生物醫學暨工程學系碩士班--核心能力指標及畢業門檻檢核機制
Department of Biomedical Sciences and Engineering (Master Program)
Core Competency Indicators and Requirements for Graduation

(僅列最近修正之紀錄)
中華民國 112 年 06 月 15 日系務會議修正通過
Last revised: June 15, 2023

姓名 Name：【　　】　　學號 Student ID No.：【　　】

項目 Item	核心能力 Core Competency	檢核機制 Requirements	達成度檢核 Completeness
核心能力指標 Core Competency Indicators	1. 具備生物科技及醫學工程之專業知識。 Acquired professional knowledge of Biotechnology and Medical Engineering.	修畢碩士班必修課程並且及格。 Acquired all required credits for master's program.	□已達成 Yes □未達成 No 系所簽核 Admin. Signature：
		修畢工程數學與生理學相關課程至少各 3 學分(學士班時期修畢者可認列)。 Acquired at least 3 credits in relevant courses of both Engineering Mathematics and Physiology (credits waiver is applicable for those who have completed these courses during their undergraduate studies).	□已達成 Yes □未達成 No 系所簽核 Admin. Signature：
	2. 具備專業科學表達、邏輯推理及技術整合能力。 Possessing professional skills in scientific presentation, logical reasoning, and technical integration.	通過專題討論課程評核，並且完成碩士論文。 Passed seminar Ⅰ, Ⅱ, Ⅲ, Ⅳ and completed thesis.	□已達成 Yes □未達成 No 指導教師簽核 Mentor Signature：
		於校內(外)生物醫學工程領域學術研討會進行研究發表展演至少 1 次。 Poster or oral presentation at Biomedical Sciences and Engineering related conferences at least once before graduation.	□已達成 Yes □未達成 No 系所簽核 Admin. Signature：
		依規定時程進行論文口頭進度報告 Progress report on schedule.	□已達成 Yes □未達成 No 系所簽核 Admin. Signature：
	3. 具備生物科技及醫學工程之資料分析應用及問題解決能力。 Having the ability to perform data analysis and application, as well as problem-solving skills in the fields of Biotechnology and Biomedical Engineering.	通過碩士論文口試。 Oral defense of master's thesis.	□已達成 Yes □未達成 No 指導教師簽核 Mentor Signature：
項目 Item	**檢核機制 Requirements**		**達成度檢核 Completeness**
畢業門檻 Requirements for Graduation	修畢系定 24 學分及總結性課程(碩士論文)且及格。 Acquired 24 credit hours and capstone course (master's thesis).		□已達成 Yes □未達成 No 系所簽核 Admin. Signature：