learning	二~四 2nd ~ 4th	上、下 1st, 2nd	3	3	0	0	
		★行動服務應用	Mobile Service Applications	二~四 2nd ~ 4th	上、下 1st, 2nd	3	3	0	0	
		★數位學習概論	Introduction to Digital Learning	二~四 2nd ~ 4th	上、下 1st, 2nd	3	3	0	0	
		★軟體測試	Software Testing	三~四 3rd ~ 4th	上、下 1st, 2nd	3	3	0	0	同意專案役男於三年級修讀 UMSA can study in 3rd Grade.
		★視窗程式設計	Windows Programming	三~四 3rd ~ 4th	上、下 1st, 2nd	3	3	0	0	
		★系統分析與設計	Systems Analysis and Design	三~四 3rd ~ 4th	上、下 1st, 2nd	3	3	0	0	
		★網站系統建置與規劃	Website Building and Planning	三~四 3rd ~ 4th	上、下 1st, 2nd	3	3	0	0	
Internship Program	分流實習課程	★企業實習(一)(7+1 分流)	Enterprise Internship (I)	四 4th	上 1st	2	N/A	N/A	See remarks for details	同意專案役男於三上修讀 UMSA can study in 3rd Gr.1st Sem. 1. 每1實習學分以不低於60小時、不超過80小時為原則。 Each internship credit shall be based on a minimum of 60 hours and a maximum of 80 hours. 2. 每學期以不超過9學分「不超過720小時」為限。 The total number of credits per semester shall not exceed 9, with a maximum of 720 hours. 3. 實習學分列入畢業學分以不超過18學分「不超過1440小時」為原則。 Internship credits counted toward graduation requirements shall be limited to a maximum of 18 credits, not exceeding 1,440 hours in total.
		★企業實習(二)(7+1 分流)	Enterprise Internship (II)	四 4th	上 1st	2	N/A	N/A	See remarks for details	
Interdepartmental Specialization Program::Multimedia Commerce management	他系多媒體商務管理專長學程 (15) 15學分	多媒體導論	Introduction to Multimedia	一 1st	上 1st	3	3	0	0	他系學生修得15學分者，即核給該學程之專長 Students who complete 15 credits will be awarded the specialization program.
		資料庫概論	Fundamentals of Database	二 2nd	上 1st	3	3	0	0	
		電子商務	Electronic Commerce	二 2nd	下 2nd	3	3	0	0	
		電腦動畫	Computer Animation	二 2nd	上 1st	3	3	0	0	
		電腦圖學與 3D 動畫	Computer Graphics and 3D Animation	二 2nd	下 2nd	3	3	0	0	

註一：學生含通識課程應修畢 128 學分，需修習「校定必修」30 學分，「以院為教學核心課程」9 學分，本系「系核心課程」39 學分、本系一個主修「專業學程」及另一個他系「專長學程」或「跨領域學程」或取得「次專長」，始能畢業，不足畢業學分數，請從本系另一非主修「專業學程」或自由選修中修習學分補足之。

Note 1: Students must complete a total of 128 credits, including general education courses, to graduate. This includes 30 credits of "University Required Courses," 9 credits of "College Core Courses," 39 credits of "Department Core Courses," one major "Specialization Program" from this department, and one "Interdepartmental Specialization Program".   Any remaining credits required for graduation should be completed through taking courses from another non-major "Specialization Program" within this department or taking elective courses.

註二：針對本系核心學程、專業選修學程及以院為教學核心課程第一次修課需在本系上課，不得至非本系修課，如違反規定者必須自行擔負學分不被承認可能結果。第二次修課由學生填寫課程學分認定申請單並經系主任同意，使可跨學制、學系修習課程（其餘請詳閱本校課程學分認定申請單之注意事項）。

Note 2: For the department's core courses, specialized elective courses, and college core courses, students must take these courses within the department for the first attempt.   Taking these courses in another department is not allowed.   If this rule is violated, students must bear the risk of their credits not being recognized.   For the second attempt, students must submit a "Credit Recognition Application Form" and obtain approval from the department chair before they can take courses from other departments or academic programs. (Please refer to the instructions on the "Credit Recognition Application Form" of Asia University for details.)"

註三：全校跨領域學程網頁介紹，請參考 https://ac.asia.edu.tw/zh_tw/跨域學習。

Note 3: For information about the "Interdepartmental Specialization Program", please refer to the following website "https://ac.asia.edu.tw/zh_tw/跨域學習".

註四：★符號表示：同意學生就學期間申請專案服役者(簡稱專案役男)該課程彈修讀，修讀方式已加註於備註欄(包含修讀學年期)。

Note 4: The ★ symbol indicates that for students who have applied for special military service during their studies, the course can be taken flexibly. Details about the flexible study options, including the academic year and term, are noted in the remarks section.

系所主管簽章：   學院院長簽章：