

明志科技大學
Ming Chi University of Technology

規章編號
Document No.

AAG0020010

「創新科技應用於生物醫學暨醫療照護
產品研發國際博士學位學程」
修業辦法

Study Regulations of the
International Ph.D. Program in
Innovative Technology of
Biomedical Engineering and
Medical Devices

制定部門：創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程

Established by: International Ph.D. Program in Innovative Technology of Biomedical
Engineering and Medical Devices

中華民國 114 年 06 月 13 日 修訂

Amended on June. 13, 2025

本著作非經著作權人同意，不得轉載、翻印或轉售。

No part of this work shall be reprinted, reproduced, or resold without the consent of the copyright holder.

修訂記錄 Revision History：

108.11.19 108 學年度第 1 次事務籌備委員會會議制訂

Established by the 1st Preparatory Committee Meeting of Academic Year 2019 on 2019.11.19.

109.02.27 院務會議通過

Approved by the College Council Meeting on 2020.02.27.

109.04.15 學程事務會議修訂

Amended by the Program Council Meeting on 2020.04.15

109.04.16 院務會議通過

Approved by the College Council Meeting on 2020.04.16.

109.04.21 教務會議通過

Approved by the Academic Council Meeting on 2020.04.21.

109.04.30 學程事務會議修訂

Amended by the Program Council Meeting on 2020.04.30.

109.05.08 院務會議通過

Approved by the College Council Meeting on 2020.05.08.

109.05.12 教務會議通過

Approved by the Academic Council Meeting on 2020.05.12.

109.06.05 學程事務會議修訂

Amended by the Program Council Meeting on 2020.06.05

109.07.02 院務會議通過

Approved by the College Council Meeting on 2020.07.02.

109.07.28 教務會議通過

Approved by the Academic Council Meeting on 2020.07.28.

110.11.26 學程事務會議修訂

Amended by the Program Council Meeting on 2021.11.26.

111.01.13 院務會議通過

Approved by the College Council Meeting on 2022.01.13.

111.01.25 教務會議通過

Approved by the Academic Council Meeting on 2022.01.25.

111.05.03 學程事務會議修訂

Amended by the Program Council Meeting on 2022.05.03.

111.05.05 院務會議通過
Approved by the College Council Meeting on 2022.05.05.

112.01.04 學程事務會議修訂
Amended by the Program Council Meeting on 2023.01.04.

112.03.03 學程事務會議修訂
Amended by the Program Council Meeting on 2023.03.03.

112.03.09 院務會議通過
Approved by the College Council Meeting on 2023.03.09.

112.03.28 教務會議通過
Approved by the Academic Council Meeting on 2023.03.28.

112.05.03 學程事務會議修訂
Amended by the Program Council Meeting on 2023.05.03.

112.06.08 院務會議通過
Approved by the College Council Meeting on 2023.06.08.

112.06.28 學程事務會議修訂
Amended by the Program Council Meeting on 2023.06.28.

113.04.25 院務會議通過
Approved by the College Council Meeting on 2024.04.25.

113.05.14 教務會議通過
Approved by the Academic Council Meeting on 2024.05.14.

113.09.04 學程事務會議修訂
Amended by the Program Council Meeting on 2024.09.04.

113.09.26 院務會議通過
Approved by the College Council Meeting on 2024.09.26.

113.11.05 教務會議通過
Approved by the Academic Council Meeting on 2024.11.05.

114.01.10 學程事務會議修訂
Amended by the Program Council Meeting on 2025.01.10.

114.03.13 院務會議通過
Approved by the College Council Meeting on 2025.03.13.

114.04.08 教務會議通過
Approved by the Academic Council Meeting on 2025.04.08.

著作權人:明志科技大學

Copyrighted to: Ming Chi University of Technology

114.06.13 學程事務會議修訂

Amended by the Program Council Meeting on 2025.06.13.

114.06.20 院務會議通過

Approved by the College Council Meeting on 2025.06.20.

114.07.01 教務會議通過

Approved by the Academic Council Meeting on 2025.07.01.

著作權人:明志科技大學

Copyrighted to: Ming Chi University of Technology

目錄

Table of Contents

	頁次 Page
第一條 辦法目的	1
Article 1 Objective	
第二條 入學資格	1
Article 2 Admission Requirements	
第三條 修業年限	2
Article 3 Expected Length for Graduation	
第四條 指導教授	2
Article 4 Dissertation Advisor	
第五條 修課及學分規定	3
Article 5 Program and Credit Requirements	
第六條 資格考試規定	4
Article 6 Regulations for Qualifying Examination	
第七條 論文計畫口試	6
Article 7 Dissertation Proposal Defense	
第八條 畢業條件與學位考試	7
Article 8 Graduation Requirements and Degree Examination	
第九條 學位考試申請程序	8
Article 9 Procedures of Application for Degree Examination	
第十條 研究成果畢業標準	8
Article 10 Graduation Standards for Research Outcomes	
第十一條 英文能力檢測標準	9
Article 11 Standards for English Proficiency Tests	
第十二條 論文計畫口試與學位考試委員資格	10
Article 12 Qualifications of Examination Committee Members for Dissertation Proposal Defense and Degree Examination	
第十三條 論文題目與內容	12
Article 13 Regulations for Handling Dissertation Plagiarism	

第十四條 未盡事宜	13
Article 14 Unsettled Matters	
第十五條 實施與修訂	13
Article 15 Implementation and Amendment	

明志科技大學「創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程」修業辦法

Study Regulations for International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices

114.06.13 學程事務會議修訂

114.07.01 教務會議審議通過

Amended by the Program Council Meeting on 2025.06.13.
Approved by the Academic Council Meeting on 2025.07.01.

