核心能力 (Graduate Attributes)

1. 具備醫學工程領域之專業知識
   Be able to possess professional knowledge in the field of biomedical engineering.

2. 具備資料蒐集、研讀、整理、策劃、設計整合之研究能力
   Be able to collect and to analyze data, to design and to integrate systems and to perform the research in projects.

3. 具備研究結果分析、詮釋、組織及撰寫專業論文之能力
   Be able to analyze and to interpret the results and to write professional papers.

4. 具備創新思考及獨立解決問題之能力
   Be able to innovate and to solve problems independently.

5. 具備跨領域整合團隊合作之能力
   Be able to coordinate and to integrate professionals with different expertise into a team.

6. 具備良好國際觀與社會責任感
   Social responsibility.

7. 具備領導、管理及規劃之能力
   Be able to lead, to manage, and to plan.

8. 具備自我學習成長及應用醫學工程專業技能知識之能力
   Be able to develop lifelong self-learning habits, and to apply professional biomedical-engineering skills into practice.

教育目標 (Program Educational Objectives)

1. 厚植醫工專業、具備獨立思考
   Develop skills for independent thinking, researching, and problem solving in professional biomedical-engineering field.

2. 促進跨域協調、落實產學實務
   Strengthen skills for interdisciplinary coordination and academia-industry collaboration.

3. 強化創新研究、增進社會關懷
   Be willing to innovate and to care for the society.

4. 胸懷全球視野、培養國際人才
   Be able to have global vision and to develop international talent.

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