商業智慧學院博士班 112學年度入學課程結構規劃表 2023 Curricula for the Ph.D. Program in Business Intelligence School

## 14 18 18 18 18 18 18 18	課程類別			Academic Year	二年級 2nd Academic Year						三年級 3rd Academic Year										
																	第一學期				
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### PART																					
***					Credits	Hours		Credits	Hours	S Course Name	Credits	Hours	Course Name	Credits	Hours		Credits	Hours		Credits	Hours
### Part		必修課程(12)														論文		_	論文		_
### Part ##					3	3		3	3							Thesis	6	6	Thesis	6	6
Part		110411111														1110010			THESIS		
Part		共同選修課程 Comr	non Elective	商務經營管理策略																	
### 1		•		Business Strategy	3	3		3	3												
	_																				
A Part And And Andrews 2				研究方法			人工智慧專題														
Aminos Andron			古比松细和		3	3	Saminar in artificial	3	3	Artificial intelligence	3	3									
Part				Research Methodology	. 3	3		3	3	and IoT application	3	3									
							intenigence			systems											
## Parameter P			Courses	多變量分析	2	3															
Section of mellingers 2 2 2 3 Advanced by Number 2 2 3 Section 1 Number 2 2 3 Section				Multivariate Analysis	3	3															
Some and minusers So				智慧商務專題			資料探勘研究			雲端運算專論			智聯網創新應用研究								
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					3	3	Advanced Data Mining	3	3	-	3	3	Artificial Intelligence of	3	3						
Part	、肥 /女			commerce						Cloud Computing			Things								
Company A (freeligner Co		田伽(知转立次)		深度學習			機器學習專題			商業資料分析			電子商務研究								
A	Elective				3	3	Seminars in Machine	3	3		3	3		3	3						
Paul Comment		1 \		Deep Learning			Learning			Business data analysis			Electronic Commerce								
*** *** *** *** *** *** *** *** *** **		*	Professional	雲端商務應用			_			AI金融數據分析			智慧零售								
Folk					3	3		3	3		3	3		3	3						
Management M													Smart Retailing								
Business Innovation Research				企業創新研究			_			J			質性研究								
Recarch					3	3		3	3					3	3						
表と表が多数							_						Qualitative Study								
Fransformation and 3 3 Seminar On Financial 3 3 Seminar On Financial 4 Apphication Apphicati																					
Immovation					3	3		3	3												
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Research Methodology							名戀 昌 分析			質性研究											
Multivariate Analyses					3	3	2	3	3		3	3									
Methodology 1 要 方法				Research Methodology			Multivariate Analysis			Qualitative Study		-									
Courses Ountitative Method				計量方法						行销研究											
					3	3				Marketing Research	3	3									
Methodology 3 3			004150	*						marketing research											
					3	3															
管理研究				-			期 														
Hospitality Organizational Behavior Studies Management Studies Management Studies Management Studies Management Studies Management Management Studies Management Manageme				餐旅業組織行為						觀光與文化研究			餐旅管理個案研討								
Organizational Behavior Studies Studies Studies Studies Studies Studies Studies Studies Management Studies Studies Management Management Management Hospitality Gustiers Tourism and Hospitality Management Studies Management Management Management Studies Management Management Studies Management Studies Management Management Studies Management Management Studies Management Studies Management Studies Management Management Studies Management Management Studies Management Studies Management Management Studies Management Man				Hospitality	3	3		3	3		3	3		3	3						
Behavior Financial Management Studies Management Agreement Agricults Management Man					5	3	1 2	5	J		5	5		3	J						
製売登餐旅産業全面 現代 製売							Financial Management			Studies			Management								
資務學理							期北既然故产世入工			朝北既然旅行似明明											
Global Hospitality 3 3 Total Quality Control 3 3 Marketing Issues in Tourism and Human Resource Management 规光餐餐業育會有 為研究 特殊與趣報光 特殊與趣報光 超研計 Courism Anagement 特別節慶活動管理研 計 Tourism Anagement 特別節慶活動管理研 計 Tourism Theory 型應應 Management 概和agement 概和agement 概和agement 特別節慶活動管理研 計 Tourism Theory 型應應 Management 概和agement 概述是餐樣政策與策略議題研計 Tourism and Regional Programming and Hospitality Policy and													美食觀光研究								
Human Resource Management Hospitality Hospitality Between					3	3		3	2		3	3		3	3						
Management Hospitality					5	5	•	5	5		J	5		5	J						
現光餐飲業作業管理 観光豎餐旅消費者行 特殊興趣觀光 観光豎餐旅產業現代議題研討 Tourism/Hospitality 3 3 Tourism and 3 3 Special Interests Tourism and Hospitality Industries Tourism and Hospitality Tourism and Hospitality Tourism and Hospitality Tourism and Tou													Gastronomic Tourism								
現光餐飲業作業官理										Hospitality			朝业既然故玄安田儿垟								
Tourism/Hospitality 3 3 Tourism and Special Interests Tourism and Hospitality Tourism and Hospitality Special Interests Tourism and Hospitality Industries Special Interests Tourism and Hospitality Special Interests Tourism and Hospitality Specia				觀光餐飲業作業管理						特殊興趣觀光											
選修 ElectiveGroups B(Tourism and HospitalityHospitality Consumer BehaviorHospitality Consumer BehaviorSpecial Interests TourismTourism and Hospitality Industries乙組(觀光與餐旅管理) 選修 Elective3 初知 				Tourism/Ucanitalita	2	2		2	2		2	2		2	2						
Management Behavior Industries Indu					3	3		3	3		3	3		3	3						
達修 ElectiveGroups B(Tourism and ElectiveTourism Development3 観光專業的管理研訪 Topics On Event Management調光專業理論 Tourism Theory主題旅館及渡假區開 不 Theme Hotel and Resort Management 觀光暨餐旅政策與策 略議題研討透應 ElectiveTourism Development Hospitality3 遊憩活動企劃與管理3 遊憩活動企劃與管理3 遊憩活動企劃與管理3 				_						Tourism											
計Topics On Event							Deliaviol			十期长龄卫派加后明			muusuics								
選修 Groups B(Tourism and Elective Tourism Development 3 3 3 3 3 3 3 3 3 3 7 7 7 7 7 7 7 7 7 8 7 8				村別即慶店勁官埋研			觀光專業理論														
選修 Groups B(Tourism and Elective Hospitality Tourism Development 3 3 Resort Management Besort Management 觀光暨餐旅政策與策略議題研討 Tourism Development 3 3 Recreation 3 3 Tourism and Aregional 3 3 Hospitality Policy and				可 Taming On English	3	3		3	3		3	3									
選修 ElectiveGroups B(Tourism and HospitalityTourism Development33Recreation 遊憩活動企劃與管理33Recreation 				_			Tourism Theory														
選修Groups B(Tourism and ElectiveHospitalityTourism Development33Recreation33Tourism and Begional33HospitalityHospitalityHospitality Policy and				ivianagement			•														
選修 Groups B(Tourism and Elective Hospitality and Regional Programming and Hospitality Policy and		力加(物小水和小炒一)		觀光發展與地方創生			遊憩活動企劃與管理														
Elective Hospitality and Regional Programming and Hospitality Policy and					2	2		2	2		2	2									
					3	3		3	3		3	3									
Management Strategy Issues	Elective																				
		ivianagement)	l	Kevitalization			ivianagement			Strategy Issues											