第一條 辦法目的

Article 1 Objective

為使「創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程」(以下簡稱本博士學位學程)學生入學修業等有所依循，特訂定本辦法。

These Regulations are specifically established to provide a reference for study of students enrolling on the International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices (hereinafter called the “Ph.D. Program”).

第二條 入學資格

Article 2 Admission Requirements

博士班招生對象包括一般生與在職生二種

一、一般博士生以具備下列兩項條件之一，且通過入學考試者為限：

(一) 公立或已立案之私立大學院校或經教育部認可之國內、外大學相關研究所畢業，並取得碩士學位者。

(二) 符合以同等學力報考博士班之規定者。

二、在職博士生：在職生須具備一般生考試資格，且目前仍在職者。

Potential students include general students and in-service students

1. General Ph.D. students shall meet any one of the two following requirements and pass the entrance examination:

(1) Graduation with a master's degree from the graduate institute of a legally registered public or private university or overseas university recognized by the Ministry of Education (MOE).

(2) Application for admissions with equivalent qualifications.

2. In-service Ph.D. students: In-service students must fulfill the examination requirements for general students and are currently at work.

第三條 修業年限

Article 3 Expected Length for Graduation

- 一、一般博士生修業年限以二至七年為限，在職博士生修業年限以二至八年為限；若因懷孕、生產或是哺育幼兒需要，出具證明得申請休學。逕讀(直升)博士生修業年限自修讀博士學位起計算。
 - 二、學生因故無法修滿應修科目、畢業學分或未完成學位論文者，得於學期考試前申請休學一學期、一學年或二學年，休學累計以二學年為限，期滿因故無法復學需延長者，得再申請並經審議通過方得復學。學生因故休學，其休學期間不計入修業年限。
1. General doctoral students are allowed a study period of two to seven years. In-service doctoral students are allowed a study period of two to eight years. Students may apply for a leave of absence with documentation due to pregnancy, childbirth, or the need to care for infants. The study period for direct entry doctoral students begins from the start of their doctoral studies.
 2. Students who are unable to complete the required courses, graduate credits, or degree thesis due to unforeseen circumstances may apply for a one-semester, one-year, or two-year leave of absence before the semester examination. The cumulative maximum duration of leave is two academic years. If students are unable to resume studies after the expiration of their leave due to circumstances, they may apply for an extension, subject to review and approval. The period of leave of absence is not counted towards the study period.

第四條 指導教授

Article 4 Dissertation Advisor

- 一、博士生須於入學一年內選定指導教授(以學程專任與支援師資為原則)，從事畢業論文研究，因特殊理由需選擇校外專家學者單獨指導時，須以書面申請並經學程主任審核通過。博士生論文題目之選定應與學程專業領域相符，並經指導教授同意後，由學程主任核定。博士研究生須於就讀第四學期結束前，填寫「**學位論文題目專業度審核表**」(表號：AAG0020507)，並送交學程事務會議審核。
- 二、博士班研究生在論文進行中因故須更換指導教授者，須填寫「**指導**

教授更換同意申請表」(表號：AAG0020607)向本博士學位學程申請，並經原任與新任指導教授同意後，由學程主任核定。變更論文指導教授以一次為限，申請時須重新提出論文研究方向。

1. Doctoral students must select their advisor (with a preference for program faculty and supporting academic staff) and engage in thesis research within the first year of enrollment. In cases where, due to special reasons, a student chooses an external expert or scholar for individual supervision, a written application must be submitted and approved by the program director. The selection of the doctoral thesis topic should align with the program's professional field, and after obtaining the advisor's consent, it is finalized by the program director. Doctoral students are required to complete the "Professional Degree Review Form for Thesis Topics" (Form No.: AAG0020507) and submit it for review by the program affairs committee by the end of the fourth semester of study.
2. In the event that a doctoral candidate needs to change their advisor during the thesis process, they must complete the "Application for Approval of Advisor Change" form (Form No.: AAG0020607) and submit it to the doctoral program. The change requires the consent of both the current and new advisors, and final approval is granted by the program director. Changing the thesis advisor is allowed only once, and when applying, the student must propose a new research direction for the thesis.

