元智大學 資訊傳播學系 必修科目表

Department of Information Communication, Yuan Ze University
List of Required Courses

（**111** 學年度入學新生適用 **Applicable to Students Admitted in Academic Year 2022**）

學年 Academic Year	第一學年 1st Academic Year		第二學年 2nd Academic Year		第三學年 3rd Academic		第四學年 4th Academic Year	
學期 Semester / 科目 Subject	上 Fall	下 Spring	上 Fall	下 Spring	上 Fall	下 Spring	上 Fall	下 Spring
共同必修科目 Common Compulsory （21）	國文（一）Chinese (I)（2）	國文（二）Chinese (II)（2）						
	英語（一）English (I)（2）	英語（二）English (II)（2）						

程式語言共 4 學分，依各院修課規則辦理。(開課名稱：基礎程式設計)

Fundamental Computer Programming is a four-credit course. For those who would like to registered〝Fundamental computer programming〞，he/she has to meet the college requirement. (Course Name: Fundamental Computer Programming)

外語課程應修習 10 學分。

1. 「英語（一）」及「英語（二）」為基礎課程，採能力分級上課，共計二學期四學分。
2. 除了「英語（一）」及「英語（二）」外，畢業前應修畢三個不同主題式英語課程，共三學期 5 學分。
3. 大一英語能力後測「TOEIC 模擬測驗」成績未達 350 分者，應修習「應試加強班」(EL260)。修習「應試加強班」期間之期末 TOEIC 模擬測驗成績未達 350 分者，則該科成績將「不及格」，並應再次修習「應試加強班」，直到取得 TOEIC 模擬測驗分數達 350 分(含)始得修習其他主題式英語課程。
4. 另開設「英語檢定」(EL360)計一學期 1 學分，「英語檢定」之修課限制與注意事項，請參照「通識外語『英語檢定』修課規定」，並由通識教學部公佈後施行。

外國學生改修華語須經國際語言文化中心審核通過始可改修華語課程 10 學分，其華語課程 10 學分應含「華語檢定」1 學分，「華語檢定」修課限制與注意事項，請參照「通識外語『英語檢定』修課規定」。

凡本校大學部外國學生修習「華語(一)」或「華語(二)」任一課程成績未達 60 分，不得修習「華語(三)」、「華語(四)」。若修習「華語(三)」、「華語(四)」任一課程成績未達 60 分，不得修習「華語(五)」或「華語檢定」(EL372)。

The undergraduate students must complete 10 required credits of foreign language courses.

1. English (I) & (II) for the total 4 credits: English (I) and (II) are 4 credit elementary courses for the freshmen who are grouped on English competence; to complete within two semesters.
2. English thematic course for the total 5 credits: English thematic courses are 5-credit English courses; students are required to obtain 5 credits through 3 different thematic courses for graduation.
3. Students who do not reach the 350-point threshold of TOEIC Mock Exam in the end of the freshman year must take "English Testing" (EL260) course. Students will fail the course if they do not score higher than 350 points in TOEIC Mock Exam by the end of the course, and must repeatedly take the course until they can score higher than 350 points.
4. "English Testing" (EL360) for the total 1 credit: For the requirements of registering "English Testing", please refer to "the Regulation for Registering English Test" announced and implemented by the College of General Education.

Foreign students need approval by ILCC for taking 10 credits of Mandarin Chinese courses as alternative courses of English.

	體育 Physical Education（0）	體育 Physical Education（0）	興趣選項體育 optional physical	興趣選項體育 optional physical				

大學部必須修習 4 學期體育課程；其中 2 學期為大一體育課程原班級上課，另 2 學期為興趣選項體育課程。

The undergraduate students must attend the physical education course for 4 semesters; 2 semesters for the freshman physical education courses, the other two semesters for the optional physical education courses.

通識教育科目 General Education (10)	通識課程分為人文藝術、自然科學、社會科學及生命科學四大類。學生須於四大領域中各選修 2 學分課程，共計 8 學分。 General Education program comprises four categories：Humanities, Natural Science, Social Science and Life Science. Students are required to take a 2-credit course from each category to get 8 credits before graduation. 通識跨域課程 General Education Interdisciplinary Course：此 2 學分學生可自由於通識講座課程、微課自主學習或在地多元文化課群中選課。惟外籍生與工程學院英語學士班、資訊學院英語學士班、人文社會學院英語學士班、電機通訊學院英語學士班學生仍須於四大領域中選課，依各院修課規定辦理。 Students can select the 2 credits from a General Education Lecture course, Micro Credit courses, Self-Study courses, or Local-Multicultural courses. Only foreign students and undergraduates of International Programs in the Colleges of Engineering, Information, Humanities and Social Science as well as Electrical and Communication Engineering are required to take 2 credits						

