

NCKU BME

Orientation for Ph.D.

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Regulations

- Regulations for Ph.D.
(p16-26)





Procedure

■ *Course Credits*

■ *Qualification Exam*

Announcement every semester on the department website

4 courses (2 of them can be waived by paper publications)

Maximum 3 times

Finish the exam in 4 years

The qualifying examination must be finished in four years after entering the school. Those who failed to finished the qualifying examination in the deadline will be dropped out.

■ *Thesis Proposal*

(At Least 3 Months Before Thesis Defense)

■ *Thesis Defense*

■ *Leave School*



Credits

Master's students should practice in graduated general courses, including academic ethics for at least 6 hours, Chinese and English writing skills, and communication skills. The graduated general courses are planned in the seminar (II) and seminar (III). If you are not able to practice the above two courses, the graduated general credits should be completed separately, and the inspection of check at the graduation review.

① Non Direct Ph.D.

BME Master = 18 Credits

Non BME Master (No waiver) = 18 + 26 Credits

Non BME Master (waiver) = 44 - Waived Credits

[Direct Ph.D. must take at least 2 credits Ph.D. seminar course (Seminar 2, 3 ,or 4)]

② Direct Ph.D.

No waiver = 36 Credits

Waiver = [36 - Waived Credits]





Courses

(PS: 60 for passing undergraduate course, but it won't count for graduation credits)

■ AB Group

Physiology, Human Anatomy (At Least **6 Credits**)

[For International Students, you can take any English taught 3 credits courses related to Cell Biology opened by NCKU Biomedical departments instead.]

■ C Group

Engineering Mathematics, Engineering Mathematics in Medicine, or Biostatistics (**At least 6 Credits**)

■ D Group

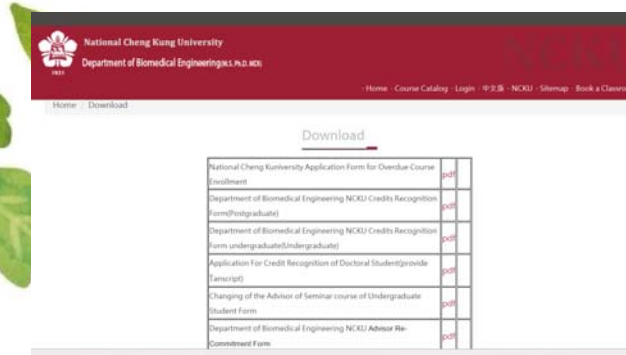
Biodesign 1 and 2

Those who don't have Physiology or Human Anatomy background are required to take 3 credits in Physiology or Human Anatomy.

For those who have no Engineering Mathematics background are required to take 3 credits in Engineering Mathematics of Bio-statistics.



Waiver



生物醫學工程學系學分承認表 (博士班)
Department of Biomedical Engineering NCKU
Application Form for Credit Recognition

申請日期 Applicant's Date	姓名 Name	系別 Dept.	學號 Student ID No.	申請人姓名 Applicant's Name
高級碩班 Graduate/Postgraduate				
課程 Course No.	課程 Title	學分 Credit	申請學分 Applicant's Credit	系別 Dept.
本系小學分班 Undergraduate				
課程 Course No.	課程 Title	學分 Credit	申請學分 Applicant's Credit	系別 Dept.

備註：申請學分承認表，請填寫妥當後，附上學分證明文件，於註冊時交回系辦。
Note: Students who apply for credit waiver should fill this form to the office, and must be approved by the department meeting.

- If you already finished some courses during Master.
->>Please apply the courses waiver to Department.

Procedure

- Please fill up the application form with transcript during the first month after enter the school.





Back



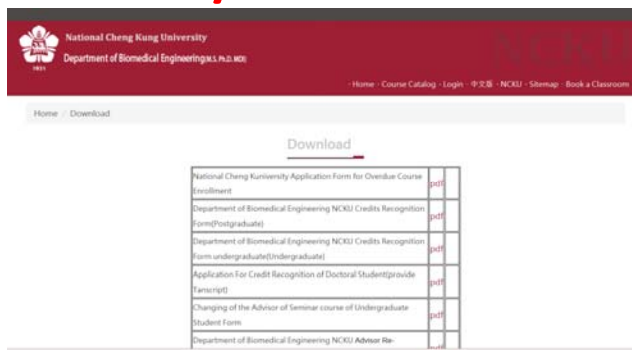
Notice for Waiver

- The courses in the undergraduate level can not be waived for graduate courses.
- If you have taken the Anatomy in undergraduate level. The credits can not be waived, but you don't have to take Anatomy again.

