

國立雲林科技大學數位媒體設計系 111 學年度課程流程圖
Curriculum, Department of Digital Media Design, NYUST 2022

民國 111 年 04 月 12 日數位媒體設計系 110 學年度第 2 次課程會議

數位媒體設計系課程流程圖 (講授時數-實習時數-學分數) Course (Lecture Hours-Recitation Hours-Credits)

校共同必修科目 (含通識 8 學分, 計 30 學分) YunTech's Required Courses (Total 30 Credits)

第 1 學年 Freshman		第 2 學年 Sophomore		第 3 學年 Junior		第 4 學年 Senior	
第 1 學期 Fall Semester	第 2 學期 Spring Semester	第 1 學期 Fall Semester	第 2 學期 Spring Semester	第 1 學期 Fall Semester	第 2 學期 Spring Semester	第 1 學期 Fall Semester	第 2 學期 Spring Semester
文學與創新 興趣選項 Literature and Innovation 2-0-2	文學與創新 興趣選項 Literature and Innovation 2-0-2	英文創作與發表(一) English Presentation and Writing(I) 2-0-2	英文創作與發表(二) English Presentation and Writing(II) 2-0-2	通識課程 General Education Courses 2-0-2	應用中文 Practical Chinese 2-0-2	通識課程 General Education Courses 2-0-2	
英文溝通實務(一) Practicum in English Communication(I) 0-2-1	英文溝通實務(二) Practicum in English Communication(II) 0-2-1	通識課程 General Education Courses 2-0-2	通識課程 General Education Courses 2-0-2	職場英文 Career English 2-0-2	通識課程 General Education Courses 2-0-2		
通識課程 General Education Courses 2-0-2	通識課程 General Education Courses 2-0-2	體育 興趣選項 Physical Education 2-0-0	體育 興趣選項 Physical Education 2-0-0				
體育 Physical Education 2-0-0	體育 Physical Education 2-0-0	生活觀察與紀實 Life Observation and Documentary 2-0-2					
服務學習 Service Learning 0-1-0	服務學習 Service Learning 0-1-0						
6-3-5	6-3-5	6-0-4	8-0-6	4-0-4	4-0-4	2-0-2	

院必修課程流程圖 (共計 11 學分) College's Required Courses (Total 11 Credits)

素描★ Sketch 1-2-2	設計概論 Introduction to Design 3-0-3						
色彩學 Color Theory 1-2-2			設計美學 Design Aesthetics 2-0-2		設計倫理與法規 Design Ethics 2-0-2		
2-4-4	3-0-3		2-0-2		2-0-2		

系專業必修課程 (共計 41 學分) Department School's Required Courses (Total 41 Credits)

基本設計 (一)★ Basic Design I 1-2-2	基本設計 (二)★ Basic Design II 1-2-2	3D 動畫(一)-基礎繪圖★ 3D Animation 1- Basic Graphics 1-2-2	Web/App 前端設計★ Web/App Front-End Design 1-2-2	介面設計與使用性評估 Interface Design and Usability Evaluation 1-2-2	數位媒體設計專題實務 Digital Media Design Projects 1-2-2	畢業專題製作 (一)★ Final Project (I) 1-8-5	畢業專題製作 (二)★ Final Project (II) 1-8-5
數位音樂基礎★ Digital Music 1-2-2	分鏡設計★ Storyboard Design 1-2-2		設計方法與創意思考 Design Methods & Creative Thinking 1-2-2		文化專題講座 Culture Project Seminars 2-0-2	設計專題講座 Design Project Seminars 2-0-2	
數位媒體設計概論 Introduction to Digital Media Design 2-0-2	邏輯分析與程式設計 Foundation of Programming and Logic 1-2-2				設計提案與作品集 Design Proposal & Design Production 3-0-3	設計實習 Internship 0-4-2	
4-4-6	3-6-6	1-2-2	2-4-4	1-2-2	6-2-7	3-12-9	1-8-5

