

亞洲大學

110 學年度醫學檢驗暨生物技術學系碩士班全英語課程規劃表

(Approved by the University Curriculum Committee on 04/29/2021)

課程名稱: 醫學檢驗暨生物技術學系碩士班

Master Program in Department of Medical Laboratory Science and Biotechnology

類別 Category	科目名稱 Course Title	英文名稱 English Course Title	修課 年級 Year of the Program	修課 學期 Semester	學分數 Credits	每週上課時數 Hours per week		備註 Remarks
						講授 lecture	實驗 experiment	
(0) University Required Credits	碩士論文	Thesis	2 nd	1 st	0	0		
	碩士論文	Thesis	2 nd	2 nd	0	0		
(5) Program Required Credits	專題討論(一)	Graduate Seminar in Medical Laboratory Science (I)	1 st	1 st	1	1		
	專題討論(二)	Graduate Seminar in Medical Laboratory Science (II)	1 st	2 nd	1	1		
	專題討論(三)	Graduate Seminar in Biotechnology (I)	2 nd	1 st	1	1		
	專題討論(四)	Graduate Seminar in Biotechnology (II)	2 nd	2 nd	1	1		
	科學倫理	Scientific Ethics	1 st	1 st	1	1		
(19-1) Program Elective Credits (Research Model)	進階生物技術	Advanced Biological Techniques	1 st or 2 nd	1 st or 2 nd	3	3		
	進階分子與細胞生物學	Advanced Molecular and Cellular Biology	1 st	1 st	3	3		
	癌症生物學	Cancer Biology	1 st or 2 nd	1 st or 2 nd	3	3		
	營養與疾病	Nutrition and Disease	1 st	1 st	3	3		
	進階生物化學	Advanced Biochemistry	1 st	2 nd	3	3		
	功能性食品	Functional Foods	2 nd	1 st	3	3		
	分子免疫學	Molecular Immunology	1 st or 2 nd	1 st or 2 nd	3	3		
	分子遺傳學	Molecular Genetics	1 st or 2 nd	1 st or 2 nd	3	3		
(19-2) Program Elective Credits (Practical Model)	動物細胞培養	Culture of Animal Cells	1 st or 2 nd	1 st or 2 nd	3	3		
	應用分析技術	Applied Analytical Technology	1 st or 2 nd	1 st or 2 nd	3	3		
	農業及食品生物技術	Agriculture And Food Biotechnology	1 st or 2 nd	1 st or 2 nd	3	3		
	生物工程學	Bioengineering	1 st or 2 nd	1 st or 2 nd	3	3		
	應用動物技術	Applied Animal Techniques	1 st or 2 nd	1 st or 2 nd	3	3		
	蛋白質化學與應用酵素學	Protein Chemistry and Applied Enzymology	1 st or 2 nd	1 st or 2 nd	3	3		
	進階基因工程	Advanced Genetic Engineering	1 st	2 nd	3	3		
	趨勢研究	Trend Research	1 st or 2 nd	1 st	3	3		

	科技論文發表	Scientific Paper Publication	1 st or 2 nd	2 nd	3	3		
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註：

1. 本地生欲修習全英文課程，英文成績須達多益 650 分、托福紙筆測驗 500 分、全民英檢中級或其他相同等級之英檢。

Taiwanese students, who want to join English-taught program, shall meet one of the language requirements, indicated below:

TOEIC-650 / TOEFL-500 (paper-based)/ GEPT-Intermediate Level/Equivalent test score of other English proficiency tests.

2. 總畢業學分數為 24 學分(含校、系定必修核心課程 5 學分與選修課程 19 學分)
Graduation requirement: 24 credits (including 5 credits of Required Courses and 19 credits of Elective Courses)

3. 學生需透過「臺灣學術倫理教育資源中心」線上平台修習指定課程6小時，並於課程總測驗成績達及格標準，始得申請學位考試

Students have to take a designated 6-hours course through the online platform of the "Taiwan Academic Ethics Education Resource Center" and pass the course test so they can apply for the degree exam.

系所主管簽章：

學院院長簽章：

國際及兩岸教育學院院長簽章：