Changing Advisor

- Please submit the application form for changing advisor.

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Department of Biomedical Engineering (N.C.K.U.)

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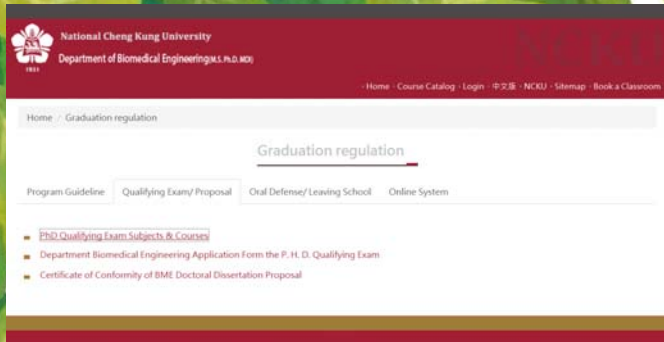
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National Cheng Kung University Application Form for Oversea Course Enrollment	pdf
Department of Biomedical Engineering NCKU Credits Recognition Form(Postgraduate)	pdf
Department of Biomedical Engineering NCKU Credits Recognition Form undergraduate(Undergraduate)	pdf
Application For Credit Recognition of Doctoral Student(Provide Transcript)	pdf
Changing of the Advisor of Seminar course of Undergraduate Student Form	pdf
Department of Biomedical Engineering NCKU Advisor Re-	pdf



Qualification Exam

The qualifying examination must be finished in four years after entering the school. Those who failed to finished the qualifying examination in the deadline will be dropped out.



① Announce every semester

② Maximum 3 times, Finish in 4 years

PS: If you apply for the drop out of school, all the grade will be zero.

③ 2 of the courses exam can be waived by publication. The publication can not be count for graduation credits.

■ The information will be announced on the website

■ Application time: From the end of the previous semester to before the start of semester

■ Exam Time: Held within the first month after school starts





Thesis Proposal

- **Department Office provides 6,000 NTD subsidy**
- **Please submit the proposal certificate to department during the reimbursement.**
- **For the information please check from website**
[\[Graduation regulation / Qualifying Exam / Proposal \]](#)
- **At least 3 months before thesis defense.**



Thesis Defense

Thesis defense application system



National Cheng Kung University
Department of Biomedical Engineering (M.S. Ph.D. MDI)

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- Education
Ph.D., The Institute of Basic Medical Sciences, NCKU
- Laboratory
Laboratory of Cellular Signaling & Molecular Imaging
- Expertise
Calcium signaling and function
Molecular imaging of living cells
Chemoresistance and metastasis of cancers

NCKU Teaching Excellence Awards
Wen-Tai Chiu
congratulation

The banner features a green chalkboard background with a cartoon professor character on the left and a photograph of a family on the right. The text is in yellow and white.



News

■ PhD Qualification Exam Schedule on Oct. 8, 2021 2021-09-17

NEW STUDENT

The banner includes decorative elements like a tree and navigation arrows.





Procedure of Thesis Defense

■ The thesis defense should be applied after **3 months passing the proposal oral defense**. The **Checking list, Grade sheet, Paper publications points, Certificate of Conformity of BME Doctoral Dissertation Proposal** are required for the defense application. Three copies are needed for review in faculty meeting before applying for oral defense.

■ The deadline of thesis defense is on **January 20th** (fall semester) and **July 20th** (spring semester). The application should be finished **3 weeks** before deadline. Please give the application form to Mrs. Wu from department. The thesis defense have to finished before end of **January and July**, the score will be apply to registrar division from BME department.

■ Website: <http://campus4.ncku.edu.tw/wwwmenu/program/mou/>

■ After applying from the online system, print “**defense application form**”, “**list of defense committee members**” from the website. Download the “**Certificate of advisor agreement for thesis defense**” from BME website and **comparison result of thesis** (NCKU library). After signing by advisor and chair of department, please deliver to department office with **2 inch profile** within the deadline.

