

國立臺北商業大學日間大學部二年制創意科技與產品設計系課程科目表 (113學年度入學新生適用)

Course List for Bachelor of Design (BDes) - 2 Years Program, Department of Creative Technologies and Product Design, School of Innovative Design and Management, National Taipei University of Business  
(Applicable to Students Admitted in Fall or Spring, 2024)

科目類別 Category	科目名稱 Course Title		學分 數 Credit	時數 Hour	授 課 時 數 Contact Hour								備 註		
					第一學年Yr 1				第二學年Yr 2						
					上Fall		下Spring		上Fall		下Spring				
					授課 Lecture	實習 Practice	授課 Lecture	實習 Practice	授課 Lecture	實習 Practice	授課 Lecture	實習 Practice			
通識科目 (一般科目) Liberal Arts (Compulsory)	基礎必修 (語文思辯) Basic required courses (Language)	國文領域 Chinese	國文	2	2	2								依年級規定修課，惟學期課程，學期開設時間依通識中心實際排課為準。 Each course must be taken in the designated semester, which is subject to the actual arrangement of the General Education Center.  依年級規定修課，惟學期課程，依通識中心實際排課為準，此領域至少需修習2學分。 This field/domain must be taken in the designated semester, which is subject to the actual arrangement of the General Education Center. At least two credits are required for this field/domain.  依年級規定修課，惟學期課程，依通識中心實際排課為準。且此兩大領域至少擇一門課程，需修習2學分。 This field/domain must be taken in the designated semester, which is subject to the actual arrangement of the General Education Center. At least two credits are required for this field/domain.  越選修為跨領域課程，故可依學生需求自行選修。自一年級起即可開始修習，學生於畢業前至少須修畢1門，計2學分。 Due to the interdisciplinary nature of general education, students have to take a mandatory 2 credits for elective courses before graduation.	
		英文領域 English	英文	2	2			2							
	核心必修 (公民涵養) Core required courses (Citizenship)	生活美學領域 Aesthetics	依通識中心課程公告及實際開課為準	2	2	2									
		公民意識/永續發展領域 Citizenship / sustainable development	依通識中心課程公告及實際開課為準	2	2	2									
	興趣選修 (跨領域選修) Elective courses (Interdisciplinary)		國際視野 Global views	依通識中心課程公告及實際開課為準	2	2									
			社會融合 Social sciences	依通識中心課程公告及實際開課為準											
			自然科學 Science	依通識中心課程公告及實際開課為準					2						
			應用科學 Applied sciences	依通識中心課程公告及實際開課為準											
			人文藝術 Humanities	依通識中心課程公告及實際開課為準											
		體育 physical education		0	4	2		2							
	體育(選修) physical education(Elective)		(2)	(4)					(2)		(2)				
	全民國防教育軍事訓練 National Defense Education Military Training		(8)	(8)	(2)		(2)		(2)		(2)				
	合計// Subtotal		10	14	8	0	6	0	0	0	0	0			
專業必修 Core Course (Compulsory)	基礎素描 SKETCH			3	3	3									
	電腦輔助立體設計 3D COMPUTER-AIDED DESIGN			2	3	3									
	設計思考 DESIGN THINKING			3	3	3									
	造形原理 PRINCIPLES OF FORM			3	3	3								融入型服務學習 Integrated service learning	
	基礎程式設計 INTRODUCTION TO PROGRAMMING			3	3	3									
	設計概論 INTRODUCTION TO DESIGN			2	2	2									
	材料與機構 MATERIAL AND MECHANISM			2	2			2							
	產品表現技法 PRODUCT SKETCH			2	2			2							
	模型製作 MODEL BUILDING			2	3			3							
	產品設計 PRODUCT DESIGN			3	3			3							
	畢業專題(上) GRADUATION PROJECT I			2	3			3							
	畢業專題(下) GRADUATION PROJECT II			2	3					3					
	創意科技程式應用 ADVANCED PROGRAMMING			3	3					3					
	品牌設計與行銷 BRANDING AND MARKETING			3	3					3					
	前瞻科技與設計(上) FORESIGHT TECHNOLOGY AND DESIGN I			1	2					2					
	前瞻科技與設計(下) FORESIGHT TECHNOLOGY AND DESIGN II			1	2							2			
	智慧財產權與職場倫理 INTELLECTUAL PROPERTY RIGHTS AND			2	2							2			
	電子商務與大數據 E-COMMERCE AND BIG DATA			3	3							3			
		合計// Subtotal		42	48	17	0	13	0	11	0	7	0		
		必修合計 // Subtotal, Compulsory		52	62	25	0	19	0	11	0	7	0		
	電腦輔助平面設計 2D COMPUTER-AIDED DESIGN			3	3	3									
	網頁程式設計 WEB PROGRAMMING			3	3	3									
	虛擬實境 VR			3	3			3							
	通用設計 UNIVERSAL DESIGN			2	2			2							

