

國立交通大學 生醫產業經營與法律 學分學程實施辦法

- 一、為培養生醫產業經營與法律人才，依據「國立交通大學各學院系設置學程實施細則」，特訂定本學程。
- 二、本校學生，均得申請修讀本學程。
- 三、凡依「學分學程課程規劃表」選課規定修畢 18 學分者，由本校發給學程修畢證明。
- 四、本學程主要由科技法律學院、生物科技學院及**管理學院**提供課程。在其他學校系所曾修過之同名或同性質課程，不得抵免本學程學分。**部分課程可能與在職專班併班上課，學生修課時可至在職專班課程列表選課。**
- 五、修習本學程之同學，應於開始修習前至科技法律學院辦理學程登記，以利進行必要之輔導及學程有關事項之連繫。

學分學程課程規劃表

- 一、學程名稱：生醫產業經營與法律(Law and Management of Biomedical Industry)
- 二、學程架構及開課系所

編號	課程名稱	開課系所	學分數	要求
1	生物科技法律	科技法律學院	3	核心課程：必選一門
2	醫療法律與政策	科技法律學院	3	
3	法律總論與實務	科技法律學院	3	基礎法學：非科技法律學院學生必選一門
4	民法總則	科技法律學院	3	
5	民法債編總論	科技法律學院	3	
6	憲法	科技法律學院	3	
7	行政法	科技法律學院	3	
8	美國憲法	科技法律學院	3	
9	美國法導論	科技法律學院	3	
10	美國契約法	科技法律學院	3	
11	美國侵權法	科技法律學院	3	
12	生物醫學概論	科技法律學院	2	
13	生物醫學技術概論	生物科技學院	3	
14	生物化學(一)	生物科技學院	3	
15	生物化學(二)	生物科技學院	3	
16	細胞生物學(一)	生物科技學院	2	
17	細胞生物學(二)	生物科技學院	2	
18	分子生物學(一)	生物科技學院	3	
19	分子生物學(二)	生物科技學院	3	
20	計算生物概論	生物科技學院	2	產業經營課程：必選一門
21	生醫法律實務：從研發到上市	科技法律學院	2	
22	智慧醫院管理與實務	管理學院資訊管理研究所	3	
23	生物科技產業趨勢與分析	生物科技學院	3	
24	生技產業法規實務概論	生物科技學院	2	
25	醫療機構與健保	科技法律學院	2	一般選修課程：

26	比較醫療法	科技法律學院	2	必選一門	
27	醫事法律專題-醫療糾紛與爭訟	科技法律學院	2		
28	生命科技法律與倫理	科技法律學院	3		
29	醫療與社會正義	科技法律學院	2		
30	公共衛生法	科技法律學院	2		
31	銀髮族法	科技法律學院	2		
32	臨床試驗管制實務	科技法律學院與 生物科技學院	2		
33	生物科技與跨國規範	科技法律學院	2		
34	食品安全與法律	科技法律學院	2		
35	美國藥事法	科技法律學院	2		
36	生醫智慧財產權法	科技法律學院	2		
37	生醫資訊隱私權法	科技法律學院	2		
38	生物科技之專利趨勢分析	生物科技學院	3		
39	專利法與實務專題	科技法律學院	3		
40	專利撰寫申請與審查	科技法律學院	3		
41	生醫法律案例研析	科技法律學院	3		進階選修課程
42	生物科技與醫療法律研究專題	科技法律學院	2		
43	腫瘤生物學	生物科技學院	3		
44	人體生理學	生物科技學院	3		
45	微生物學	生物科技學院	3		
46	醫學微生物	生物科技學院	2		
47	免疫學	生物科技學院	3		
48	神經科學	生物科技學院	3		
49	轉譯醫學:病理學	生物科技學院	2		
50	轉譯醫學概論	生物科技學院	3		
51	組織學	生物科技學院	3		
52	智慧型機器學習與電腦輔助藥物設計	生物科技學院	3		
53	生醫科學與工程特論	生物科技學院	3		

三、召集人姓名：陳鈺雄 單位：科技法律學院

四、連絡人姓名：鄔嫚君 單位：科技法律學院

NCTU Implementation Measures of the Law and Management of Biomedical Industry Program

1. The program is provided in accordance with the NCTU Guidelines for Establishing Programs for Colleges and Departments, in pursuant to develop student's ability of management and legal practices in biotechnology and medical industries.
2. This program is open to all students enrolled in NCTU.
3. A student who satisfactorily completes 18 credits according to the Tentative Courses and Credits Table shall receive a Program Certificate conferred by the University.
4. Courses of this program are mainly offered by the School of Law and the College of Biological Science and Technology. Credits of courses of similar names or nature offered by other departments or universities shall not be accounted.
5. Enrollment registration is processed at the School of Law office. Students who wish to participate in this program should complete registration at the beginning of each semester.