■ After the applicant submits the application documents, please go to the department office to collect the relevant oral probation materials one week before the exam. (❶ Expenses receipt form ❷ Score sheet: 1 sheet/ committee. ❸ Certificate ❹ Committees appointment letter

Leaving Procedure



National Cheng Kung University
Department of Biomedical Engineering(M.S.,Ph.D.,MDI)

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Education
Ph.D., The Institute of Basic Medical Sciences, NCKU

Laboratory
Laboratory of Cellular Signaling & Molecular Imaging

Expertise
Calcium signaling and function
Molecular imaging of living cells
Chemoresistance and metastasis of cancers

NCKU Teaching Excellence Awards
Wen-Tai Chiu



congratulation



News

PhD Qualification Exam Schedule on Oct. 8, 2021

2021-09-17





Leaving Procedure

■ Documents :

■ Department office :

- ① Hardcover thesis (Cover color--Black ; White Front)
- ② The certificate of advisor agreement of leaving school. (Department website)
- ③ Postponement of Publication/Removal of Paper of National Library (If you need to postpone public your thesis, please download from National Library)
- ④ 2 inch profile please email to z9401004@email.ncku.edu.tw

■ NCKU Library

- (1) Hardcover thesis
- (2) Other Authorization

■ Registration Division:

Graduation certificate

■ The leaving procedure should be finished **a week** before the start of new semester, otherwise the school fee will be asked.



Attachments



BME博士班修業規範 — 1

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

第一條 課程學分規定：

一、博士班研究生至少應修滿 **18** 學分(含專題討論)，論文、外國語文另計，不具醫學工程碩士學位者，應另補修醫學工程相關課程 **26** 學分（含經系務會議認可之抵免學分數。抵免申請應於入學第一學期第一個月向系務會議提出）。直攻博士者（含醫學士、學士、碩士直升者）應修滿 **36** 學分（含博士班 **18** 學分）。

Article 1: Course Requirements

1. Students of the Ph.D. program in Biomedical Engineering Institute are required to complete a minimum of 18 credits including 4 credits of seminars for graduation. Thesis credits are not included.

For non-Biomedical Engineering master's degree holders, additional 26 credits must be taken. Course credit waivers can be applied and discussed during the faculty meeting on the first month of your first semester in BME.

Students enrolled from 105 academic year, and students who applied for Direct Pursuit of Ph.D. degree (including doctor's, master's, and bachelor's) should complete 36 credits (including 18 credits for Ph.D. program).



BME博士班修業規範一 2

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

第一條 課程學分規定(續)

二、第一款規定之外，博士班學生補修學分：

- (一) 甲乙組：選修本校醫學系或研究所生理學、解剖學或醫學院其他生命科學相關的課程（需提請系務會議通過）6學分以上。選修其他生命科學相關課程學分超過3學分者，承認3學分。
- (二) 丙組：選修本校大學部工程數學、研究所醫用數學或生物統計6學分以上。
- (三) 丁組：選修本系醫療器材創新設計（一）、（二）。若未修過生理學或解剖學者，須修本校醫學系或研究所生理學或解剖學3學分。若未修過工程數學者，須修研究所的醫用數學或生物統計(醫療器材生醫統計與臨床實驗)3學分（註：大學部課程60分及格，但不計入畢業學分）。

2. In addition, the required courses for Doctoral students are as follows:

- (1) Students in both groups A&B must enroll at least 6 credits in (1) Physiology, (2) Human Anatomy from NCKU medical school or other graduate schools in NCKU, or (3) other Biology related courses from NCKU medical school. Only 3 credits from biology related courses will be counted. The courses are subject to approval at the faculty meeting.
- (2) Students in group C must take at least 6 credits in (1) college level Engineering Mathematics, (2) Engineering Mathematics in Medicine, or (3) Biostatistics at the graduate school level of NCKU.
- (3) Students in group D must take Biodesign 1 and 2 in BME. Those who don't have Physiology or Human Anatomy background are required to take 3 credits in Physiology or Human Anatomy from NCKU medical school or other graduate schools in NCKU.

For those who have no Engineering Mathematics background, 3 credits in Engineering Mathematics or Engineering Mathematics in Medicine (Statistics and Clinical Trials for Medical Device) from other graduate schools in NCKU must be taken. (Note: 60 is the passing score for college level courses, and college level credits will not be counted for graduation credits).