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專業選修 Elective	運動輔具與設計 SPORTS ASSISTIVE TECHNOLOGY AND DESIGN	2	2			2								
	3D渲染 3D RENDERING	3	3					3						
	包裝結構與設計 PACKAGING DESIGN	2	2					2						
	3D列印與雷射切割實務 PRATICE OF 3D PRINTING AND LASER CUTTING	2	2					2						
	創業實務 ENTREPRENEURSHIP	2	2					2						
	機器人設計 ROBOT DESIGN	2	2							2				
	使用者經驗 USER EXPERIENCE	2	2							2				
	作品集設計 PORTFOLIO DESIGN	2	2							2				
	校外實習 OFF-CAMPUS INTERNSHIP	[2]	[18]						[18]					
	校外實習 OFF-CAMPUS INTERNSHIP	[2]	[18]								[18]			
	英語訓練(畢輔) ENGLISH TRAINING	0	(2)					(2)		(2)			備註 As Remark 2	
	專業選修-微學分 Micro Course in Elective	[2]	[2]											專業選修-微學分最高採計2學分 Maximum of 2 credits
	教學專業實習 PRACTICE OF PROFESSIONAL TEACHING	(4)	(4)	(1)		(1)		(1)		(1)				教學輔助學習生(不計入畢業最低總學分) Teaching assistant (Credits will be NOT counted toward total credits required for graduation.)
	專題研究實習 PRACTICE OF TOPIC RESEARCH	(4)	(4)	(1)		(1)		(1)		(1)				國科會、科技部、產學合作計畫(不計入畢業最低總學分) Research assistant of the MOST projects and industry-academia cooperation projects. Credits will be NOT counted toward total credits required for graduation
教育專案實習 PRACTICE OF EDUCATIONAL CASE STUDY	(4)	(4)	(1)		(1)		(1)		(1)				教育部、經濟部、勞動部或其他專案計畫(不計入畢業最低總學分) Research assistant of the MOE projects, MEA projects, ML projects, and other project plans. Credits will be NOT counted toward total credits required for graduation	
小計		28	28	6	0	7	0	9	0	6	0			
<b>畢業最低總學分數 72 學分 (選修至少 20 學分)</b> <b>Total Number of Required Credits : 72 (Minimum of Electives Reqruiod: 20 Credits)</b>														

備註1: 依「本校服務學習課程實施要點」規定：自99學年度起入學之日間部學生，應於畢業前至少修習一門「服務學習課程」始得畢業，相關規定請詳閱該要點。  
Remark1: Students are required to take service learning before graduation and obtain the graduation qualification. Please refer to the requirement of the university.

備註2: 依「國立臺北商業大學學生外國語言能力指標檢核要點」規定：學生應通過相關外語能力指標檢定或修習0學分每週2小時之「英語訓練(畢輔)」課程，並通過校內英檢後始得畢業，檢定標準請詳閱該要點。  
Remark2: Accordinng to regeluation of professional ability thresholds of the department for graduation, students who do not meet the requirements must take and pass credits of "Professional Certificate of International Business". Please refer to the requirement of the department.

備註3: 依本校「學術倫理教育課程實施要點」規定：自107學年度起入學之大學部、專科部學生須完成「臺灣學術倫理教育資源中心」之「學術倫理教育」全部核心單元並通過總測驗，或修習其他管道之學術倫理教育課程6小時以上且持有修課證明者始得畢業。  
Remark3: Students are required to take a course of academic ethics before graduation. Please refer to the requirement of the university.

備註4: 113學年度起入學之學生須依本校「學生資訊能力檢核辦法」規定，應於畢業前達成辦法內擇一資訊能力檢核認定項目，始得畢業。  
Students must comply with the provisions of the school's "Student Information Ability Assessment Measures" and must complete one of the information competency assessment and certification items in the regulations before graduation in order to graduate.