Tentative Courses and Credits Table

1. Program: Law and Management of Biomedical Industry
2. Courses, Credits, Departments and Requirements

No.	Course	Department	Credit	Requirement
1	Biotechnology Laws	School of Law	3	Mandatory 1 of 2
2	Law and Medicine	School of Law	3	
3	Introduction to Law and Legal Practice	School of Law	3	Mandatory for non-law students
4	General Principles of Civil Laws	School of Law	3	
5	Civil Laws : General Provisions for Obligations	School of Law	3	
6	Constitution Law	School of Law	3	
7	Administrative Law	School of Law	3	
8	American Constitutional Law	School of Law	3	
9	Introduction US Law	School of Law	3	
10	American Law of Contracts	School of Law	3	
11	American Law of Torts	School of Law	3	
12	Introduction to Biomedicine	School of Law	2	
13	Biomedical technology	College of Biological Science and Technology	3	
14	Biochemistry (I)	College of Biological Science and Technology	3	
15	Biochemistry (II)	College of Biological Science and Technology	3	
16	Cell Biology (I)	College of Biological Science and Technology	2	
17	Cell Biology (II)	College of Biological Science and Technology	2	
18	Molecular Biology (I)	College of Biological Science and Technology	3	
19	Molecular Biology (II)	College of Biological Science and Technology	3	
20	Introduction to Computaional Biology	College of Biological Science and Technology	2	
21	Biotechnology Law Practice: From Laboratory to Market	School of Law	2	Mandatory 1 of 4
22	Smart Hospital in Practice	College of Management, Institute of Information Management	3	
23	Biotechnology Industry Trends and Analysis	College of Biological Science and Technology	3	
24	Bio-Industry Regulation and	College of Biological Science and Technology	2	

	Registration Overview			
25	Health Care Organizations and National Health Insurance	School of Law	2	Selective 1 of 16
26	Comparative Health Law	School of Law	2	
27	Special Topics on Medical Law-Medical Malpractice and Litigation	School of Law	2	
28	Biotechnology Law and Ethics	School of Law	3	
29	Medicine and Social Justice	School of Law	2	
30	Public Health Law	School of Law	2	
31	Elder Law	School of Law	2	
32	Clinical Trial Law and Regulations	School of Law/College of Biological Science and Technology	2	
33	Bio-technology and Transnational Law	School of Law	2	
34	Food Safety and the Law	School of Law	2	
35	American Pharmaceutical Law	School of Law	2	
36	Medical Intellectual Property Law	School of Law	2	
37	Biomedical Information Privacy Law	School of Law	2	
38	Patent Analysis of Biotechnology	College of Biological Science and Technology	3	
39	Seminar on Patent Law and Practice	School of Law	3	
40	Advanced Patent Writing and Prosecution	School of Law	3	
41	Case Study on Health and Biomedical Law	School of Law	3	Advanced
42	Health and Biomedical Law Seminar	School of Law	2	
43	Oncology	College of Biological Science and Technology	3	
44	Human Physiology	College of Biological Science and Technology	3	
45	Microbiology	College of Biological Science and Technology	3	
46	Medical Microbiology	College of Biological Science and Technology	2	
47	Immunology	College of Biological Science and Technology	3	
48	Neuroscience	College of Biological Science and Technology	3	
49	Translational Medicine:Pathology	College of Biological Science and Technology	2	
50	Translational Medicine	College of Biological Science and Technology	3	
51	Histology	College of Biological Science and Technology	3	
52	Intelligent Machine Learning and Computer-aided Drug Design	College of Biological Science and Technology	3	
53	Special Topics in Biomedical Sciences and Engineering	College of Biological Science and Technology	3	

3. Program Director: Chih-Hsiung Chen (School of Law)

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