BME博士班修業規範一

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

- 三、上述課程需經指導教授及系主任同意。 **第一條 課程學分規定(續)**
- 四、本系學、碩士直升博士者，至少應修習博士班專題討論二門（且含口頭報告2次）。
- 五、第二款所規定之解剖學，外籍生若因中文授課而無法修習時，得修習分醫所英語授課之高階細胞生物學抵免之。
- 六、碩博士班研究生依規定應修習研究生通識課程，含學術倫理至少6小時、中英文寫作能力及溝通表達能力各1小時。本系研究生通識規劃於專題討論（二）及專題討論（三）課程中，若因故無法修習上述兩門課程時，應另行補足研究生通識時數，並於畢業審查時檢據證明之。

3. Before enrolling in any of the courses stated above, students must discuss and get approval from both their advisors and the department chair.

4. Students who are directly admitted into doctoral programs (from college level or master level) must take at least 2 "doctoral program seminar" courses, and must also include oral presentations in the two courses.

5. "Anatomy" specified in item 2 may be replaced by "Advanced Cell Biology" which is taught in English and offered by Institute of Molecular Medicine for international students when "Anatomy" is taught in Chinese.

6. Doctoral students should practice in graduated general courses, including academic ethics for at least 6 hours, Chinese and English writing skills, and communication skills. The graduated general courses are planned in the seminar (II) and seminar (III). If you are not able to practice the above two courses, the graduated general credits should be completed separately, and the inspection of check at the graduation review.



BME博士班修業規範一 4

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

• 第二條 選定指導教授：

- 一、入學第一學年結束前必須選定，異動者，依「國立成功大學生物醫學工程學系研究生選擇及更換指導教授原則」提出申請。
- 二、主要指導教授須為本系專任教師。

Article 2: Thesis Advisor

1. Students should find their own thesis advisor before the end of the first semester of enrollment. In the event that a student wishes to change advisor, s/he must file an application following the “Guidelines for Selection and Changing of Graduate Thesis Advisor” and submit it to the department office.
2. The primary thesis advisor must be a full-time faculty of BME.

BME博士班修業規範-5

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

甲、乙組學生得自行選擇考試組別為甲/乙或丁組。 **第三條 資格考試**

一、筆試：

(一) 分組考試科目規定：

■ **甲組：**

(A) 生理學、解剖學或細胞生物學 (選一)

(B) 專業科目：生物力學、生醫材料、生物流體力學、動態分析、電腦輔助工程、奈米生物醫學 (選二)

(C) 跨組科目：1 門 (含丁組醫療器材創新設計、科技創業與投資管理、醫療器材法規與實務/智慧財產權管理)

■ **乙組：**

(A) 生理學、解剖學或細胞生物學 (選一)

(B) 專業科目：醫療儀器之設計與應用、醫療影像處理、生醫感測器、生醫訊號處理、數位醫療 (選二)

(C) 跨組科目：1 門 (含丁組醫療器材創新設計、科技創業與投資管理、醫療器材法規與實務/智慧財產權管理)

Article 3: Qualifying Examinations :

Students in Group A and B have to choice Group A, B or D for the test

1. Written test : (1) **Subjects:**

Group A

1. Physiology, Anatomy or Cell Biology (Choose One)
2. Professional subjects: Biomechanics, Biomaterials, Biofluid Mechanics, Motion Analysis, Computer Aided Engineering (Choose Two)
3. Cross-group subjects: Choose one course from other group's professional subjects (Including Group D: Biodesign, High-Techentrepreneurship and Venture Capital, Medical Device Regulatory/ Intellectual Property Rights and Management)

Group B

1. Physiology, Anatomy or Cell Biology (Choose One)
2. Professional subjects: Medical Instrument Design & Application, Medical Image Processing, Biosensor, Biomedical Signal Processing, Medical System Analysis, Digital Health. (Choose Two)
3. Cross-group subjects: Choose one course from other group's professional subjects (Including Group D: Biodesign, High-Techentrepreneurship and Venture Capital, Medical Device Regulatory/ Intellectual Property Rights and Management)



BME 博士班修業規範 (一)

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

• 第三條 資格考試(續)

■ 丙組：

- (A) 醫用數學或生物統計
- (B) 專業科目：依研究方向，選擇甲組或乙組之專業科目 (選二)
- (C) 跨組科目：1 門 (含丁組醫療器材創新設計、科技創業與投資管理、醫療器材法規與實務/智慧財產權管理)

■ 丁組：

- (A) 醫療器材創新設計或科技創業與投資管理
- (B) 專業科目：醫療器材法規與實務/智慧財產權管理、甲組或乙組之專業目 (選二)
- (C) 跨組科目：
 - (工程背景) 生理學或解剖學
 - (非工程背景) 醫用數學或生物統計(醫療器材生醫統計與臨床實驗)

