

吳鳳科技大學 日間部 日四技 消防系 課程表 (112學年度入學學生適用)

The Curriculum Framework for the Four-Year Bachelor Program of the Fire Science Department at WuFeng University for the 112 Academic

科目類別 (Categories of Courses)	第一學年(First Academic Year)						第二學年(Second Academic Year)						第三學年(Third Academic Year)						第四學年(Fourth Academic Year)						小計 subtotal		
	上(First Semester)			下(Second Semester)			上(First Semester)			下(Second Semester)			上(First Semester)			下(Second Semester)			上(First Semester)			下(Second Semester)			學分 Credit	時數 Hour	
	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour	科目 Course Title	學分 Credit	時數 Hour			
基本素養 (Basic Literacy)	英文(一)/English(I)	3	3	英文(二)/English(II)	3	3	安全教育/Safety Education	1	1																		
	文學賞析與習作 / Appreciation & Composition of Chinese Literature	2	2	語文能力表達 / The ability of Expression in Chinese Language	2	2	專業倫理/Professional Ethics	1	1																		
	體育(一)/Physical Education I	2	2	體育(二)/Physical Education II	2	2	創意概論與智財權 / Introduction to Originality and IPR	1	1																		
	勞作教育/Labor Education	1	1																								
	小計/subtotal	8	8		7	7		3	3		0	0		0	0		0	0		0	0		0	0	18	18	
公民素養 (Civic Literacy)							公民素養(一)/Civic Literacy(I)	2	2	公民素養(二)/Civic Literacy(II)	2	2															
	小計/subtotal	0	0		0	0		0	0		2	2		2	2		0	0		0	0		0	0	4	4	
院共同必修 (Courses required by the college)	微積分/Calculus	2	2	計算機概論*/Introduction to Computer	2	3				創意發明與智財權 / Creativity and Intellectual Property	2	2															
	小計/subtotal	2	2		2	3		0	0		2	2		0	0		0	0		0	0		0	0	6	7	
系專業必修 (Courses required by the department)	消防學 / Introduction to Fire Science	3	3	消防法規(二)/Fire Code and Regulations (II)	3	3	火災學(一)/Fire Science(I)	2	2	火災學(二)/Fire Science(II)	2	2	專題與書報討論(一)/Final Project (I)	1	1	消防圖學(二)*/Fire Engineering Drawing (II)	3	3									
	消防法規(一)/Fire Code and Regulations (I)	3	3	普通物理(二)/Physics (II)	2	2	數位邏輯程式設計與應用*/Digital logic programming and application	1	2	警報系統消防安全設備 / Alarm and Detection Systems for Fire Protection	3	4	消防圖學(一)*/Fire Engineering Drawing (I)	3	3	專題與書報討論(二)/Final Project (II)	1	1									
	普通物理(一)/Physics (I)	2	2	普通化學(二)/General Chemistry(II)	2	2	水系統消防安全設備 / Water-Base Suppression Systems for Fire Protection	3	4	避難系統消防安全設備 / Escape Systems for Fire Protection	3	4				消防設備檢修實務 / Overhaul Practice of the Fire Safety Equipments	2	2									
	普通化學(一)/General Chemistry(I)	2	2	普通化學實驗 / General Chemistry Experiments	1	2	化學系統消防安全設備 / Special Suppression Systems	3	4																		
	小計/subtotal	10	10		8	9		9	12		8	10		4	4		6	6		0	0		0	0	0	0	45
必修小計/Subtotal, Compulsory	20	20		17	19		12	15		12	14		6	6		6	6		0	0		0	0	0	0	73	80
系專業選修 (Elective courses of the department)			應用統計 / Application of Statistics	2	2	熱傳學/Heat Transfer	2	2	建築防火/Fire Safety of Buildings	2	2	配線實務/Wiring Practice	3	3	氣體燃料導管配管(二)*/Gas Piping(II)	3	3	消防工程英文 / Fire Engineering English	2	2	火災原因調查與鑑定 / Fire Investigation	3	3				
			電工學/Electrical Engineering	2	2	配管實務(一)/Piping Practice(I)	2	2	消防化學/Fire Chemistry	2	2	工業通風/Industrial ventilation	3	3	消防機械/Fire Fighting Facility	3	3	火災保險學/Fire insurance	2	2	火災災例分析與評估 / Analysis and Estimation of Fire Scenarios	3	3				
			消防安全設備設置標準解說(一) / Installation standards of fire safety equipment (I)	2	2	消防水力学/Hydraulics	2	2	工業電子/Industrial Electronics	2	2	創新與創業實務 / Innovation and Entrepreneurship in Practice	3	3	特定瓦斯器具裝修(二) / Installation of specialized gas appliances (I)	3	3	應用微積分 / Applied calculus	2	2	消防製圖實務* / Drawing and practice of fire protection	3	3				
						工業安全概論 / Introduction of Industrial Safety	2	2	電腦繪圖*/Computer Graphics	2	3	氣體燃料導管配管(一)*/Gas Piping(I)	3	3	人因工程/Human Factors Engineering	3	3	防火管理/Fire Precaution Management	2	2	長照機構防火安全 / Fire safety of long-term care institution	3	3				
						消防安全設備設置標準解說(二) / Installation standards of fire safety equipment(II)	2	2	配管實務(二)/Piping Practice(II)	2	2	特定瓦斯器具裝修(一) / Installation of specialized gas appliances (I)	3	3	工業衛生概論 / Industrial hygiene	3	3	危機管理/Crisis Management	2	2	災害防救計畫與緊急應變 / Disaster Prevention and Emergency Response Plans	2	2				
									風險評估/Risk assessment	2	2	公共危險物品管理與消防設備 / Fire Safety Design and Equipments for Public Hazardous Goods	3	3	緊急救護/Emergency Medical Service	3	3	都市防災/Urban disaster prevention	2	2	防火防曝工程 / Engineering of Fire and Explosion Protection	2	2				
									工程材料/Engineering Materials	2	2	應用力學/Static Mechanics	3	3				火災學(三) / Fire Science (III)	2	2	職業安全衛生法規 / Occupational Safety and Health Regulations	2	2				
									電氣安全/Electrical Safety	2	2	機電防護/Mechanical Protection	3	3						消防戰術與勤務 / Tactics and Operation of Fire Fighting	2	2					
									法學緒論 / Introduction to Laws	2	2									消防滅火系統實務 / Practice in Fire Suppression Systems	2	2					
									校外實習(一)/Practical Training (I)	3	3								校外實習(三)/Practical Training (III)	3	3	校外實習(七)/Practical Training (VII)	3	3			
																			校外實習(四)/Practical Training (IV)	3	3	校外實習(八)/Practical Training (VIII)	3	3			
																			校外實習(五)/Practical Training (V)	3	3	校外實習(九)/Practical Training (IX)	3	3			
																		校外實習(六)/Practical Training (VI)	3	3							
該學期至少需選修學分/學時 minimum elective credits required for	0	0		4	4		6	6		6	7		9	9		9	9		6	6		9	9	9	9	49	50
學分/學時小計 Subtotal, Credits/hour	20	20		21	23		18	21		18	21		15	15		15	15		6	6		9	9	9	9	122	130

