

銘傳大學健康暨醫學工程學院

『生醫科技管理學分學程』課程架構表

Biomedical Technology Management Focused Course Program

課程類型 Course	科目代號 Account code	課程名稱 Course Title		學分數 credits	備註 Remark
必修 Required Courses	39104	普通生物學(一) General Biology I	二擇一 Choose one	3	生科系、醫工系二選一 Choose one from Department of Biotechnology or Department of Biomedical Engineering
必修 Required Courses	39125	普通生物學(一)(英) General Biology I(E)		3	生科系 Department of Biotechnology
必修 Required Courses	67115	普通生物學 General Biology		3	生科系、醫工系二選一 Choose one from Department of Biotechnology or Department of Biomedical Engineering
必修 Required Courses	39105	普通生物學實驗(一) General Biology Lab I	二擇一 Choose one	1	生科系、醫工系二選一 Choose one from Department of Biotechnology or Department of Biomedical Engineering
必修 Required Courses	39126	普通生物學實驗(一)(英) General Biology Lab I(E)		1	生科系 Department of Biotechnology
必修 Required Courses	67116	普通生物學實驗 General Biology Lab		1	生科系、醫工系二選一 Choose one from Department of Biotechnology or Department of Biomedical Engineering

課程類型 Course	科目代號 Account code	課程名稱 Course Title		學分數 credits	備註 Remark
必修 Required Courses	39121	基礎化學 Fundamental Chemistry	二擇一 Choose one	3	生科系替代科目 普通化學 39101 Department of Biotechnology Alternative Course General Chemistry
必修 Required Courses	39123	基礎化學 (英) Fundamental Chemistry (E)		3	
必修 Required Courses	39212	生物化學 (一) Biochemistry I	二擇一 Choose one	4	生科系、醫工系二選一 Choose one from Department of Biotechnology or Department of Biomedical Engineering
必修 Required Courses	39219	生物化學 (一)(英) Biochemistry I(E)		4	
必修 Required Courses	67226	生物化學 Biochemistry		3	生科系、醫工系二選一 Choose one from Department of Biotechnology or Department of Biomedical Engineering
必修 Required Courses	生科：39253 醫工：67245	程式設計(一) Programming Design I		2	生科系、醫工系 Department of Biotechnology, Department of Biomedical Engineering
必修 Required Courses	生科：39254 醫工：67246	程式設計(二) Programming Design II		2	醫工系 Department of Biomedical Engineering
必修 Required Courses	67128	物理學 Physics		3	醫工系 Department of Biomedical Engineering
必修 Required Courses	39316	分子生物學 Molecular Biology		3	生科系 Department of Biotechnology

課程類型 Course	科目代號 Account code	課程名稱 Course Title	學分數 credits	備註 Remark
選修 Elective Courses	40244	管理學 Management	3	醫管系、資管系、觀光系、 休憩系、餐旅系 Department Healthcare Information and Management Department of Information Management Department of Tourism Leisure and Recreation Management Department of Hospitality Management
選修 Elective Courses	35451	財務管理 Financial Management	3	統資系、資管系 Department of Applied Statistics and Information Science Department of Information Management
選修 Elective Courses	08121	普通心理學(一) Introduction to Psychology I	3	諮商臨床與工商心理學系 Department of Counseling, Clinical and Industrial/Organizational Psychology
選修 Elective Courses	08122	普通心理學(二) Introduction to Psychology II	3	諮商臨床與工商心理學系 Department of Counseling, Clinical and Industrial/Organizational Psychology
選修 Elective Courses	55124	經濟學 Economics	3	統資系、觀光系、休憩系、 餐旅系 Department of Applied Statistics and Information Science Department of Tourism Leisure and Recreation Management