第五條 修課及學分規定

Article 5 Program and Credit Requirements

- 一、本學程之必修及選修科目依照入學年度本博士學位學程課程計畫表實施。
- 二、博士學位之畢業學分共 42 學分(含論文 12 學分)，包含共同必修課程 9 學分，選修課程 21 學分，其中至少 15 學分為專業選修(專業選修可跨組選課)，其餘學分可跨域選修(跨域選修至多採計 9 學分)。
- 三、共同必修課程：書報討論 2 學期 4 學分、論文研究 2 學期 2 學分、醫學工程導論 3 學分及畢業論文 12 學分。
- 四、選修科目須經指導教授同意，若未選定指導教授，則須經學程主任同意。
- 五、成績標準：各科目學業成績以 70 分(B-)為及格。

1. The required and elective courses of the Program shall be subject to the

curriculum planning for Ph.D. programs in the year of admission.

2. The graduation credit requirement for a Ph.D. is 42 credits (covering 12 credits for the dissertation), including nine (9) credits for three (3) common required courses and 21 credits for elective courses. The latter shall include 15 credits of professional electives (including electives of other divisions), and the rest can be electives of other areas (not more than nine (9) credits).
3. Common required courses: Project & Discussion (4 credits) for two semesters, Research Paper Study (2 credits) for two semesters, Introduction to Medical Engineering (3 credits), and Dissertation (12 credits).
4. Electives shall be approved by the dissertation advisor. If the dissertation advisor has not been selected, they shall be approved by the program director.
5. Score standard: The pass score of each course shall be 70 marks (B-).

第六條 資格考試規定

Article 6 Regulations for Qualifying Examination

一、考試時間

博士班研究生入學後即可參加資格考試，資格考試通過後方可申請博士論文計畫口試。

二、資格考試每年分別於九月及二月各舉辦一次，每科目以重考一次為限；重考時如擬更換考試科目亦只能考一次。

三、資格考試以筆試方式舉行，欲參加之考生於每學期規定期間內提出申請，且須三年內通過博士資格考試，通過筆試後為博士候選人。考科以 70(B-)分為通過標準。未能於期限內通過資格考試，予以退學。

四、資格考試申請截止日為八月三十一日(九月考試)及一月三十一日(二月考試)，撤銷考試申請之截止日為考試日期之二週前。

五、考試科目及考試範圍

(一) 考試科目：

資格考科目根據學生研究背景與修課方向分為 5 個領域，分別為：醫學工程、生物技術、生醫材料暨檢測技術、生醫資訊科學、產品設計。各領域建議的核心課程如註 1。學生選擇其中一個領域做為資格考的考試科目，學程主任指定各領域召

集人負責與規劃命題工作。

(二)考試範圍：

考試範圍可參考各領域訂定的考試大綱，考試大綱之內容於每年八月初公佈。

六、資格考考核將由學程事務委員會進行審查後公布考核結果。

註 1：醫學工程領域：醫學工程導論、生物科技導論、生醫工程技術。生物技術領域：細胞生物技術學、組織工程、精準醫學特論。生醫材料暨檢測技術領域：功能與材料原理與應用、生醫材料與奈米生醫技術、電化學特論。生醫資訊科學領域：數位影像處理技術、生醫訊號處理、模式辨識。產品設計領域：醫療照護產品設計、高等人因工程、通用設計研究。

1. Examination time

Ph.D. students may apply for the qualifying examination after program enrollment. Ph.D. students must pass the qualification examination before they can apply for the dissertation proposal defense.

2. The qualifying examination is held once in each September and February. Each course shall be retaken one time only. Ph.D. students wishing the resit another course can only take it once.

3. The qualification examination is a written examination. Ph.D. students must file an application by the deadline of each semester. Additionally, Ph.D. students must pass the qualification examination by the third year of study so as to get the Ph.D. candidacy. The pass score of each examination course is 70 marks (B-). Failure to pass the qualification examination within the deadline will result in withdrawal from the Ph.D. program.

4. The deadlines of qualification examination shall be August 31 (examination in September) and January 31 (examination in February). Application for examination withdrawal is closed two weeks before the date of examination.

5. Courses and scope of examination

(1) Examination Subjects:

The qualification examination subjects are divided into five areas based on students' research backgrounds and course directions: Medical Engineering, Biotechnology, Biomedical Materials and Testing Techniques, Biomedical Informatics, and Product Design. The core courses recommended for each area are as indicated in Note 1. Students

choose one of these areas as the subject of their qualification examination, and the program director appoints convenors for each area responsible for planning and preparing examination questions.

(2) Examination Scope:

The examination scope can be referenced from the examination outlines established for each area, which are announced at the beginning of August each year.

6. The assessment of the qualification examination will be reviewed by the program affairs committee, and the examination results will be publicly announced.

Note1: For the Medical Engineering area: Introduction to Medical Engineering, Introduction to Biotechnology, Biomedical Engineering Technology. For the Biotechnology area: Cellular Biotechnology, Tissue Engineering, Special Topics in Precision Medicine. For the Biomedical Materials and Testing Techniques area: Principles and Applications of Functional Materials, Biomedical Materials and Nanobiotechnology, Special Topics in Electrochemistry. For the Biomedical Informatics area: Digital Image Processing Techniques, Biomedical Signal Processing, Pattern Recognition. For the Product Design area: Medical Care Product Design, Advanced Ergonomics, Universal Design Studies.