C Group

1. Engineering Mathematics in Medicine or Biostatistics
2. Professional subjects: The graduate students should choose professional subjects listed in A or B group according to their chosen research field. (Choose Two)
3. Cross-group subjects: Choose one course from other group's professional subjects (Including Group D: Biodesign, High-Tech Entrepreneurship and Venture Capital, Medical Device Regulatory/ Intellectual Property Rights and Management)

D Group

1. Biodesign or High-Tech Entrepreneurship and Venture Capital.
2. Professional subjects: Medical Device Regulation / Intellectual Property Rights and Management (Choose Two)
3. Cross-group subjects:
 - (Engineering background) Physiology or Anatomy
 - (Non-Engineering background) Engineering Mathematics in Medicine or Biostatistics (Statistics and Clinical Trials for Medical Device)

• 第三條 資格考試(續)

(二) 選考科目須經指導教授或系主任簽名同意後始可提出申請，選考科目必須於入學後4年內完成始得發放證書，未於期限內完成者視同未通過資格考，應予退學。

(三) 筆試時，所有考試科目同時考，及格之科目成績得保留，筆試有3次考試之機會，若未如期通過者，應予退學。

(四) 研究生若於時限內，跨組科目無法通過，經指導教授推薦，系主任認可後，得以選修相關學科及格，取代該跨組科目考試，但以選考前已經修過該科目學分者為限。

(五) 資格考試應於入學 4 年內完成。

(六) 資格考得以發表論文方式抵免為之。學生仍需依規定申請資格考科，抵免科目屬性不限，一篇至多抵

BME 博士班修業規範 - 7

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

(2) The exam application for elective subjects must be signed by the advisor or the department chair. **The qualifying examination must be finished in four years after entering the school. Those who failed to finished the qualifying examination in the deadline will be dropped out.**

(3) All subjects chosen should be taken together in one exam day. If any subject has reached the passing score, it is considered as passed. However, if a student fails a subject, s/he is allowed to retake the exam excluding the subject(s) s/he already passed. If a student fails to pass any of the subjects in three attempts, the department has the right to expel the student.

(4) If a student cannot pass the chosen cross-group subject in three attempts, the student is allowed to take a different cross-group subject as replacement, provided that s/he has already completed the subject credits before the examination. This course replacement application must be approved by the advisor and the department chair.

(5) The qualifying exam must be completed within 4 academic years starting from the student's admission.

(6) The qualifying exam can be waived by research papers publication. The students should still fill in the qualifying exam application to waive the subjects. The students can choose by themselves for the subjects they are going to waive. One published paper can waive 2 subjects at most, and only 2 subjects most can be waived by papers publication.

The IF ranking of paper published for qualify waive should be in the Journal ranking in the top 50% (inclusive), according to article 4 of this diploma regulations. However, this publication cannot be counted into the required 5 points research paper submissions or publications.

Both the subjects waived by paper publication and the grades of qualifying exam need to be approved by faculty meeting.



BME博士班修業規範一 8

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

• 第三條 資格考試(續)

二、資格考試之筆試應於每學期之學期結束前提出申請，第二學期開學後第一個月舉行，相關日期每學期另行公告之。

三、通過資格考試者為博士學位候選人。

四、學位口試至少 3 個月前，必須完成論文研究計畫書審查。

2. If the student plans to take the written exam in a certain semester, s/he must complete the application in the previous semester. The exam will be held in the first month of the designated semester. The specific exam dates will be announced in the beginning of each semester.
3. Students who passed the qualification exams are considered Doctoral Candidates.
4. The review of the thesis research plan must be completed three months before the oral defense.



BME博士班修業規範一

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

第四條 學位口試：

- 一、申請者須為博士學位候選人，且已修畢應修學分。
- 二、博士論文以英文撰寫，內容須為修讀博士學位期間所完成之研究。申請學位口試前，應檢附下列資料，提送系務會議審核通過後，始得提出學位口試申請：
 - (一) 本系博士班學生畢業前論文發表積分至少須滿 5 點，其中 3 點須是 SCI 論文，並以博士候選人為第一作者（若有共同第一作者，只認可排序第一位之作者），且文章的單位名稱排名應以本系名稱(Department of Biomedical Engineering, National Cheng Kung University)為第一位。論文記點之計算，以申請審查當時JCR的最新的期刊影響係數 (impact factor, I.F.) 及排名 (category ranking) 計算點數算，如論文時之期刊論文點數高於最新期刊排名點數者，可從優採計。論文積分計算如下：