商業智慧學院博士班 112學年度入學課程結構規劃表 2023 Curricula for the Ph.D. Program in Business Intelligence School

				-級 1st A	Academic Year					年級 2nc	1 Academic Year	三年級 3rd Academic Year					
	課程類別 Course Category		第一學期 Semester 1			第二學	第一學期			第二學其			一學期		_學期		
						Semeste			Semest		1	Semester			nester 1		ester 2
			課程名稱	學分數	時數		學分數			學分數			學分數 時數	課程名稱	學分數 時數	課程名稱	學分數
		專業選修課程 Professional Courses	全球觀光發展趨勢研	Credits 3	Hours 3	Course Name 海洋觀光暨水域遊憩 開發與管理 Water-based Recreation Development and	Credits 3	Hours 3	Tourism Name 智慧觀光地管理專題 研討 Seminar on Smart Tourism Destination	Credits 3	Hours 3	S Course Name	Credits Hours	Course Name	Credits Hours	Course Name	Credits
			Trends 智慧旅遊與觀光專題 研討 Topics in Smart Tourism	3	3	Management 餐旅連鎖管理研究 Franchise Management	3	3	Management								
			觀光餐旅品牌行銷 Tourism and Hospitality Brand Marketing	3	3	全球觀光餐旅發展實 務研討 Practicum Global Tourism and Hospitality Development	3	3									
						觀光社群媒體行銷策 略研討 Social Media Marketing Strategies in Hospitality and Tourism	3	3									
			研究方法			智慧觀光與餐旅服務 專題研討 Seminar on Intelligent Tourism and Hospitality Services 時間序列分析	3	3	財務工程(一)								
		- V - 2A - 2F - 60	Research Methodology	3	3	Time Series Analysis	3	3	所述性(一) Financial Engineering (1)	3	3						
		方法論課程 Methodology Courses	Multivariate Analysis	3	3	金融資訊管理 Introduction of Information Management	3	3									
			計量方法 Quantitative Method 金融程式設計	3	3	計算智慧			金融投資與程式交易			財務工程(二)					
			Financial Programming Design 金融大數據專題	3	3	Computing Intelligence 人工智慧與機器學習	3	3	Investment and Program Trading 財務波動性與風險值	3	3	Financial Engineering (2) 財金論文研討	3 3				
			Financial Big Data Topic	3	3	Artificial Intelligence and Machine Learning	3	3	之研究 Volatility and Value- at-Risk in Financial Empirical Study	3	3	Financial Papers Discussion	3 3				
選修	丙組(金融資訊) Groups C(Finance and Information)	專業選修課程 Professional Courses	國際金融分析 International Finance Analysis	3	3	財經資料庫程式設計 Financial Database Programming Design	3	3	財經研究方法研討 Research Methodologies in	3	3	高頻交易專題 High-Frequency Tranding Implementation	3 3				
ective			Analysis 金融風險管理			程式交易實作			Finance 區塊鏈應用研究			機器人商務開發					
			Management	3	3	Program Trading Pratice	3	3	Research of Bolckchain Application 財經資料科學研究方	3	3	Robot Business Development	3 3				
		2 3 3 2 3 3 3	OBU與銀行融資 OBU and Finance of	3	3	固定收益證券 Fixed-income	3	3	法研討 Discussion on scientific research	3	3	財金研究應用 Financial Research	3 3				
			Bank 衍生性金融商品 Financial Derivatives 金融資訊安全	3	3	Securities 行為財務學 Behavioral Finance 交易策略設計	3	3	methods of financial data			Applications					