第七條 論文計畫口試

Article 7 Dissertation Proposal Defense

- 一、 博士生申請論文計畫口試前，須至少有一篇 SCI 等級著作發表 (或被接受)於國際期刊，該著作必須是在本博士學位學程就讀期間完成，且以本校名義發表。
- 二、 申請論文計畫口試前，完成「臺灣學術倫理教育資源中心」之「學術研究倫理教育」課程至少 6 小時之修課證明。
- 三、 博士論文計畫口試需於資格考試通過後提出。第一次口試若未通過，可於未通過後之一年內，以書面方式申請第二次口試，第二次口試仍未通過者，將予退學。

1. Before applying for the dissertation proposal defense, Ph.D. students must have published at least one paper in (or accepted by) an SCI-level international journal. This paper must be completed during the Ph.D. study of students and published in the name of MCUT.

2. Before applying for the dissertation proposal defense, Ph.D. students

must complete at least six (6) hours of the Research Ethics Education Course offered by the Center for Taiwan Academic Research Ethics, pass the final test and obtain the certificate of course enrollment.

3. The doctoral thesis proposal defense must be submitted after passing the qualification examination. If the first defense is unsuccessful, a second defense may be requested in writing within one year of the unsuccessful attempt. Failure to pass the second defense will result in dismissal from the program.

第八條 畢業條件與學位考試

Article 8 Graduation Requirements and Degree Examination

本博士學程博士生同時符合下列各項條件者得申請學位考試：

- (一) 在本博士學位學程修畢 9 學分共同必修課程與 21 學分選修課程(詳細規範如第五條)。
- (二) 博士候選人資格考試及格。
- (三) 通過博士論文計畫口試。
- (四) 達成研究成果之畢業要求標準(詳細規範如第十條)。
- (五) 達到英文檢測標準(詳細規範如第十一條)。
- (六) 徵得指導教授同意。

Ph.D. students of this Ph.D. program meeting all the following requirements may apply for the degree examination:

- (1) Completing nine (9) credits of program common required courses and 21 credits of elective courses (please refer to Article 5 for details).
- (2) Passing the Ph.D. qualifying (candidacy) examination.
- (3) Passing the dissertation proposal defense.
- (4) Meeting the graduation requirements for research outcomes (please refer to Article 10 for details).
- (5) Meeting the English proficiency test requirements (please refer to Article 11 for details).
- (6) Obtaining the approval of the dissertation advisor.

第九條 學位考試申請程序

Article 9 Procedures of Application for Degree Examination

一、博士生滿足畢業條件者得填具「學位資格考試審查申請單」

(表號：AAG0020110) 提出學位考試申請。

二、學位考試申請程序：博士生得於預計口試日期兩週前，填妥本博士學位學程畢業條件自我檢核與確認表（表號：AAG0020210）、學位考試申請表（表號：AAG0020310）與學位考試紀錄表（表號：AAG0020410）等，經學程事務委員會審查通過並由學程主任核定後即可實施。

1. Doctoral students who meet the graduation requirements may complete the "Application for Qualification Examination Review" form (Form No.: AAG0020110) to apply for the degree examination.
2. Degree Examination Application Procedure: Doctoral students are required to complete the "Self-Assessment and Confirmation Form for Graduation Requirements of the Doctoral Program" (Form No.: AAG0020210), "Degree Examination Application Form" (Form No.: AAG0020310), and "Degree Examination Record Form" (Form No.: AAG0020410) two weeks prior to the scheduled oral examination date. After review by the program affairs committee and approval by the program director, the examination can proceed.

第十條 研究成果畢業標準

Article 10 Graduation Standards for Research Outcomes

一、畢業時至少需要發表 SCI 期刊論文一篇，且畢業論文點數至少 8 點(含)以上。

二、畢業論文點數計算辦法：

(一) SCI 期刊論文：每篇最高 4 點 (Q2 以上：4 點、Q3：3 點、Q4：2 點)。

發表論文之計點指導教授除外，排名第一作者可計該篇論文 100 % 的點數；排名第二作者可計 50 % 的點數；排名第三作者可計 25 % 的點數；排名第四作者以後者不計點數。

(二) 國內外專利：發明專利 4 點、新型專利 2 點、設計專利 1 點。畢業點數中專利點數部份，合計點數最高以 4 點認定。

(三) 會議論文 (Conference Papers)：國際研討會論文(限英文)1 點、國內研討會論文(限英文)0.5 點。會議論文之計點指導教授除外，排名第一作者可計該篇論文 100 % 的點數；排名第二作者可計 50 % 的點數；排名第三作者(含)以後者不計點數。會議論文以口頭報告形式發表為主，若以張貼海報形式發表，將以點數的 50% 採計，合計點數最高以 2 點認定。