Article 4: Doctoral Degree Examinations

1. The applicant must be a Doctoral Candidate and have already obtained all required graduation credits.
2. The doctoral thesis must be written in English. The content must elaborate the research completed while studying in the BME Ph.D. program. The candidate must file the following documents to the BME faculty meeting for review and approval before applying for oral defense: (1) BME Ph.D. candidates must get at least 5 points from research paper submissions or publications before graduation. 3 of the 5 points must be from papers published in SCI journals. The Ph.D. candidate must be the primary author (if the authors are listed as equal contributors, only the first author is recognized). The Department of Biomedical Engineering, National Cheng Kung University must also be shown as the primary affiliation of the author.

The point system must follow these rules:

- (1) follow the latest JCR impact factor and category ranking at the time the candidate files the application for review;
- (2) If the impact factor of the journal was higher when the paper was received (judged by the date of receiving) than its latest impact factor, the higher impact factor is counted.

BME博士班修業規範 - 10

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

論文積分計算如下:

1. IF排名在該領域前10% (含) 或 $IF \geq 5.0$ 者為5點。
2. IF排名在該領域前25% (含) 或 $IF \geq 3.0$ 者為4點。
3. IF排名在該領域前50% (含) 或 $IF \geq 2.0$ 者為3點。
4. IF排名在該領域前75% (含) 或 $IF \geq 1.0$ 者為2點。
5. 其他SCI (含SCIE) 為1點。(以2點為限)
6. 與論文研究相關之文稿，並已投稿於最近三年SCI引用期刊者為1點。與論文研究相關的醫療器材查驗登記文件 (如FDA 510k, PMA或CE) 備齊並完成登記者或TFDA Class II以上獲證者為1點 (以1點為限)。
7. 修業年限(不含休學)在6年(含)以上者，其第一作者的國際會議論文、EI 的英文期刊論文或獲得國內外發明專利 (不含新型專利) 者為0.5點 (以1點) 為限。
8. SSCI期刊論文，比照SCI排名計分標準，乘上二倍。

第四條 學位口試(續)

(二) 以上資料檢附格式另訂之，如獲專利暫時無法發表者，須檢附專利文件及完成之文稿，交由系務會議審議之。

三、口試委員：由指導教授推薦5至9位委員組成，校外委員須1/3 以上。召集人由校內委員 (非指導教授) 一人擔任，其餘委員選任相關規定依本校規定辦理。

四、學位考試方式：依本校及本系規定辦理，且應於一週前公告之。

The paper points are calculated as follows:

- (1) The Journal whose IF ranking is in the top 10% (inclusive) or $IF \geq 5.0$ in the field will be 5 points.
 - (2) The Journal whose IF ranking is in the top 25% (inclusive) or $IF \geq 3.0$ in the field will be 4 points.
 - (3) The Journal whose IF ranking is in the top 50% (inclusive) or $IF \geq 2.0$ in the field will be 3 points.
 - (4) The Journal whose IF ranking is in the top 75% (inclusive) or $IF \geq 1.0$ in the field will be 2 points.
 - (5) The Other SCI Journal (including SCIE) will be 1 point. (limited to 2 points)
 - (6) Papers which are directly related to their thesis and have already been submitted to a journal listed in SCI will get 1 point. Medical devices which are directly related to their thesis, of which the inspection and registration documents (such as FDA 501K, PMA or CE) have been completely prepared, and also have completed the registration process, will get 1 point. An FDA Class II registration will also get 1 point. (Points from medical devices registration documents will get a maximum of 1 point.)
 - (7) The Ph.D. candidates whose years of study is above 6 years (including the 6th year, but excluding the suspension years), can get 0.5 point from: (1) international conference papers of which s/he is the primary author, (2) papers written in English and posted in Journals listed in EI, (3) obtained an invention patent (exclude the utility model patent) at home and abroad. (Points from this article will get a maximum of 1 point.)
 8. SSCI期刊論文，比照SCI排名計分標準，乘上二倍。
 - (8) Articles from SSCI Journals, will be 2 times the points of SCI journals
 - (2)The format of the research papers will be made for reference. If any of the publication is one patent which cannot be published by the time of application, the candidate can file the completed documents of the patent to the faculty meeting for review.
3. Committee Members of Doctoral Oral defense: The doctoral examination committee members must be recommended by the advisor and shall consist of 5 to 9 members, including one-third or more non-NCKU faculty members. The convener should be an NCKU faculty (excluding the advisor) and the rest of the committee members shall be elected in accordance with the NCKU regulations.
4. Doctoral Degree Examinations:
Must be conducted in accordance with the NCKU and BME regulations. The date must be announced one week before the examination.



