

國立臺灣大學化學工程學系博士學位候選人資格考核實施辦法
Implementation Regulations Governing Qualifying Examination of National Taiwan University Department of Chemical Engineering Ph.D. Candidate

95 學年度第八次系務會議通過
Approved by the 2006 Academic Year
Departmental 8th Affairs Council
96 學年度第一次教務會議報告
Reported by the 2007 Academic Year
1st Meeting for Academic affairs
(97.8.13) 97 學年度第一次系務會議通過
Approved August 13, 2008 by the 2008
Academic Year Departmental 1st Affairs Council
(97.10.13) 97 學年度第一次教務會議報告
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Academic Year 1st Meeting for Academic affairs
(97.10.8) 97 學年度第二次系務會議通過
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Academic Year Departmental 2nd Affairs Council
(98.1.9) 97 學年度第二次教務會議報告
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Academic Year 2nd Meeting for Academic affairs
(98.9.1) 98 學年度第一次系務會議通過
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(99.1.8) 98 學年度第一學期第二次教務會議核備
Approved for reference January 8, 2010 by
the 1st semester of 2009 Academic Year
2nd Meeting for Academic affairs
(99.5.5) 98 學年度第六次系務會議通過
Approved May 5, 2010 by the 2009
Academic Year Departmental 6th Affairs Council
(99.6.11) 98 學年度第二學期第二次教務會議核備
Approved for reference June 11, 2010 by
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2nd Meeting for Academic affairs
(103.3.19) 102 學年度第三次系務會議通過
Approved March 19, 2014 by the 2013
Academic Year Departmental 3rd Affairs Council
(103.4.16) 102 學年度第四次系務會議通過
Approved April 16, 2014 by the 2013
Academic Year Departmental 4th Affairs Council
(103.6.6) 102 學年度第二學期第二次教務會議核備
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the 2nd semester of 2013 Academic Year
2nd Meeting for Academic affairs
(106.12.20) 106 學年度第二次系務會議通過
Approved December 20, 2017 by the 2016
Academic Year Departmental 2nd Affairs Council
(107.3.23) 106 學年度第二學期第一次教務會議核備
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the 2nd semester of 2017 Academic Year
1st Meeting for Academic affairs
(107.7.25) 106 學年度第六次系務會議通過
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Academic Year Departmental 6th Affairs Council
(107.10.19) 107 學年度第 1 學期第 1 次教務會議核備
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1st Meeting for Academic affairs

第一條、本辦法依據國立臺灣大學博士學位候選人資格考核實施要點訂定之。

Article 1. These guidelines are based on “key points for implementation of the qualification examination of National Taiwan University doctoral candidates.”

第二條、本系於每學年第二學期舉行博士資格考核，並於考核日期一個月前受理申請。

Article 2. Approval of qualification of Ph.D. candidates is conducted in the second semester each academic year. Application may be made in the month prior to the date of the qualification.

第三條、報考博士資格考核之資格：本系之博士班研究生(含已錄取並取得入學資格之新生)或碩士班研究生。

Article 3. These regulations apply to doctoral students or master's graduates (including recently accepted students) in the chemical engineering department.

第四條、本系之博士班研究生應於入學四學期(含休學)內完成資格考試，未於規定年限內完成博士資格考核者，應令退學。

Article 4. Doctoral students of this department must complete the doctoral qualification approval requirements within four semesters (even if the student takes a year off). Doctoral candidates who do not complete the doctoral qualification approval examination are required to withdraw from the school.

第五條、博士資格考核科目與及格認定標準：

Article 5. Subject tests and passing standards for doctoral candidate.

1. 筆試科目：流體力學及操作(原為流體力學)100分、熱質量傳遞 100分、化工熱力學 100分及化工動力學 100分。

1. Written test: 100 points for Fluid Mechanics and Unit Operations (previously known as Fluid Mechanics), 100 points for Heat and Mass Transfer , 100 points for Chemical Engineering Thermodynamics , and 100 points for Chemical Engineering Kinetics .

2. 及格認定標準：筆試結束後，由系務會議訂定各科目之高標與低標分數。

2. Passing standard: after the written tests, the Departmental Affairs Council will determine the high-pass and low-pass scores for each subject.

