

系所課程地圖 Department Curriculum Map

系所概要 Department Info	
系所名稱 Department Name	生物科技學士學位學程 Bachelor Program in Biotechnology
班別 Division	學士班 Bachelor's Program

教育目標 Educational Goals	編號 Number	項目內容 Content	
	1	數據處理分析能力的養成 Developing data processing and analysis capabilities	
	2	生命現象與運作機制知識的養成 Develop knowledge of life phenomena and operating mechanisms	
	3	物理現象與化學反應知識的養成 Develop knowledge of physical phenomena and chemical reactions	
	4	基礎試驗技能的養成 Developing basic experimental skills	
	5	專業試驗技術的養成 Cultivation of professional testing techniques	
	6	清晰思辨與邏輯推理能力的養成 Cultivate clear thinking and logical reasoning skills	
學生核心能力 Student Core Competencies	編號 Number	項目內容 Content	對應之教育目標編號 Corresponding Education Goal Number
	A	基礎學科知能 Basic subject knowledge	1、2、3
	B	初階學科知能 Beginner subject knowledge	2、3
	C	進階專業知能 Advanced professional knowledge	2、3
	D	實作技術能力 Implementation technical capabilities	4、5
	E	試驗設計能力 Experimental design capabilities	4、5
	F	實務開創能力 Practical innovation ability	5、6
	G	闡述表達能力 Elaborate expression skills	6
H	數據分析能力 Data analysis capabilities	1、6	

課程規劃表 Curriculum Plan

◎規劃單位：生物科技學士學位學程 Bachelor Program in Biotechnology

課程名稱	Course Title	規劃要點 (附註) Plans (Notes)				對應核心 能力編號 Core Competencies Number	建議 修課年級 Recommended Course Division	開課單位 Course Offering Unit	備註 Remarks
		1	2	3	4				
必修課程 Required Courses									
普通化學	General Chemistry	U	A	S	3	A 100%	一上 Freshman	化學系 Department of Chemistry	
有機化學	Organic Chemistry	U	A	S	3	A 100%	一下 Freshman	化學系 Department of Chemistry	
有機化學實驗	Practice on Organic Chemistry	U	B	S	1	D 100%	一下 Freshman	化學系 Department of Chemistry	
普通微生物學	General Microbiology	U	A	S	3	A 100%	一下 Freshman	植病系 Department of Plant Pathology	114 起更 改為選修 Change to elective from 2025
生物化學	Biochemistry	U	A	Y	6	A 100%	二全 Sophomore	生技學程 Bachelor Prgram in Biotechnology	
生物化學實習	Biochemistry Laboratory	U	B	S	2	D 100%	二下 Sophomore	食生系 Department of Food Science and Biotechnology	
分子生物學	Molecular Biology	U	A	S	3	B 100%	二下 Sophomore	農藝系 Department of Agronomy	
生物技術導論	Introduction to Biotechnology	U	A	S	3	B 100%	三上或三 下 Junior	植病系 Department in Plant Pathology 農資院 College of Agriculture and Natural Resources	
生物資訊	Bioinformatics	U	A	S	3	B 100%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	
細胞生物學	Cell Biology	U	A	S	3	B 100%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	

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		1	2	3	4				
專題研究 (一)	Special Topics Research(I)	U	A	S	1	D 40% E 20% G 20% H 20%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	
專題研究 (二)	Special Topics Research(II)	U	A	S	1	D 40% E 20% G 20% H 20%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	
專題討論	Seminar	U	A	S	1	G 60% H 40%	四上 Senior	生技學程 Bachelor Prgram in Biotechnology	
生物技術產官學 講座	Special Topics on Biotechnology	U	A	S	1	F 100%	四上 Senior	生技學程 Bachelor Prgram in Biotechnology	