BME博士班修業規範—11

Requirements for Ph.D. Program in Biomedical Engineering Department, National Cheng Kung University

- **第五條 其他相關規定：**
 - 一、博士班學生得視需要擔任助教工作。
 - 二、研究生校外有專職者須向指導教授報備。
 - 三、博士班學位候選人若需至設備較本系為佳之機關做實驗時，應提出書面申請，經指導教授及系主任同意後，得至該機關研究。
- **第六條 如有未盡事宜依本系、本校及教育部相關規定辦理。**
- **第七條 本辦法經系務會議通過後實施，修訂時亦同。**

Article 5: Other Regulations

1. Ph.D. students are required to serve as teaching assistants if needed.
2. Ph.D. students who have a full time job outside the university, shall notify the advisors.
3. When a doctoral candidate needs to conduct an experiment in an off-campus lab or institution, a written application should be submitted to the department office. The application is subject to approval of the advisor and the department chair before the off-campus lab use.

Article 6 For other matters, follow the relevant regulations of the department, the university and the Ministry of Education.

Article 7 The amendments to these regulations must be approved by the faculty of this department.



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國立成功大學生物醫學工程學系研究所學生更換指導教授申請表

NCKU-BME Advisor Re-Commitment Form

學生姓名(Name)	學號 (ID)	年級 (Year)	<input type="checkbox"/> 博(PhD) <input type="checkbox"/> 碩(Master) ____年級(year)
申請日期(Date)	年(yy) 月(mm) 日(dd)		
申請理由 (Reason of Application)			
原指導教授同意簽章 Signature of Advisor(Previous)	日期(Date): 年(yy) 月(mm) 日(dd)		
新指導教授同意簽章 Signature of Advisor	日期(Date): 年(yy) 月(mm) 日(dd)		
系主任同意簽章 Signature of Chairman	日期(Date): 年(yy) 月(mm) 日(dd)		

NCKU BME Advisor Re-Commitment Form



National Cheng Kung University

Department of Biomedical Engineering(M.S. Ph.D. MDI)

NCKU

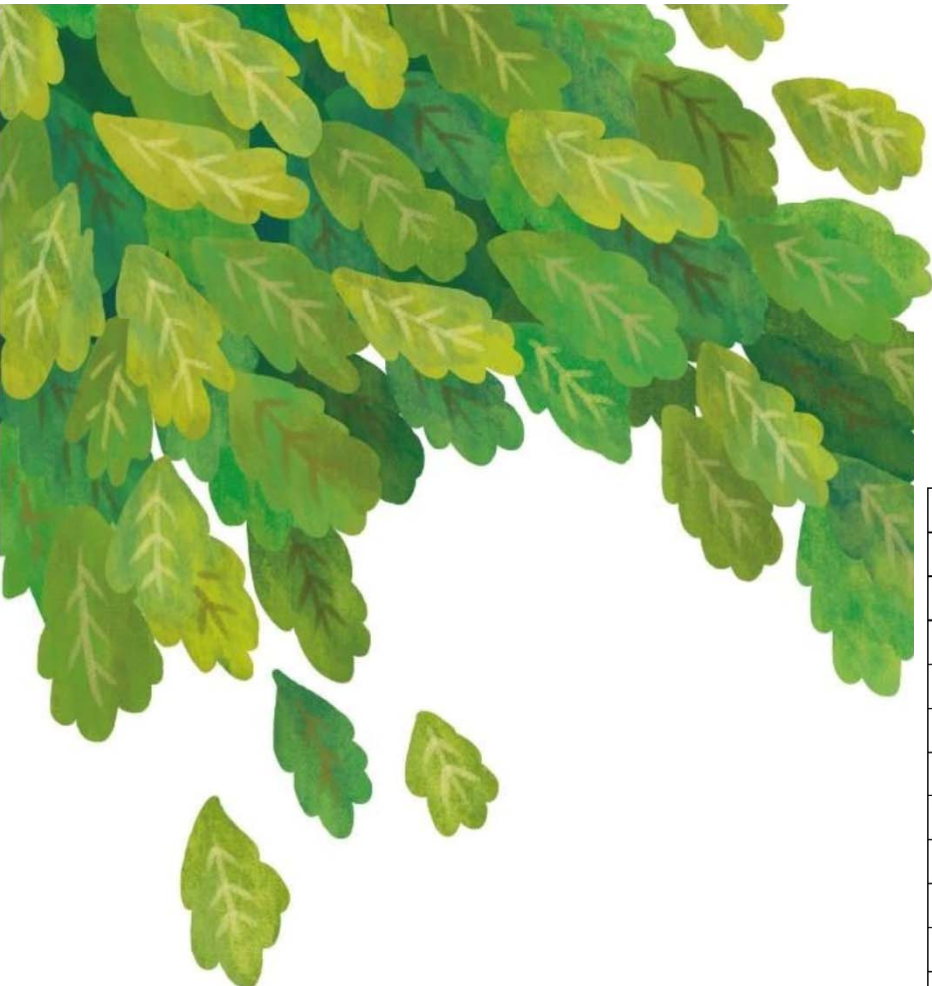
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生物醫學工程學系學分承認表
 DEPARTMENT OF BIOMEDIC ENGINEERING
 APPLICATION FOR CREDIT TRANSFER
(博士班)
 Doctoral Program