系分組專業必修課程流程圖 Department School's Specialization Requirement Courses

第 1 學年 Freshman		第 2 學年 Sophomore		第 3 學年 Junior		第 4 學年 Senior	
第 1 學期 Fall Semester	第 2 學期 Spring Semester	第 1 學期 Fall Semester	第 2 學期 Spring Semester	第 1 學期 Fall Semester	第 2 學期 Spring Semester	第 1 學期 Fall Semester	第 2 學期 Spring Semester
※ A. 數位動畫設計組 Digital Animation Group							
	動畫概論 Fundamental of Animation 3-0-3	2D 動畫專題 2D Animation Project 3-0-3	3D 動畫(二)-基礎動畫 3D Animation 2- Basic Animation 3-0-3	3D 動畫(三)-角色動畫 3D Animation 3- Character Animation 3-0-3	3D 動畫(四)-後製與特效 3D Animation 4-Special Effect and Post Production 3-0-3	數位特效設計 Digital Visual Special Effect 3-0-3	
	角色設計 Character Design 3-0-3			動畫實務 Animation Workshop 3-0-3	3D 動畫創作 3D Animation Create 3-0-3		
※ B. 互動媒體設計組 Interactive Media Design Group							
	互動媒體設計專題一- 互動腳本企劃 Interactive Media Design Projects(I) - Interactive 3-0-3	人機互動裝置 Human-Computer device Design 3-0-3	遊戲企劃與設計 Game Planning and Design 3-0-3	互動媒體設計專題四- 互動媒體整合 Interactive Media Design Projects(IV) - Integration of Interactive Media 3-0-3	數位遊戲整合 Integration of Digital Game 3-0-3		
		互動媒體設計專題二- 遊戲美術設計 Interactive Media Design Projects(II) - Visual Design of Digital Game 3-0-3	互動媒體設計專題三- 感測裝置設計 Interactive Media Design Projects(III) - Sensible Installation Design 3-0-3	互動遊戲設計 Design of Interactive Game 3-0-3	展示科技應用與實務 Applications and Practices of Exhibition Display Technology 3-0-3		

※ C 媒體整合設計組 Media Integration Design Group						
	影像傳達設計 Images Communication Design 3-0-3	媒體整合設計專題(一) Integrated Media Design Projects (I) 3-0-3	媒體整合設計專題(二) Integrated Media Design Projects (II) 3-0-3	媒體整合設計專題(三) Integrated Media Design Projects(III) 3-0-3	跨媒體沉浸式體驗設計 Cross-media Immersive Experience Design 3-0-3	
		媒體創意與應用 The Creativity of New Media 3-0-3	數位音效設計 Digital Audio Design 3-0-3	大數據資訊設計 Information Design for Big Data Applications 3-0-3	數位展演設計 Digital Display and Exhibition Design 3-0-3	

一般選修課程 Elective Courses

數位向量繪圖 Digital Vector Graphics 3-0-3	數位影像處理 Digital Image Processing 1-2-2	故事寫作與繪本創作 Creative writing and picture book making 1-2-2	影片行銷 Film Marketing 2-0-2	進階遊戲美術設計 Advanced Visual Design of Digital Game 3-0-3	視覺化程式設計 Visual Programming 3-0-3	海外產業實務實習(一) 1-8-5	海外產業實務實習(二) 1-8-5
數位攝影 Digital Photography 1-2-2		2D 場景設計 2D Background Design 3-0-3	設計競賽實務 Design Competition Practice 2-0-2	創客-互動物聯誌 Maker:Interacting with Everything 2-2-3	投影藝術 Projection Art 3-0-3	進階角色動畫表演 Advanced Character Animation 3-0-3	
		設計創造力 Design the perspective of cultivating creativity 3-0-3	漫畫創作 Comic creation 3-0-3	動態影像與情境腳本設計 Motion Graphics and Scenario_based Storyboard Design 3-0-3	暑期海外產業實務實習 0-4-2		
		數位錄影與製作 Digital Recording & Production 3-0-3		教育科技與數位學習 Learning with emerging technology 2-2-3	創客-機械之互動驚奇 Maker: Machine as an Inspiration 2-2-3		
				物聯網概論與實作 Introduction and Application of IOT 2-1-2	福祉設計與體驗 Inclusive Design and Development 2-0-2		
				地方文化數位加值設計 Local Culture Digital Value-added Design 3-0-3			
				動態圖像設計 Motion Graphic Design 3-0-3			