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		1	2	3	4				
基礎選修課程 Basic Elective Courses									
普通生物學	General Biology	U	A	S	3	A 100%	一上 Freshman	昆蟲系 Department of Entomology	
普通化學實驗	General Chemistry and Lab	U	B	S	1	D 100%	一上 Freshman	化學系 Department of Chemistry	
普通物理學	General Physics	U	A	S	2	A 100%	一上 Freshman	物理系 Department of Physics	
微積分 (一)	Calculus	U	A	S	2	A 50% H 50%	一上 Freshman	應數系 Department of Applied Mathematics	101(2)修 改課名 Modify course title
普通微生物學	General Microbiology	U	A	S	3	A 100%	一下 Freshman	植病系 Department in Plant Pathology	114 起更 改為選修 Change to elective from 2025
農業英文	English for Agriculture	U	A	S	1	A 100%	一上、下 Freshman	農資學院 College of Agriculture and Natural Resources	111(1)增 Added
微積分 (二)	Calculus	U	A	S	2	A 50% H 50%	一下 Freshman	應數系 Department of Applied Mathematics	
分析化學	Analytic Chemistry	U	A	S	3	A 100%	一下 Freshman	化學系 Department of Chemistry	
分析化學實驗	Analytic Chemistry Lab	U	B	S	1	D 100%	一下 Freshman	化學系 Department of Chemistry	
普通微生物學實 驗	Experiments in General Microbiology	U	A	S	1	D 100%	一下 Freshman	植病系 Department in Plant Pathology	
生物統計學	Biometrics	U	A	S	3	B 100%	一上 Freshman	農藝系 Department of Agronomy	
生物統計學	Biometrics	U	A	S	3	B 100%	一下 Freshman	農藝系 Department of Agronomy	
遺傳學	Genetics	U	A	S	3	B 100%	二上 Sophomore	農藝系 Department of Agronomy	
遺傳學實習	Genetics Laboratory	U	B	S	1	D 100%	二上	農藝系	

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							Sophomore	Department of Agronomy	
遺傳學實驗	Lab in Genetics	U	B	S	1	D 100%	二上 Sophomore	農資學院 College of Agriculture and Natural Resources	109(1)增 Added
動物解剖生理學	Anatomy and Physiology of Animals	U	A	Y	4	A 100%	二全 Sophomore	動科系 Department of Animal Science	
獸醫細菌學	Veterinary Bacteriology	U	A	S	2	B 100%	二上 Sophomore	獸醫系 Department of Veterinary Medicine	99(1)增 Added
細菌學	Bacteriology	U	A	S	3	A 100%	二上 Sophomore	植病系 Department in Plant Pathology	
細菌學	Bacteriology	U	A	S	3	A 100%	二下 Sophomore	昆蟲系 Department of Entomology	100(1)增 Added 100(2)改 學分 Modify the number of credits
植物細菌學	Plant Bacteriology	U	A	S	2	B 100%	二上 Sophomore	植病系 Department in Plant Pathology	107(1)增 Added
植物細菌學實驗	Experiments in Plant Bacteriology	U	B	S	2	D100%	二上 Sophomore	植病系 Department in Plant Pathology	107(1)增 Added
食農教育(一)	Food and Agriculture Education (I)	U	A	S	3	B 30% D 40% G 30%	二上 Sophomore	農資學院 College of Agriculture and Natural Resources	104(1)增 Added
食農教育(二)	Food and Agriculture Education (II)	U	A	S	3	B 30% D 40% G 30%	二下 Sophomore	農資學院 College of Agriculture and Natural Resources	104(1)增 Added
儀器分析	Instrumental Analysis	U	A	S	3	C 100%	二下 Sophomore	化學系 Department of Chemistry	
儀器分析	Instrumental Analysis	U	A	S	3	C 100%	三上 Junior	化工系 Department of Chemical Engineering	
人體生理學	Human Physiology	U	A	S	3	A 100%	三上 Junior	食生系 Department of Food Science and Biotechnology	
普通免疫學	Immunology	U	A	S	3	A 100%	二上 Sophomore	生技學程 Bachelor Prgram in Biotechnology	99(1)增 Added
物理化學	Physical Chemistry	U	A	Y	3	A 100%	二上	化學系 Department of	106(2)增 Added

