

生技醫藥產業碩士學位學程 114學年度課程地圖
Course Curriculum for Master Students in Biotechnology and
Pharmaceutical Industries Program (for Students Starting Fall 2025)

必修課 Required Courses (12 Credits)

生技醫藥產業概論2(碩) Studies in Biotech- Pharmaceutical Industry	生技產品開發與智財管理3(碩) Biotech Product Development and Intellectual Property Management	生醫產業研發管理3(碩) Research and Design Management in Bioindustry	專題討論2(碩)x2 Seminar
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領域進階課程(至少選1科) Core Elective Courses(Select at Least One)

生態學與演化領域 Ecology and Evolution	細胞生物暨分子醫學領域 Cellular and Molecular	生理學領域 Physiology
演化生物學 3 (碩博) Evolutionary Biology 進階生態學 3-英(碩博) Advanced Ecology -E	細胞及分子生物學 3 (碩博) Cellular and Molecular Biology 實驗生物學研究方法 2 (碩博) Research Methods of Experimental Biology 生物技術 3 (大碩) Biotechnology 幹細胞生物學 3 (大碩) Stem Cell Biology	現代生理學 3 (碩) Modern Physiology 實驗生理學 2 (碩博) Experimental Physiology 動物生理學特論(一) 2 (碩博) Topics on Animal Physiology (I) 動物生理學特論(二) 2 (碩博) Topics on Animal Physiology (II)



選修課 Elective Courses

專屬課程 Exclusive courses	實習課程 Industry courses	院內課程 School courses
<u>生技醫藥產業學程開設</u> 生技醫藥產業特論3(碩) Topics on Biotech- Pharmaceutical Industry 中西醫藥產業面面觀3(碩) Pharmaceutical Industry Aspects on Chinese and Western Medicine 轉譯醫學 2 (碩) Translational Medicine 分析儀器在生醫產業的運用 2 (碩) Application of analytic instruments in Biomedical industry 生醫產業智財特論3(碩) Special Topics of Intellectual Property in Biomedical Industry 生醫產品創新與創業管理 2 (碩) Biomedical Product Innovation and Entrepreneurship Management 生技醫藥產業創業風險管理與節稅規 劃 2 (碩) Management of Entrepreneurial Risk and Tax Planning in Biotechnology Industry <u>生科系開設</u> 生物醫學工程概論 3 (大碩) Introduction to Biomedical Engineering 生醫材料概論 3-英 (大碩) Introduction to Biomaterials-E <u>光電所開設</u> 生醫晶片製程技術 3 (碩博) Bio-Chips Manufacturing Technology	<u>生技醫藥產業學程開設</u> 海外生技醫藥產業實習 3(碩) Internship in Overseas Biotech- Pharmaceutical Industry 國內生技醫藥產業實習 3(碩) Internship in Domestic Biotech- Pharmaceutical Industry <u>生科系開設</u> 產業實習 3 (大碩博) Industrial Practice	<u>生科系開設</u> 生科所有課程均列入選修 All courses in Life Science department <u>營養學程開設</u> 保健食品特論 3 (碩) Topics in Functional Foods

畢業24學分
Graduation (24 Credits)