備註/Notes:

一、校基本素養/Basic requirements of the university:

1. 語文能力門檻: 依據「吳鳳科技大學學生英文能力畢業門檻實施要點」相關規定辦理。  
Language Proficiency Threshold: It shall be handled according to the implementation of "WuFeng University Students' English Proficiency Requirements for Graduation Threshold."

2. 資訊能力門檻: 依據「吳鳳科技大學學生資訊能力畢業門檻實施要點」, 非資訊系(科)至少通過一種資訊基本能力認證測驗; 資訊系(科)至少通過兩種資訊能力認證測驗。  
Information Capability Threshold: According to the implementation of "WuFeng University students' information capability requirements for graduation threshold." Students of non-information departments (sections) must pass at least one basic information proficiency certification test. Students of the information department must pass at least two.

二、院基本素養/Basic requirements of the college:

1. 院共同必修科目為: 微積分、計算機概論、創意發明與智財權。學生必須修習及格。  
The Practical Training must meet the "Implementation of WuFeng University Students' Practical Training Course" to determine the internship results.

三、系所基本素養/Basic requirements of the department:

1. 畢業學分數要求: 至少需取得128學分方可畢業, 其中包括(1)基本素養科目18學分(2)公民素養科目4學分(3)學院共同必修6學分(4)專業必修科目45學分(5)專業選修科目49學分(6)學分、跨系與選修與潛能課程6學分。  
Graduation credit requirements: At least 128 credits, including (1) Basic Literacy Courses: 18 credits (2) Civic Literacy Courses: 4 credits (3) The common compulsory subjects of the colleges: 6 credits (4) Professional compulsory courses: 45 credits (5) Professional elective courses: 49 credits (6) A maximum of 6 credits are recognized for courses.

2. 各年級各學期修習學分數規定: (1)一、二年級: 16-25學分。(2)三年級: 14-25學分。(3)四年級: 9-25學分。  
Regulations on the number of credits for each grade and semester: (1) From first to second year: 16-25 credits. (2) Third year: 14-25 credits. (3) Fourth year: 9-25 credits.

3. 校外實習須符合「吳鳳科技大學學生校外實習課程實施要點」, 據以認定實習成績。  
The Practical Training must meet the "Implementation of WuFeng University Students' Practical Training Course" to determine the internship results.

四、其他說明/Other remarks:

1.\*表示需使用電腦課程。  
Indicates that a computer course is required.

2.本系可因應計劃和產業需求修改選修課。  
The department may modify elective courses according to the needs of the program and industry.

五、訂(修)定歷程/Booking(Revised) History:

112.08.22 消防系111學年度第2學期第2次課程委員會通過; 112.08.22安全工程學院112學年度第1學期第1次課程委員會通過; 112.09.05 112學年度第1學期第1次校課程委員會通過。  
112/08/22 Department of Fire Science 111 academic year 2nd semester, adopted by the Fire Science Curriculum Committee conference. 112/08/24 112 academic year 1st semester, adopted by the College of Safety and Engineering Curriculum Committee conference. 112/09/05 112 academic year 1st semester, adopted by the 1st Curriculum Committee conference.