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							Sophomore	Chemistry	
物理化學	Physical Chemistry	U	A	Y	4	A 100%	二全 Sophomore	化學系 Department of Chemistry	99(1)增 Added
生物物理化學	Biophysical Chemistry	U	A	S	3	A 100%	三下 Junior	生科系 Department of Life Sciences	
發育生物學	Developmental Biology	U	A	S	3	C 100%	三下 Junior	生科系 Department of Life Sciences	99(1)增 Added
分子發育生物學	Molecular and Developmental Biology	U	A	S	3	B 20% C 30% E 30% H 20%	四上 Senior	生科系 Department of Life Sciences	99(1)增 Added
蛋白質純化技術 與原理	Technology and Principles of Protein Purification	U	A	S	2	B 100%	二下 Sophomore	動科系 Department of Animal Science	
蛋白質化學	Protein chemistry	U	A	S	2	B 100%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	107(1)增 Added
基因體與蛋白質 體學	Genomics and Proteomics	U	A	S	2	C 100%	四上 Senior	動科系 Department of Animal Science	
基因轉錄後及蛋 白質轉譯後調控	Post-Transcriptional Regulation and Post-translational Regulation	U	A	S	3	C 100%	大四以上 Senior	生化所 Graduate Institute of Biochemistry	112(3)增 Added 進階課程 advanced course
圖像解析分子結 構實務	Practical Approach of Biomolecular Graphics and Structural Analysis	U	A	S	3	D 50% E 50%	大四以上 Senior	生化所 Graduate Institute of Biochemistry	112(3)增 Added 進階課程 advanced course
蛋白結晶學導論	Introduction to Protein Crystallography	U	A	S	3	C 100%	大四以上 Senior	生化所 Graduate Institute of Biochemistry	112(3)增 Added 進階課程 advanced course
整合型生物資訊 工具在表觀轉錄 體學的應用	Application of Integrative Bioinformatic Tools in Epitranscriptome	U	A	S	2	C 50% D 50%	大四以上 Senior	生化所 Graduate Institute of Biochemistry	112(3)增 Added 進階課程 advanced course

植物生物科技領域專業選修課程 Plant Biotechnology Elective Courses

普通植物學	General Botany	U	A	S	3	A 100%	一上 Freshman	園藝系 Department of Horticulture	
植物育種學與實 習	Plant Breeding with Practice	U	AB	S	4	B 50% D 50%	二上 Sophomore	農藝系 Department of Agronomy	
木材化學及實驗	Wood Chemistry with Lab	U	AB	S	3	B 70% D 10%	二上 Sophomore	森林系 Department of	

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						E 20%		Forestry	
遺傳學與實習	Genetics :with Practice	U	AB	S	4	B 50% D 50%	二下 Sophomore	農藝系 Department of Agronomy	99(1)增 Added
植物基因工程技術	Techniques of Plant Genetic Engineering	U	AB	S	2	C 100%	三上 Junior	植病系 Department in Plant Pathology	
中草藥生產與利用	Production and Utilization of Herb Medicine	U	A	S	3	C 100%	三上 Junior	農藝系 Department of Agronomy	
有機農場經營與管理	Organic Farming	U	A	S	2	B 100%	三下 Junior	農藝系 Department of Agronomy	99(1)增 Added
有機農場經營與管理	Operation and Management of Organic Farm	U	A	S	3	B 40% D 30% G 30%	三下 Junior	農資學院 College of Agriculture and Natural Resources	104(1)增 Added
永續農業政策研究	Policy Study of Sustainable Agriculture	U	A	S	2	A 50% G 50%	三下 Junior	農資學院 College of Agriculture and Natural Resources	104(1)增 Added
園藝植物組織培養	Tissue Culture of Horticultural Plants	U	AB	S	3	B 100%	三下 Junior	園藝系 Department of Horticulture	
藥用作物學	Pharmaceutical Crop Science	U	A	S	2	B 100%	三下 Junior	農藝系 Department of Agronomy	
植物生物科技專題介紹	Current Topics in Plant Biotechnology	U	A	S	2	C 100%	四上 Senior	植病系 Department in Plant Pathology	98(2)增 Added
植物生物技術	Plant Biotechnology	U	A	S	3	A 40% B 20% C 20% H 20%	四上 Senior	農藝系 Department of Agronomy	
作物分子遺傳學概論	Plant Molecular Biology	U	A	S	3	B 100%	四下 Senior	農藝系 Department of Agronomy	
木材成分之生化特性與其生合成	Biochemistry and Biosynthesis of Wood Components	U	A	S	2	C 70% G 30%	四下 Senior	森林系 Department of Forestry	99(1)增 Added
植物訊息傳遞	Plant Signal Transduction	U	A	S	2	B 70% E 10% G 10% H 10%	四下 Senior	生科系 Department of Life Sciences	111(1)增 Added 進 階課程 advanced course
動物生物科技領域專業選修課程 Animal Biotechnology Courses									
普通動物學	General Zoology	U	A	S	2	A 100%	一上 Freshman	獸醫系 Department of	改學分數