1. At least one SCI journal paper must be published at the time of graduation, and the graduation thesis score must be at least 8 points or above.
2. Calculation method for graduation thesis score:
 - (1) SCI journal papers: Each paper is worth a maximum of 4 points. (Q2 and above: 4 points, Q3: 3 points, Q4: 2 points)
The advisor who publishes the paper is excluded from scoring. The first author receives 100% of the points; the second author receives 50% of the points; the third author receives 25% of the points; authors ranked fourth or lower do not receive any points.
 - (2) Domestic and international patents: Invention patents 4 points, Utility model patents 2 points, Design patents 1 point.
The total points for patents in the graduation score are capped at 4 points.
 - (3) Conference papers: International conference papers (limited to English) 1 point, Domestic conference papers (limited to English) 0.5 points.
The advisor who publishes the paper is excluded from scoring. The first author receives 100% of the points; the second author receives 50% of the points; authors ranked third or higher do not receive any points. Conference papers presented orally are preferred. If presented in poster format, 50% of the points will be awarded. The total points for conference papers are capped at 2 points.

第十一條 英文能力檢測標準

Article 11 Standards for English Proficiency Tests

一、英文能力標準：

博士生畢業前須具備下列英文檢定標準之一：

- (一) iBT 托福 69 分以上或同等級舊制托福 (CBT 托福 193 分以上、PBT 托福 500 分以上)。
- (二) 多益測驗 (TOEIC) 650 分以上。
- (三) 博士生須參加前項測驗未通過，才得以申請以下英文能力替代方案，經指導教授同意後，可向學位學程委員提出英檢報名及成績結果及第四項或第五項之申請資料供審查。
- (四) 學生參與明志博士生海外蹲點計畫或國科會千里馬計畫赴國外研究達三個月(含)以上者，可替代畢業所需英文能力檢定。
- (五) 在英語系國家大學附設語言中心或語言學校進修達三個月

(含)以上者，可替代畢業所需英文能力檢定。

二、英文能力審查：

學生英文能力檢測標準，應於畢業前達成，由指導教授與學程主任審查，不符合規定者不得提出畢業論文口試申請。

1. English proficiency requirements:

Ph.D. students shall meet any one of the following English proficiency requirements before graduation:

- (1) iBT TOEFL 69 or higher or equivalent level of previous TOEFL tests (CBT TOEFL 193 or higher or PBT TOEFL 500 or higher).
- (2) TOEIC 650 or higher.
- (3) Ph.D. students who fail the aforementioned language proficiency tests may apply for one of two English proficiency alternatives, as indicated in (4) and (5). English proficiency test registration and results, and the application materials for either options (4) or (5), must be submitted to the Program Council for evaluation upon approval by the dissertation advisor.
- (4) The English proficiency requirement for graduation may be substituted with a Ph.D. student's participation in the MCUT or NSTC Overseas Research Internship Program for a three-month or longer research stay abroad.
- (5) The English proficiency requirement for graduation may be substituted with a Ph.D. student's completion of language training for three months or longer at a language center or language school affiliated with a university in an English-speaking country.

2. English proficiency evaluation

Ph.D. students shall meet the standard for English proficiency tests before graduation. The dissertation advisor and program director shall evaluate the results. Ph.D. students who do not meet the English proficiency requirements are not allowed to apply for the dissertation defense.

第十二條 論文計畫口試與學位考試委員資格

Article 12 Qualifications of Examination Committee Members for Dissertation Proposal Defense and Degree Examination

- 一、論文計畫口試委員與學位考試委員由校長依據學程推薦名單遴聘，並由學程主任指定一人為召集人，指導教授為當然委員。

二、 論文計畫口試委員與學位考試委員由指導教授聘請五~九位委員組成(含指導教授)，其中校外委員須三分之二（含）以上。

三、 博士學位論文計畫口試委員與學位考試委員，除對博士學位候選人所提論文學科有專門研究外，並應具備下列資格之一：

(一)現（曾）擔任教授、副教授資格者。

(二)現（曾）擔任中央研究院院士、研究員、副研究員。

(三)具有博士學位，在專門學術領域具有成就者。

(四)屬於實務性或特殊專長有成就者。

四、 為維持學位考試之公正性，研究生、指導教授及學位考試委員應迴避下列之關係：

(一)配偶、前配偶、四親等內之血親或三親等內之姻親關係。

(二)指導教授與校外學位考試委員為直屬長官與下屬關係(3 年內)。

(三)指導教授與校外學位考試委員為學位論文指導關係(5 年內)。

(四)校外學位考試委員目前正接受指導教授計畫補助或委託。

(五)指導教授與校外學位考試委員曾共同發表學術論文、專利及承接計畫(3 年內)。

情況特殊無法迴避者，專案說明簽請學校核定

1. The members of the thesis proposal defense committee and the degree examination committee are appointed by the president based on recommendations from the program, with one member designated as the convener by the program director. The advisor serves as an ex officio member.
2. The thesis proposal defense committee and the degree examination committee are composed of five to nine members (including the advisor) appointed by the advisor, with at least two-thirds being external members.
3. Members of the doctoral thesis proposal defense committee and the degree examination committee should have specialized research in the doctoral candidate's proposed thesis subject and meet one of the following qualifications:
 - (1) Current or former professor or associate professor.
 - (2) Current or former academicians, researchers, or associate researchers of the Academia Sinica.