商業智慧學院博士班 112學年度入學課程結構規劃表

2023 Curricula for the Ph.D. Program in Business Intelligence School

				cademic Year	Indian in Dus	二年級 2nd Academic Year							三年級 3rd Academic Year							
	细细细红	第一學	第二學	第二學期			第一學期			第二學期			第一學期			第二學期				
課程類別 Course Category			Semester 1			Semester 2			Semester 1			Semester 2			Semester 1			Semester 2		
			課程名稱	學分數	時數	課程名稱	學分數	時數		學分數	時數	課程名稱	學分數	時數	課程名稱	學分數		課程名稱	學分數	
	T	T	Course Name		Hours	Course Name	Credits		s Course Name	Credits	Hours	Course Name	Credits	Hours	Course Name	Credits	Hours	Course Name	Credits	Hours
			Financial Information Security	3	3	trading strategy design	3	3												
						金融資訊專題 Introduction and														
						Information Topic	3	3												
						Discussion														
		方法論課程 Methodology Courses	財經研究方法			研究方法														
			Research	3	3		3	3												
			Methodologies in Finance			Research Methodology														
			財金計量 Introduction To			計量經濟學														
			Financial Econometrics	3	3	Introductory Econometrics	3	3												
		專業選修課程	財政理論			租稅法研究	3		財產稅制度			地方財政制度								
			Public Finance Theory	3	3	Legal Analysis of Taxation Law		3	Property Tax System	3	3	Local Public Finance	3 3	3						
選修	丁組(財政稅務) Groups D(Public		租稅理論			財政稅務專題研究 Study On			管理會計理論研討			審計理論研討								
Elective	Finance and Taxation)		Taxation Theory	3	3	Contemporary Public Finance and Taxation Issues	3	3	Seminar in management accounting theory	3		Seminar in auditing theory	3	3						
			財務理論			組織理論		3 3	公司治理研討			公司理財研討								
		Professional Courses	Finance Theory	3	3	Organization Theory	3		Seminar on Corporate Governance	3		Deliberation in Corporate Finance	3	3						
						策略理論 Strategy theory	3	3												
						財務報表分析 Financial Statement	3	3												
						Analysis 投資管理研討 Seminar in investment	3	3												
						management														

【修課規定】

- 一、畢業總學分數為36學分。
- 二、必修12學分,選修24學分。
- 三、學生修讀所屬學院之「學院共同課程」應認列為本系專業課程學分;修讀所屬學院之「學院跨領域課程」或其他學院開課之課程,則認列為外系課程學分。
- 四、系所訂定條件(學程、檢定、證照、承認外系學分及其他):
- (一)必修課程:1.各組共同必修課程:商業智慧專題研討(一)、(二)兩門6學分。2.論文6學分(以提出論文之該學期為準)。
- (二)選修課程:1.依入學資格於甲、乙、丙、丁四組之學術領域中選修。2.各組選修課程24學分(包含方法論課程兩門6學分)。3.跨組修課至多承認6學分。4.外系(所)修課至多承認三學分。5.外籍生修課規定,不受此限,由系所認定。
- 五、符合商業智慧學院博士班研究生修業規則規範。

Course Regulations

- 1. The total number of credits required for graduation is 36 credits.
- 2.Required credits: 12 credits; Elective credits: 24 credits.
- 3. Courses taken within the student's affiliated college for "College Common Courses" will be recognized as credits for the major; courses taken for "Interdisciplinary Courses" or courses offered by other colleges will be recognized as credits for external courses.
- 4. Conditions set by the department (program, assessments, certifications, recognition of external credits, and others):
- (1) Required Courses:
- A.Common required courses for each group: Two courses of "Business Intelligence Seminar (I)" and "Business Intelligence Seminar (II)" totaling 6 credits.
- B.Thesis: 6 credits (based on the semester in which the thesis is submitted).
- (2) Elective Courses:
- 2-1. Electives must be chosen from the academic fields of Groups A, B, C, and D based on admission qualifications.
- 2-2.A total of 24 elective credits from each group (including two methodology courses totaling 6 credits).
- 2-3.A maximum of 6 credits can be recognized for cross-group courses.
- 2-4.A maximum of 3 credits can be recognized for courses from external departments.
- 2-5.Regulations for international students regarding course selection are not subject to these limits and will be determined by the department.
- 5. Must comply with the Graduation Regulation for Ph.D. Program in Business Intelligence School.