學年 Academic Year	第一學年 1st Academic Year		第二學年 2nd Academic Year		第三學年 3rd Academic		第四學年 4th Academic Year	
學期 Semester 科目 Subject	上 Fall	下 Spring	上 Fall	下 Spring	上 Fall	下 Spring	上 Fall	下 Spring
系必修科目 Department Required Courses (32)	資訊概論 Introduction to Computer Science IC181 (3)	數位影像處理 Digital Image Processing IC120 (3)		網頁程式設計 Web Programming IC186 (3)		跨媒體整合 Cross-Media Integration IC324 （3）	專題製作(一) Field Study(I) IC464 (4)	專題製作(二) Field Study(II) IC465 (4)
	設計概論 Introduction to Design Principles IC151 (3)	數位音像設計基礎 Fundamentals of Digital Audiovisual Design IC341 (3)		人機互動概論 Introduction of Human Computer Interaction IC291 (3)			專業實習(一) Internship(I) IC401 (3)	
學期學分小計 Credits Per Semester	6	6	0	6	0	3	7	4
設計組必修 Design Group Required Courses (24)	藝術基礎(一)：素描 Fundamentals of Arts(Ⅰ)：Drawing IC145 (3)	藝術基礎(二)：創意素描 Fundamentals of Arts(Ⅱ)：Creative Drawing IC168 (3)	電腦繪圖 Computer Graphics IC205 (3)	平面設計 Graphic Design IC204 (3)				
	設計史 Design History IC175 (3)	色彩學 Color Theory IC191 (3)	動畫概論 Principles of Animation IC194 (3)					
	程式設計 Computer Programming IC212 (3)							
	程式設計實習 Computer Programming Lab. IC336 (0)							
學期學分小計 Credits Per Semester	9	6	6	3	0	0	0	0
科技組必修 Technology Group Required Courses (21)	微積分概論 Introduction to Calculus IC287 (3)	線性代數 Linear Algebra IC248 (3)	視窗應用程式設計 Windows Programming IC238 (3)	遊戲程式設計 Game Programming IC342 (3)				
	程式設計(一) Computer Programming(I) IC184 (3)	程式設計(二) Computer Programming(II) IC192 (3)	資料結構 Data Structure IC172 (3)					

	程式設計 實習(一) Computer Programming Lab.(I) IC286 (0)	程式設計 實習(二) Computer Programming Lab.(II) IC200 (0)						
學期學分小計 Credits Per Semester	6	6	6	3	0	0	0	0

元智大學 資訊傳播學系 選修科目表

Department of Information Communication, Yuan Ze University
List of Elective Courses

（111 學年度入學新生適用 Applicable to Students Admitted in Academic Year 2022）

學年(Academic Year) 學期(Semester) 科目(Course)	第一學年 (1st Year)		第二學年 (2nd Year)		第三學年 (3rd Year)		第四學年 (4th Year)	
	上 (Fall Semester)	下 (Spring Semester)	上 (Fall Semester)	下 (Spring Semester)	上 (Fall Semester)	下 (Spring Semester)	上 (Fall Semester)	下 (Spring Semester)
系共同選修 Department Elective Courses	智慧財產權 Intellectual Property IC362 (3)	多媒體概論 Introduction to Multimedia IC340 (3)	科技英文 English for Science and Technology IC300 (3)	科技行銷 Marketing Technology IC350 (3)	電玩企劃 Game Planning IC242 (3)	電玩製作 Game Production IC250 (3)	資訊傳播專題（一） Seminar on Information Communication(I) IC454(3)	資訊傳播專題（二） Seminar on Information Communication(II) IC456(3)
			互動腳本製作 Interactive Script Production IC225 (3)	敘事與故事 Narrative and storytelling IC339 (3)	創新媒體實務應用 Creative Media Practice IC296 (2)	電子商務法律實務 Legal Practice of e-Commerce IC293 (3)	大數據創新應用專題 Innovation Topics on Big Data IC330 (3)	專業實習(二) Internship(II) IC451 (3)
					資訊傳播科技創新應用 ICT and Its Innovations IC348 (3)	網路社群媒體分析 Analysis for Social Media Services IC331 (3)	社群媒體專題 Special Topics in Social Media Services IC329 (3)	
設計組選修 Design Group Elective Courses	攝影學 Applied Photography IC116 (3)	創意方法 Creativity Techniques IC256 (3)	電子商務 Electronic Commerce IC328 (3)	雲端策展與執行 Cloud Curating IC289 (3)	影視製作專題 Advanced Film and Video Production Workshop IC322 (3)	複合媒材設計 Mixed Media Design IC189 (3)	穿戴式科技設計(一) Designing Wearable Technology (I) IC294 (3)	穿戴式科技設計(二) Designing Wearable Technology (II) IC295 (3)
			文創產業個案 Case Study on Cultural Industries IC249 (3)	3D 電腦繪圖 3D Computer Graphics IC335 (3)	使用者介面設計 User-Interface Design IC349 (3)	作品集設計與展現 Portfolio Design and Presentation IC326 (3)		
					3D 電腦動畫 3D Computer Animation IC337 (3)	設計繪畫 Illustration IC272 (3)		
					影視視覺特效 Visual Effects for Film and Video IC347 (3)			
科技組選修 Technology Group Elective Courses	普通物理學 General Physics IC224 (3)		Java 程式設計 Java Programming IC275 (3)	網路資料庫系統 Networks Database System IC261 （3）	電腦圖學 Interactive Computer Graphics IC271 (3)	展示科技應用 Application of Display Technology IC297 (3)	穿戴式科技設計(一) Designing Wearable Technology (I) IC294 (3)	穿戴式科技設計(二) Designing Wearable Technology (II) IC295 (3)
				資訊隱私 Information Privacy IC298 (3)	網際網路程式設計 Internet Programming IC257 (3)	混合實境 Mixed Reality IC196 (3)		