(3) Holders of a doctoral degree with significant achievements in a

specialized academic field.

- (4) Achievements in practical or specialized fields.
4. To maintain the fairness of the degree examination, graduate students, advisors, and members of the degree examination committee should avoid the following relationships:
 - (1) Spouses, former spouses, blood relatives within the fourth degree, or relatives by marriage within the third degree.
 - (2) Advisor and external members of the degree examination committee have a direct superior-subordinate relationship within the past three years.
 - (3) Advisor and external members of the degree examination committee have a thesis supervision relationship within the past five years.
 - (4) External members of the degree examination committee are currently receiving funding or commission from the advisor.
 - (5) Advisor and external members of the degree examination committee have jointly published academic papers, patents, or undertaken projects within the past three years.

If circumstances prevent avoidance, a special explanation must be submitted for school approval.

第十三條 論文題目與內容

Article 13 Regulations for Handling Dissertation Plagiarism

- 一、接獲學生學位論文與專長不符之檢舉時，依「學生違反學術倫理案件處理要點」，送交教務處受理，交院級單位組成學術倫理審議委員會（排除指導教授）調查，得請學生說明。
- 二、博士學位論文須經論文檢測系統進行論文比對後，相似度需低於30%，如有必要，由指導教授依比對報告結果指導博士生修改，修改完成後始得提出博士學位考試申請。修改後如論文仍涉抄襲之情事，由學生自行負責。此比對報告將提供口試委員學位考試時參考。
- 三、博士生學位論文內容應與專業領域相符，論文考試時應請所有論文考試委員進行檢核，並將檢核結果送交學程事務會議審核，審核結果如不符專業領域，應取消該次論文考試，其指導教授三年內不得指導本學程博士生。

- 四、學位論文有抄襲或舞弊情事，經查證屬實者，以不及格論。如已授予學位，應撤銷學位資格並追繳已發給之學位證書。
- 五、學位論文若因涉及機密、專利事項或依法不得提供等特殊情形，而有延後公開需求者，須繳交學位論文延後公開申請書及證明文件，並經學程事務會議認定後，得不予提供或於一定期間內可不為提供。
5. Upon receiving a complaint regarding discrepancies between a student's thesis and their specialization, according to the "Procedures for Handling Academic Ethics Violations by Students," it shall be referred to the Academic Affairs Office for processing. A college-level academic ethics review committee (excluding the advisor) shall be formed to investigate, and the student may be asked to provide an explanation.
6. Doctoral theses must undergo plagiarism detection, with similarity below 30%. If necessary, the advisor shall guide the doctoral student in revisions based on the comparison report. After revisions are completed, the doctoral degree examination application may be submitted. If the thesis still contains plagiarism after revisions, the student is solely responsible. The comparison report will be provided for reference during the oral examination.
7. The content of a doctoral thesis should align with the professional field. During the thesis examination, all members of the examination committee shall verify this alignment. The verification results shall be submitted for review by the program affairs committee. If the content does not align with the professional field, the thesis examination for that session shall be canceled, and the advisor shall not guide doctoral students in the program for three years.
8. If plagiarism or cheating is confirmed in a thesis, it shall be deemed as failing. If a degree has already been conferred, the degree qualification shall be revoked, and the degree certificate shall be reclaimed.
9. If a thesis involves confidential, patent-related matters, or is legally prohibited from disclosure, a request for delayed publication must be submitted along with supporting documents. Upon approval by the program affairs committee, the thesis may not be provided or may be withheld for a specified period.

第十四條 未盡事宜

Article 14 Unsettled Matters

創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程修業辦法 Study Regulations of International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices

本辦法如有未盡事宜，依教育部有關法令及本校學則等有關規定辦理。

Matters not provided for in these Regulations shall be handled in accordance with the relevant regulations of the Ministry of Education and MCUT University Regulations.

第十五條 實施與修訂

Article 15 Implementation and Amendment

本辦法經教務會議通過，陳校長核定後公布實施，修訂時亦同。

These Regulations shall be promulgated and implemented after the passage of the Academic Council Meeting and the approval of the university president. The same shall apply to the amendments hereto.

明志科技大學「創新科技應用於生物醫學暨醫療照護產品研發國際博
士學位學程」資格考試審查申請單
Application form for the Ph. D. Qualifying Examination

申請人 Applicant: _____ 學號 Student ID No: _____

☐第一次申請考試 ☐第二次申請考試

It's my ☐First ☐Second time to apply for the examination.

資格考筆試領域與成績一覽表：

擬申請筆試領域 Subjects for the Written Examination
<input type="checkbox"/> 醫學工程領域 Medical engineering
<input type="checkbox"/> 生物技術領域 Biotechnology
<input type="checkbox"/> 生醫材料暨檢測技術領域 Biomedical materials and detection technology
<input type="checkbox"/> 生醫資訊科學領域 Biomedical Information Science
<input type="checkbox"/> 產品設計領域 Product Design

註：資格考一旦向辦公室登記要參加，便不可要求退出，如未參加考試，便以零分計，該次考試且計入2次機會中的1次。

Once the registration is finished, students cannot cancel the examination. Students absent from the examination without valid reasons will receive a score of 0. This will also be included in the two chances for the examination.