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				Department of Hospitality Management
選修 Elective Courses	40111	經濟學(一) Economics I	3	醫管系、經濟系、資管系 Department Healthcare Information and Management Department of Economics and Finance Department of Information Management
選修 Elective Courses	52122	會計學 Accounting	3	統資系、經濟系、觀光系、 休憩系、餐旅系 Department of Applied Statistics and Information Science Department of Economics and Finance Department of Tourism Leisure and Recreation Management Department of Hospitality Management
選修 Elective Courses	52124	會計學(一) Accounting I	3	資管系、醫管系 Department of Information Management Department Healthcare Information and Management
選修 Elective Courses	40131	普通心理學 Introduction to Psychology	3	醫管系 Department Healthcare Information and Management
選修 Elective Courses	40132	組織管理 Organizational Management	3	醫管系 Department Healthcare Information and Management
選修 Elective Courses	40232	人力資源管理 Human Resource Management	3	醫管系、諮商臨床與工商心理學系、餐旅系 Department Healthcare

課程類型 Course	科目代號 Account code	課程名稱 Course Title	學分數 credits	備註 Remark
				Information and Management Department of Counseling, Clinical and Industrial/Organizational Psychology Department of Hospitality Management
選修 Elective Courses	40433	醫療行銷(英) Healthcare Marketing (E)	3	醫管系 Department Healthcare Information and Management
選修 Elective Courses	13294	行銷管理 Marketing Management	3	資管系、諮商臨床與工商心 理學系、統資系 Department of Information Management Department of Counseling, Clinical and Industrial/Organizational Psychology Department of Applied Statistics and Information Science
選修 Elective Courses	67255	醫儀品質驗證系統 Medical Instrument Quality Verification System	3	醫工系 Department of Biomedical Engineering
選修 Elective Courses	67460	專利工程 Patent Engineering	3	醫工系 Department of Biomedical Engineering
選修 Elective Courses	67325	生物統計學 Biostatistics	3	醫工系 Department of Biomedical Engineering
選修 Elective Courses	39455	生物科技專利及智慧 財產權 Intellectual Property Rights and Patents in Biotechnology	2	生科系 Department of Biotechnology
選修	63272	科技與法	2	法律系

課程類型 Course	科目代號 Account code	課程名稱 Course Title	學分數 credits	備註 Remark
Elective Courses		Technology and Law		Law Department
選修 Elective Courses	13941	資訊科技與知識管理 Information Technology and Knowledge Management	3	資管系 Information Management Department
選修 Elective Courses	13969	創新與資訊科技管理 Innovation and Information Technology Management	3	資管系 Information Management Department
選修 Elective Courses	39451	生物科技產業 Biotechnology Industry	2	生科系 Department of Biotechnology

備註：

1. 修習本學程學生必須修畢 14 學分必修課程及 6 學分選修課程，共 20 學分，其中至少應有 6 學分不屬於學生原學系及輔系之科目。

Students must complete 14 credits of required courses and 6 credits of elective courses, a total of 20 credits, of which at least 6 credits should not belong to the students of the original Department and auxiliary subjects

2. 本必選修科目表之選修課程，可追溯至 110 學年度以前申請學生適用。

The required and elective courses in this academic year can be applied retroactively to students who entered the university prior to the 2016-2017 academic year

3. 修習本系專業課程者，經系主任同意後可修本系相同名稱(英)之課程，並可列入畢業學分，可追溯至 112 學年度以前入學學生適用。

When taking professional courses, students can choose the same course name or the same course name (E) as substitutions under the approval of the department chair. These courses can be regarded as graduation credits and applied retroactively to students who entered the university before the 2023-2024 academic year.

法規名稱(修正後)	法規名稱(修正前)	說明
銘傳大學健康暨醫學工程學院 『生醫科技管理學分學程』課程架構表	銘傳大學健康科技學院 『生醫科技管理學分學程』課程架構表	依健康暨醫學工程學院更名，修正課程架構表名稱。

修改前				修改後			
課程類型	課程名稱	學分數	備註	課程類型	課程名稱	學分數	備註
選修	普通心理學 (一)	3	諮商與工商 心理學系	選修	普通心理學 (一)	3	諮商臨床與工商 心理學系
選修	普通心理學 (二)	3	諮商與工商 心理學系	選修	普通心理學 (二)	3	諮商臨床與工商 心理學系
選修	人力資源管理	3	醫管系、心理 系、餐旅系	選修	人力資源管理	3	醫管系、諮商 臨床與工商心 理學系、餐旅 系
選修	行銷管理	3	資管系、心理 系、統資系	選修	行銷管理	3	資管系、諮商 臨床與工商心 理學系、統資 系