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生物醫學通論	Basic Concepts in Biomedical Sciences	U	A	S	3	A 100%	一下 Freshman	獸醫系 Department of Veterinary Medicine	99(1)增 Added
胚胎學	Embryology	U	A	S	2	B 100%	一下 Freshman	獸醫系 Department of Veterinary Medicine	
獸醫病毒學	Veterinary Virology	U	A	S	2	B 100%	二上 Sophomore	獸醫系 Department of Veterinary Medicine	99(1)增 Added
動物發生學	Animal Development	U	A	S	2	B 100%	二下 Sophomore	動科系 Department of Animal Science	
動物解剖生理學 實習	Practice on Anatomy and Physiology of Animals	U	A	Y	2	D 100%	二全 Sophomore	動科系 Department of Animal Science	
獸醫免疫學	Veterinary Immunology	U	A	S	2	B 100%	二下 Sophomore	獸醫系	99(1)增 Added
動物育種學	Animal Breeding	U	A	S	2	B 100%	二下 Sophomore	動科系 Department of Animal Science	
毒理學概論	Basics of Toxicology	U	A	S	3	A 30% B 30% C 20% G 20%	二下 Sophomore	生技學程 Bachelor Prgram in Biotechnology	101(1)增 Added
動物生殖生物學	Animal Reproductive Biology	U	A	S	2	B 100%	三上 Junior	動科系 Department of Animal Science	
動物生殖生物學 實習	Animal Reproductive Biology Lab	U	B	S	1	D 100%	三上 Junior	動科系 Department of Animal Science	
轉譯基因體醫學	Genomic Translational Medicine	U	A	S	2	A 40% C 30% E 30%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	101(1)增 Added
基礎癌症醫學	Basic Cancer Medicine	U	A	S	2	B 40% C 40% E 20%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	101(1)增 Added
腫瘤細胞學	Tumor Cell Biology	U	A	S	2	C 100%	三下 Junior	生科系 Department of Life Sciences	99(1)增 Added
動物內分泌學	Animal Endocrinology	U	A	S	2	C 100%	四上 Senior	動科系 Department of Animal Science	
動物複製與胚幹 細胞	Animal Cloning and Embryonic Stem Cells	U	A	S	2	C 100%	四下 Senior Senior	動科系 Department of Animal Science	

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動物生物技術	Animal Biotechnology	U	A	S	3	C 100%	四下 Senior	動科系 Department of Animal Science	
幹細胞與醫學特 論	Special Topics in Stem Cell and Medicine	U	A	S	3	C 100%	四下 Senior	生科系 Department of Life Sciences	99(1)增 Added
微生物生物科技領域專業選修課程 Microbial Biotechnology Elective Courses									
細菌學實驗	Experiments in Bacteriology	U	B	S	2	D 100%	二上 Sophomore	植病系	
土壤環境微生物 學	Soil Environmental Microbiology	U	A	S	2	C 100%	二上 Sophomore	土環系 Department of Soil and Environmental Sciences	99(1)增 Added
食品感官品評	Food Sensory Evaluation	U	A	S	2	B 60% D 20% H 20%	二上 Sophomore	生技學程 Bachelor Prgram in Biotechnology	111(1)增 Added
再生能源概論	Introduction to Renewable Energy	U	A	S	2	B 100%	二上 Sophomore	森林系 Department of Forestry	99(1)增 Added
生質能源	Biomass Energy	U	A	S	2	C 100%	二下 Sophomore	森林系 Department of Forestry	99(1)增 Added
精釀啤酒釀造	Craft Beer Brewing	U	A	S	1	A 50% D 50%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	110(1)增 Added
食品生物技術專 題演講	Food Biotechnology	U	A	S	2	C 80% F 20%	三上 Junior	食生系 Department of Food Science and Biotechnology	原名:食品 生物技術 109(1)更名
發酵學	Fermentation	U	A	S	2	C 100%	三上 Junior	食生系 Department of Food Science and Biotechnology	原名:食品 發酵學 101(1)更名
生化工程導論	Introduction to Biochemical Engineering	U	A	S	2	B 100%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	102(2)增 Added
生化工程	Biochemical Engineering	U	A	S	3	C 100%	三下 Junior	化工系 Department of Chemical Engineering	99(1)增, Added
生物催化	Biocatalysis	U	A	S	3	A 50% B 30% G 20%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	106(1)增 Added
脂質生物技術	Lipid Biotechnology	U	A	S	3	A 20% E 50% F 30%	四上 Senior	生技學程 Bachelor Prgram in Biotechnology	106(1)增 Added
醱酵工程理論與 實務	Fermentation Theory with Practice	U	A	S	3	C 60% F 40%	四下 Senior	化工系 Department of Chemical	99(1)增 Added