申請人簽名 Applicant：

學 號 Student ID No.：

連 絡：手機 Cell Phone：

Email：

指導教授簽名同意 Signature of Advisor：

申請日期 Date： 年(Y) 月(M) 日(D)

審核結果：☐通過 ☐不通過

說明：

學程主任簽名 Signature of the Director：_____

表號：AAG0020110

創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程修業辦法 Study Regulations of
International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices

明志科技大學「創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程」畢業條件自我檢核與確認表

Graduation Conditions Self-Check and Confirmation Form for the International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices

申請人 Name: _____ 學號 Student ID: _____

指導教授 Advisor: _____ 申請日期 Date: _____

論文題目 Thesis Title

中文 Chinese: _____

英文 English: _____

一、資格審查 Qualification:

修課資料表 Course Information Sheet							
必選修科目 Courses	專業 Professional / 跨域 Cross- domain	學分 Credits	成績 Grade	必選修科目 Courses	專業 Professional / 跨域 Cross- domain	學分 Credits	成績 Grades

☐是 Y ☐否 N 專業領域課程至少 15 學分 At least 15 credits in the professional field.

備註 Remarks: 請檢附歷年成績單。Please attach transcripts from previous years.

合計學分 Total Credits:

核定總學分 Approved Total: (學程主任填寫 To be completed by Program Director)

資格考試資料表 Qualifying Exam Information Sheet	
領域 Subjects for the Qualifying Exam	通過時間 Passing Time
<input type="checkbox"/> 醫學工程領域 Medical engineering	
<input type="checkbox"/> 生物技術領域 Biotechnology	
<input type="checkbox"/> 生醫材料暨檢測技術領域 Biomedical materials and detection technology	
<input type="checkbox"/> 生醫資訊科學領域 Biomedical information science	
<input type="checkbox"/> 產品設計領域 Product Design	

備註 Remarks: Please attach your qualification certificate

創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程修業辦法 Study Regulations of International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices

論文計畫口試 Thesis Oral Examination						
題目 Thesis Title	中文 Chinese					
	英文 English					
口試召集人 Convener		口試委員 Committee				
平均成績 Average Grade						

- ☐是 Y ☐否 N 符合畢業規定 Complies with graduation requirements.
- ☐是 Y ☐否 N 確認學位論文與系所專業領域相符
Confirm that the thesis is consistent with the department's major field.
- ☐是 Y ☐否 N 學位論文經系統檢測之相似度應低於 30% 【請檢附相似度比對報告】
The similarity of thesis should be less than 30%, [Please attach proof].
- ☐是 Y ☐否 N 通過英文能力畢業規定，【請檢附英檢報名及成績結果】
Pass the graduation requirements for English [Please attach proof].
- ☐是 Y ☐否 N 繳交學術倫理教育至少 6 小時之修課證明
Certificate of completion of 6 hours of the "Academic Research Ethics Education" course

二、研究成果 Research results (若欄位不足可自行增加 Fields can be added as desired)

編號 No.	名稱 Name of Project	著作類別 Type of Publications	作者排名 Author ranking	點數 Points	核定點數 approved points

(上述各篇論文欄位需詳述論文名稱，期刊名稱，卷期及刊登日期，未刊登者請附接受函)
(Each of the above paper fields needs to be described in detail)

核定點數 Approved Total: _____ (學程主任填寫 by Program Director)

☐是 Y ☐否 N 符合學位考試資格 Eligible for Doctoral Degree Exam

審查委員簽名 Signature of scrutinizers :

表號：AAG0020210

明志科技大學「創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程」博士生學位考試申請表

Application Form for Doctoral Degree Examination

姓名 Name：

學號 student ID：

指導教授 Advisor：

學位考試舉行日期、時間 Exam date and time：

學位考試舉行地點 Exam location：

項目 No.	審查內容 Content of the review	審查人員 censors	審查結果 results	審查人員簽章 Censor's signature
(一)	修畢共同必修課程與選修課程(專業+跨領域)共 30 學分 Complete a total of 30 credits, including commonly required courses and elective courses (major + cross-field). 說明 notes：_____	學程主任 Program Director	<input type="checkbox"/> 通過 Pass <input type="checkbox"/> 不通過 fail	
(二)	資格考試及格者 passed the qualification exam 說明 notes：_____	學程主任 Program Director	<input type="checkbox"/> 通過 Pass <input type="checkbox"/> 不通過 fail	
(三)	通過論文計畫口試 Pass the thesis project oral exam 說明 notes：_____	學程主任 Program Director	<input type="checkbox"/> 通過 Pass <input type="checkbox"/> 不通過 fail	
(四)	達成研究成果之畢業要求標準 Meet the graduation requirements for research results 說明 notes：_____	學程主任 Program Director	<input type="checkbox"/> 通過 Pass <input type="checkbox"/> 不通過 fail	
(五)	通過英文畢業檢測標準 Pass the graduation requirements for English 說明 notes：_____	學程主任 Program Director	<input type="checkbox"/> 通過 Pass <input type="checkbox"/> 不通過 fail	
(六)	指導教授同意書 Consent form from advisor 說明 notes：_____	指導教授 Advisor	<input type="checkbox"/> 通過 Pass <input type="checkbox"/> 不通過 fail	