註 1：本課程流程經民國 111 年 04 月 12 日數位媒體設計系 110 學年度第 2 次課程會議討論後修正。

This curriculum was discussed and amended on the second course meeting of the Department of Digital Media Design on April 12, 2022.

註 2：本系之最低畢業總學數為 129 學分；包括校定通識學科必修為 30 學分、設計學院定必修為 11 學分、學系定必修為 41 學分、專業分組必修為 27 學分及專業選修為 20 學分（其中系外選修課程不得超過 15 學分）。

A minimum of 129 credits in total is required for graduation, including 30 credits of general knowledge courses required by school, 11 credits required by the Design College, 41 credits required by the department, 27 credits required by specialty group and 20 credits for specialty optional courses (more than 15 credits of selective courses outside the department not allowed).

註 3：學生入學後，於大一下學期進行專業分組，共分為互動媒體設計組、電腦動畫設計組及媒體整合設計組等三組。（詳細分組辦法請參閱數位媒體設計系分組辦法實施細則）

Students will be divided into three specialty groups on the second semester of freshmen, including the Computer Animation Design Group, Interactive Media Design Group and Digital Value-adding Design Group (Refer to the grouping implementation details of the Department of Digital Media Design.).

註 4：通識課程選修視覺藝術欣賞與聽覺藝術欣賞僅以一門為限。

Either Visual Art Appreciation or Auditory Art Appreciation is allowed for electing a general knowledge course.

註 5：數位音樂基礎、分鏡設計、素描、基本設計（一）、基本設計（二）、3D 電腦繪圖、Web/App 前端設計、畢業專題製作（一）、畢業專題製作（二）等 9 門必修課程，採取分組教學。

Nine required courses will be conducted in groups, including an introduction to digital music, storyboard design, sketch, basic design (1), basic design (2), 3D computer graphics, Web/App Front-End Design, graduation project production (1) and graduation project production (2).

註 6：大一、大三學生必修課程分組為：學號單號為 A 組，學號雙號為 B 組；大二、大四學生必修課程分組為：班級前半部為 A 組，班級後半部 B 組。

Required courses for freshmen and juniors are divided into Group A with odd student numbers and Group B with even student numbers. Required courses for sophomores and seniors are divided into Group A for former half of the class and Group B for latter half of the class.

註 7：數位媒體設計專案實務未通過之學生，不得修習畢業專題製作(一)；畢業專題製作(一)未通過之學生，不得修習畢業專題製作(二)。

Students that do not pass project practice of digital media design are not allowed to take graduation project production (1) and those that fail graduation project production (1) are disallowed to take graduation project production (2).

註 8：海外中五學制畢(結)業生，以同等學力就讀本系學士班者，除本系原訂之畢業學分 129 學分外，應加修 18 學分，全校課程皆可選修。

Graduates or those that complete their 5-year college overseas and attend the undergraduate program with the same educational level are required to take 18 extra credits in addition to 129 credits required by the department and they may take whatever courses they desire.

註 9：學生登記修習跨領域學程，均認為外系選修學分，修畢學程者，至多承認 25 學分；未修畢學程者，其外系選修學分至多承認 15 學分。

When students take interdisciplinary courses, credits will be counted as credits of optional courses of other departments. 25 credits will be valid at most upon completion of the program. For those that do not finish the program, 15 credits of selective courses in other departments are allowed at most.

註 10：畢業專題製作完成後，需完成兩場校外展覽始得畢業。

Upon completion of graduation project production, two exhibitions outside the school are required for graduation.