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March 3, 2025

課程規劃表 Curriculum Plan

◎規劃單位：生物科技學士學位學程 Bachelor Program in Biotechnology

								Engineering	
土壤生物技術	Soil Biotechnology	U	A	S	3	C 100%	四上 Senior	土環系 Department of Soil and Environmental Sciences	
應用微生物	Applied Microbiology	U	A	S	3	C 60% F 40%	四上 Senior	食生系 Department of Food Science and Biotechnology	
釀酒微生物學	Brewing Microbiology	U	A	S	2	A 10% B 10% C 40% D 20% F 10% G 10%	四上 Senior	生技學程 Bachelor Prgram in Biotechnology	109(2)增 Added
食品奈米科技導 論	Introduction to Food Nanotechnology	U	A	S	2	B 100%	四上 Senior	食生系 Department of Food Science and Biotechnology	
微生物遺傳學	Microbial Genetics	U	A	S	3	B 100%	四上 Senior	生科系 Department of Life Sciences	
生物資訊暨生醫機電領域專業選修課程 Bioinformatics and Biomedical Engineering Elective Courses									
計算機概論	Introduction to Computer Science	U	A	S	3	A 70% D 30%	一上 Freshman	生機系 Department of Bio-industrial Mechatronics Engineering	
資料結構	Applied Statistics	U	A	S	3	B 50% D 50%	二下 Sophomore	生機系 Department of Bio-industrial Mechatronics Engineering	
資料庫管理系統 導論	Introduction to Database Management System	U	A	S	3	A 100%	三下 Junior	資工系 Department of Computer Science and Engineering	
演化生物學	Evolutionary Biology	U	A	S	2	B 100%	二上 Sophomore	昆蟲系 Department of Entomology	
生物醫學材料	Biomaterials	U	A	S	3	B 100%	二上 Sophomore	化工系 Department of Chemical Engineering	停開由生 命科學與 工程取代 Closed and replaced by Life Sciences and Engineeri ng

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生命科學與工程	Life Sciences and Engineering	U	A	S	3	B 30% C 30% F 40%	二上 Sophomore	化工系 Department of Chemical Engineering	102(2)增 Added
生物材料概論	Introductions to Biological Materials	U	A	S	3	B 70% G 30%	三上 Junior	生機系 Department of Bio-industrial Mechatronics Engineering	二年一次 Once every two years
生物醫學工程概論	Introduction to Biomedical Engineering	U	A	S	3	B 50% E 20% G 30%	二上 Sophomore	生技學程 Bachelor Prgram in Biotechnology	106(2)增 Added
奈米科技之生醫應用	Nanotechnology in Medical Applications	U	A	S	3	B 50% E 20% G 30%	二下 Sophomore	生技學程 Bachelor Prgram in Biotechnology	105(1)增 Added
生物材料物性分析	Analysis of physical properties of biomaterials	U	A	S	3	B 70% G 30%	三上 Junior	生機系 Department of Bio-industrial Mechatronics Engineering	99(2)增 Added 二年一次 Once every two years
生物醫學工程新知與應用	New Technologies and Applications of Biomedical Sciences	U	A	S	2	A 60% E 10% F 10% G 10% H 10%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	111(2)增 Added
生醫工程技術與分析	Biomedical Engineering Technology and Analysis	U	A	S	3	A 60% C 10% E 10% G 10% H 10%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	111(2)增 Added
微機電概論	Introduction to MEMS	U	A	S	3	B 70% G 30%	三下 Junior	生機系 Department of Bio-industrial Mechatronics Engineering	99(1)增 Added
分子演化學	Molecular Evolution	U	AB	S	3	C 100%	三下 Junior	生科系 Department of Life Sciences	99(1)增 Added
生理訊號量測與實作	Physiological Signal Measurement and Practice	U	A	S	3	A 30% B 20% C 10% D 20% G 20%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	111(1)增 Added
商業工程和外科技術課程-創新微創醫療器材設計	B.E.S.T (Business Engineering Surgical Technologies) Program	U	A	S	3	C 20% D 20% E 20% F 20% G 20%	大四以上 Senior	醫工所 Graduate Institute of Biomedical Engineering	112(3)增 Added 進階課程 EMI 課程 advanced course
醫療器材國際行	International	U	A	S	3	B 30%	大四以上	醫工所	112(3)增 Added