申請人簽名 Signature of Applicant：

學程主任簽名 Signature of the Program Director：

表號：AAG0020310

明志科技大學「創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程」博士學位考試紀錄表
Doctoral Degree Examination Record Form

學生姓名 Name		類別	
指導教授 Advisor		學號 Student ID	
口試名稱 Exam name	口試日期 Exam date	委員名單 Committee Members	備註 Remarks
論文計畫口試 Thesis Oral Exam			(召集人 Convener)
			(指導教授 Advisor)
學位口試 Doctoral Degree Exam			(召集人 Convener)
			(指導教授 Advisor)

學程主任簽名 Signature of the Program Director :

日期 Date : 年 月 日(Y/M/D)

表號：AAG0020410

明志科技大學創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程博士論文題目專業度審核表

Thesis Topic Professionalism Evaluation Form for Ph.D. of International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices at Ming Chi University of Technology

填表日期(Date)：____年____月____日(Y/M/D)

姓名(Full name)：_____ 學號(Student ID number)：_____

專業組別(Professional Group)：_____

一、博士論文研究方向(或題目)(Title of Ph.D's thesis)：

(中文)(Mandarin) _____

(Optional if Thesis is written in English)

(英文)(English) _____

二、自主檢查事項 (Autonomous inspection.)

☐ 1. 確認學位論文與系所專業領域相符，請說明：

(Have thesis topic coincide with the research expertise of the department, Please explain)

--

三、指導教授同意聲明(Advisor agreement)：

指導教授簽名(Adviser's signature)：_____ 年____月____日(Y/M/D)

共同指導教授簽名(Co-advisor's signature)：_____ 年____月____日(Y/M/D)

此致

學程主任簽名(Department Chair's Signature)

年 月 日(Y/M/D)

表號：AAG0020510

創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程修業辦法 Study Regulations of International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices

明志科技大學創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程博士研究生指導教授更換同意申請表

Advisor Substitution Consent Request Form for Ph.D. of International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices at Ming Chi University of Technology

一、研究生基本資料 Student's information

學 號 Student ID		姓 名 Name	
聯 絡 方 式 Contact Information	行動電話： Email：		
更換指導教授緣由 Reasons for replacing			
是否有新指導教授 Had a new advisor?	<input type="checkbox"/> 是 Y (填寫新指導教授同意書) <input type="checkbox"/> 否 N		
原指導教授 Advisor		學程主任 Director	

二、研究生切結書 Student's Declaration

具結人_____（學號：_____）因故申請更換指導教授，在原指導教授（_____教授）提供原始構想或概念及受指導下所獲得之研究成果，如未經原指導教授同意，不得作為學位論文或任何智慧財產形式發表。特立此書為證。

此致

創新科技應用於生物醫學暨醫療

照護產品研發國際博士學位學程 學程主任

立切結書人：

中 華 民 國 年 月 日

I, (Student name)_____, (Student ID:_____) apply for replacing advisor because of some reasons. The research findings with the original idea or concept provided by and under the advisement of the former advisor (Professor_____) cannot be used as dissertation or any form of intellectual property without the agreement of the former advisor. The declaration is here by testified.

Sincerely

Ph.D. of International Ph.D. Program in Innovative Technology of
Biomedical Engineering and Medical Devices, Director

Signature: _____ Date: _____

三、新指導教授同意書 the Agreement file from the new advisor

茲同意擔任本學程博士班研究生 (學號：) 之學位論文指導教授，請惠予同意登記。

此 致

明志科技大學

創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程

Agree to serve as the advisory professor of the dissertation for graduate students _____ (student number : _____) of our doctorate class, please give permission to register.

Sincerely

Ph.D. of International Ph.D. Program in Innovative Technology of

Biomedical Engineering and Medical Devices

Ming Chi University of Technology

新指導教授簽章 New Advisor signature :

學程主任簽章 Director signature :

中 華 民 國 年 月 日

Date:

表號：AAG0020610

明志科技大學「創新科技應用於生物醫學暨醫療照護產品研發國際博士學位學程」指導教授申請表

Advisor Application Form for Ph.D. of International Ph.D. Program in Innovative Technology of Biomedical Engineering and Medical Devices of MCUT

一、 學生基本資料 Student Information：

姓名 Name		學號 Student ID	
國籍 Nationality		聯絡電話 Contact Number	
電子郵件 Email			

二、 指導教授資料 Advisor Information：

指導教授 Advisor	
所屬系所 Department	
聯絡電話 Contact Number	
電子郵件 Email	

學生簽名 Student's Signature：

指導教授簽名 Advisor's Signature：

學程主任簽名 Program Director's Signature：

表號：AAG0020710