					網頁遊戲程式設計 Web Game Programming IC338 (3)	人機互動實務 Human Computer Interaction Application IC344 (3)			
					行動裝置程式設計 Mobile Device Programming IC190 (3)	手機遊戲設計 Mobile Game Design IC334 (3)			
						網站設計專題 Special Topics in Website Design IC343 (3)			
						虛擬實境 Virtual Reality IC346 (3)			
						演算法 Algorithm IC239 (3)			

備註 remarks

1. 有關共同必修及通識教育科目之詳細規定，另依據「元智大學共同必修科目表」之規定辦理。

2. 除共同必修科目及通識科目共 31 學分外，本系必修科目為 32 學分，設計組必修 24 學分、科技組必修 21 學分。所屬組別的選修至少選修 12 學分(含系共同選修)，他組選修或他組必修至少選修 6 學分，最低畢業學分為 128 學分。

3. 【藝術基礎一：素描】(3) 與【藝術基礎二：創意素描】(3)，上課時數皆為 4 小時。

4. 【藝術基礎一：素描】為本系設計組申請雙主修和輔系之先修課程，系上將根據該課堂表現審核是否同意該生選修本組為雙主修或輔系。

5. 修習專業實習課程須遵照專業實習辦法之相關規定。

6. 選修本系碩士班課程可列入系選修學分。

7. 終端學習課程：【專題製作二】(IC465)。

8. 通識教育科目學分只採計至多 10 學分，超修之學分將不列入畢業學分。

9. 【專題製作二】(IC465)為本系必修「議題導向實作專題課程」。

10. 【數位影像處理】(IC120)、【網頁程式設計】(IC186)、【電腦繪圖】(IC205)、【視窗應用程式設計】(IC238)為本系「數位應用相關課程」。

11. 為增進學生英文能力，鼓勵選修英語授課課程(含英專班)，其修習之課程科目及學分數之認抵需依學系規定辦理。

1. Please refer to Yuan Ze University Common Required Course List for General Education courses information and regulations.

2. In addition to the university required and general education courses (31 credits), students must complete department required courses (35 credits) and group required courses (24 credits for Design group or 21 credits for Technology group). For elective courses, students must complete at least 12 credits based on their respective group (which include the department elective courses) and at least 6 credits of required or elective courses from the other group. The minimum graduation requirement is 128 credits in total.

3. "Fundamentals of Arts (I)" and "Fundamentals of Arts (II)" courses are 4-hour classes with 3 credits.

4. "Fundamentals of Arts (I)" is the preparatory course for students applying for double majors/minor in the Design group and their performance in this course will determine if their double majors/minor application is approved.

5. Students taking the "Internship" course have to satisfy its regulations.

6. Department master courses can be counted as credits for department elective courses.

7. The experiential learning course: "Field Study (II)" (IC465).

8. The maximum credits for general education courses is 10, the exceeding credits will not be counted.

9. "Field Study (II)" (IC465) is a compulsory three-credit course of "Topic and Implementation-oriented courses".

10. "Digital Image Processing "(IC120), "Web Programming" (IC186), "Computer Graphics" (IC205),"Windows Programming"(IC238) are courses of 'digital application courses'.

11. To improve students' English, we encourage students to take the courses in English (including English Bachelor), which courses and credits waiver and transference should be standardized by each department.

元智大學資訊傳播學系 擋修科目表

Department of Information Communication, Yuan Ze University
List of Prerequisite Courses

（ **111** 學年度入學新生適用 **Applicable to Students Admitted in Academic Year 2022**）

先修科目 Prerequisite Course		擋修科目 Course	備註
課名 Course Name	分數 Score	課名 Course Name	Remarks
專題製作(一) Field Study (I)	60	專題製作(二) Field Study (II)	
數位音像設計基礎 Fundamentals of Digital Audiovisual Design	60	影視製作專題 Advanced Film and Video Production Workshop	
數位音像設計基礎 Fundamentals of Digital Audiovisual Design	60	動畫概論 Principles of Animation	
數位影像處理 Digital Image Processing	60	影視視覺特效 Visual Effects for Film and Video	
數位音像設計基礎 Fundamentals of Digital Audiovisual Design	60		
3D 電腦繪圖 3D Computer Graphics	60		