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銷與研發創新創業	Marketing and Research and Development Innovation Entrepreneurship in Medical Equipment					C 30% F 40%	Senior	Graduate Institute of Biomedical Engineering	進階課程 advanced course
智慧醫材開發實作	The Developments and Experimental Exercises of Smart Medical Applications	U	A	S	1	A 20% B 20% D 20% E 20% F 20%	大四以上 Senior	醫工所 Graduate Institute of Biomedical Engineering	112(3)增 Added 進階課程 advanced course
智慧醫材開發產業實習	Internship of Biomaterial and Medical Device Development	U	C	S	1	A 20% D 20% E 20% F 20% G 20%	大四以上 Senior	醫工所 Graduate Institute of Biomedical Engineering	112(3)增 Added 進階課程 advanced course
智財暨行銷管理領域專業選修課程									
Intellectual Propriety and Management Elective Courses									
企業概論	Introduction to Business	U	A	S	3	F 100%	一上 Freshman	企管系	
管理學	Management	U	A	S	3	C 50% F 50%	一下 Freshman	管理學院	
行銷導論 (一)	Introduction to Marketing I	U	A	S	2	B 80% F 20%	二上 Sophomore	行銷系	99(1)增 Added
產業經濟學	Economics of Industrial Organization	U	A	S	3	A 40% F 60%	二上 Sophomore	應經系 Department of Applied Economics	
行銷管理	Marketing Management	U	A	S	3	B 60% G 20% H 20%	二下 Sophomore	企管系 Department of Business Administration	
國際企業管理	International Business Management	U	A	S	3	F 100%	三上 Junior	企管系 Department of Business Administration	
生物經濟產業	Industries in Bio-economy	U	A	S	3	C 30% F 30% G 40%	四上 Senior	應經系 Department of Applied Economics	105(1)增 Added
食品安全與消費者保護	Food Safety and Consumer Protection	U	A	S	2	A 100%	二上 Sophomore	生技學程 Bachelor Prgram in Biotechnology	105(2)增 Added
智慧財產權法導論	General Introduction to Intellectual Property Law	U	A	S	3	A 60% B 40%	二上 Sophomore	生技學程 Bachelor Prgram in Biotechnology	101(2)增 Added

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專利法規	Patent Law	U	A	S	3	A 30% B 40% C 40%	二下 Sophomore	生技學程 Bachelor Prgram in Biotechnology	101(2)增 Added
生醫科技倫理	Biomedical Ethics	U	A	S	3	F 100%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	100(2)增 Added
生物科技智慧財產權法	Biotechnology and Intellectual Property Law	U	A	S	2	F 100%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	100(2)增 Added
專利申請及檢索	Patent Application and Patent Search	U	A	S	3	C 40% D 40% F 20%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	100(2)增 Added
技術評估與鑑價	Technology Analysis and Valuation	U	A	S	3	F 100%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	100(2)增 Added
技術轉移與授權	Technology Transfer and Licensing	U	A	S	3	F 100%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	100(2)增 Added
行政救濟法	Administrative Remedies Procedure	U	A	S	2	A 40% B 40% F 10% G 10%	四上 Senior	法律系 Department of Law	101(2)增 Added
生物產業科技與管理	Technology and Management of Bio-Industry	U	C	S	2	A 20% F 50% G 20% H 10%	三上 Junior	生技學程 Bachelor Prgram in Biotechnology	107(1)增 Added
生技產品設計與開發	Design and Development of Bio-Products	U	C	S	2	A 20% F 50% G 20% H 10%	三下 Junior	生技學程 Bachelor Prgram in Biotechnology	107(1)增 Added

- 1.本學程學生畢業時須修滿至少 128 學分，包括：(1)語文及通識教育等必修 28 學分(2)學程專業必修與學程專業選修共 100 學分。Students of this program must complete a minimum of 128 credits upon graduation, including: (1) 28 credits of required courses such as language and general education and (2) 100 credits of required courses and elective courses.
- 2.本學程選修課程，除表列者外，其他跨院或跨系之課程(進修學院除外)，皆列計為畢業學分數。Except for the elective courses listed in the table, all other cross-college or cross-department courses (except the School of Continuing Studies) of this program will be counted as graduation credits.
- 3.校際選課須符合本校規定。Inter-school course selection must comply with the school's regulations.
- 4.上列科目時間係參考開課單位所列，同學得依個人情況選課，不受表中規定年級或學期別限制。The course schedules listed above are based on the course units. Students can choose courses based on their personal circumstances and are not restricted by the grade or semester specified in the table.

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