申請日期: _____/_____/_____ 系所: _____ 年級: _____ 學號: _____ 申請人姓名: _____
 Date of Application month day year Name of Department Year Student ID No. Name of Applicant

原校所修課程 Course Completed in Previous Institution			擬承認 學分 No. of Credits Transferable	系務會議 同意承認學分數 Credits admitted by staff meeting
科目 Course Title	成績 Grade	及格學分 No. of Credits		

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本頁小計承認 _____ 學分，總計承認 _____ 學分
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備註：申請學分承認者，請填寫本表格後繳交至系辦公室，提送系務會議承認。
 Note: Students who apply for credits waiver should file this form to the office, and must be approved by the department meeting

Qualifying

博士班資格考 Ph.D. Qualifying Examinations

甲組

- (A) 生理學、解剖學或細胞生物學 (選一)
- (B) 專業科目：生物力學、生醫材料、生物流體力學、動態分析、電腦輔助工程、奈米生物醫學 (選二)
- (C) 跨組科目：1 門

A Group

- 1. Physiology, Anatomy or Cell Biology (Pick One)
- 2. Professional subjects : Biomechanics, Biomaterials, Biofluid Mechanics, Motion Analysis, Computer Aided Engineering , Nano-Biomedicine (Pick Two)
- 3. cross-group subjects: Pick One

乙組

- (A) 生理學、解剖學或細胞生物學 (選一)
- (B) 專業科目：醫療儀器之設計與應用、醫療影像處理、生醫感測器、生醫訊號處理、數位醫療 (選二)
- (C) 跨組科目：1 門

B Group

- 1. Physiology, Anatomy or Cell Biology (Pick One)
- 2. Professional subjects : Medical Instrument Design & Application, Medical Image Processing, , Biosensor, Biomedical Signal Processing, Digital Health. (Pick Two)
- 3. cross-group subjects: Pick One.

丙組

- (A) 醫用數學或生物統計
- (B) 專業科目：依研究方向，選擇甲組或乙組之專業科目
(選二)
- (C) 跨組科目：1 門

C Group

- 1. The Engineering Mathematics in Medicine or Biostatistics
- 2. Professional subjects : The graduated students should choose professional subjects listed in A or B group according to their chosen research field. (Pick Two)
- 3. cross-group subjects: Pick One.

丁組

- (A) 醫療器材創新設計或科技創業與投資管理
- (B) 專業科目：醫療器材法規與實務 / 智慧財產權管理、甲組或乙組之專業科目 (選二)
- (C) 跨組科目：
 - (工程背景) 生理學或解剖學
 - (非工程背景) 醫用數學或生物統計(醫療器材生醫統計與臨床實驗)

D Group

- 1. Biodesign or High-Tech Entrepreneurship and Venture Capital.
- 2. Professional subjects : Medical Device Regulatory/ Intellectual Property Rights and Management (Pick Two)
- 3. cross-group subjects:
 - (Engineering background) Physiology or Anatomy
 - (Non-Engineering background) The Engineering Mathematics in Medicine or Biostatistics(Statistics and Clinical Trials for Medical Device)

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國立成功大學研究生學位考試網路申請作業
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