(1) 凡同時考四科者如各科分數均達低標分數，且其四科總分達各科高標分數之總和者，均認定為通過資格考核；

(1) For students who take all four subject tests, if their score for each subject is greater than or equal to the low-pass score for that subject and the sum of their scores is greater than the sum of the high-pass scores for all four subjects, they will pass the qualification;

(2) 如未達(1)項及格標準之學生，該生得保留其中達高標分數之科目，並於限期內重考其他科目，各科均需達高標分數；

(2) Students that do not satisfy the above requirement (1) may keep the test results for the subjects for which they meet or exceed the high-pass score level and retake other subject tests within the required time. The score on each test must be at or above the high-pass level for that test.

(3) 凡是博士班學生最後一次考核者其成績未達上述(1)、(2) 項及格標準時，其當次應考成績總分與高標總和分數相差 10%以內，且四科成績皆達低標分數時，由系務會議參照該生所有資料討論後舉行無記名表決，及格之認定須以出席人數之三分之二通過為之。

(3) For those students who do not satisfy either requirements (1) or (2) after two years, if each test score is at or above the low-pass score and the difference between the sum of the scores and the sum of the high-pass scores is within 10% of the sum of the high-pass scores, the Departmental Affairs Council will vote anonymously after the discussion based on the student's records. If two-thirds of those in attendance agree, the

student will pass the qualification.

第六條、 抵免第四條之博士資格考核筆試科目之辦法

Article 6. Methods for waiving the written test requirement for qualification for Ph.D. in Article 4

曾修過本系下列課程而成績符合下列規定者，可抵免博士資格考核科目：

Students who have completed the courses listed below and achieved the given threshold can waive the written test requirement for that subject for qualification approval for Ph.D.

1. 高等流體力學乙門課之修課成績須及格且皆達該班前 60% (含)抵免筆試科目「流體力學及操作」。
1. A student whose grade in Advanced Fluid Dynamics is within the top 60% (inclusive) in the class can waive the written test for “Fluid Mechanics and Unit Operations.”
2. 高等熱質量傳遞乙門課之修課成績須及格且皆達該班前 60% (含)抵免筆試科目「熱質量傳遞」。
2. A student whose grade in Advanced Heat and Mass Transfer is within the top 60% (inclusive) in the class can waive the written test for “Heat and Mass Transfer.”
3. 高等化工動力學乙門課之修課成績須及格且皆達該班前 60% (含)抵免筆試科目「化工動力學」。
3. A student whose grade in Advanced Chemical Engineering Kinetics is within the top 60% (inclusive) in the class can waive the written test for “Chemical Engineering Kinetics.”
4. 高等化工熱力學乙門課之修課成績須及格且皆達該班前 60% (含)抵免筆試科目「化工熱力學」。
4. A student whose grade in Advanced Chemical Engineering Thermodynamics is within the top 60% (inclusive) in the class can waive the written test for “Chemical Engineering Thermodynamics.”
5. 若抵免博士班資格考核科目之課程未達該班前 60% (含)者，可重修此課程。重修後成績達該班前 60% (含)者，即可抵免此博士資格考核科目。
5. Students who do not achieve a score within the top 60% (inclusive) in these courses may retake the courses. Students who achieve a score within the top 60% (inclusive) after re-taking the course can waive the written test requirement for that subject for qualification approval for Ph.D.

第七條、 碩士班研究生於畢業後三年內攻讀博士者：

Article 7. For graduate students who pursue the degree of Ph.D. within three years after graduation with a master's degree:

1. 碩士班即已通過博士資格考核者，予以承認保留其通過考核之資格。
1. Graduate students who pass the doctoral qualification approval examination are admitted and retain the qualification for passing the examination.
2. 碩士班曾報考博士資格考核，達高標分數之筆試科目成績，予以保留。
2. Students that took the doctoral qualification approval examination as master's students may keep scores on the written tests that meet or exceed the high-pass scores.
3. 碩士班修課成績，可用於申請抵免博士資格考核筆試科目，抵免方式依本辦法第五條辦理。
3. The scores of the classes taken in the master's degree program can be applied to waive

the written test requirements of the doctoral qualification approval examination as described in point 5.

第八條、 博士班研究生經資格考核及格後，由本系通知教務處於其成績表登錄。

Article 8. The department will inform the Academic Affairs Office to register the score table of the doctoral students that pass the doctoral qualification approval examination.

第九條、 博士班學生具下列二項條件者，得為博士學位候選人：

Article 9. Doctoral students who meet the following two conditions shall become the doctoral candidates:

1. 通過博士資格考核；

1. Pass the doctoral qualification approval examination.

2. 修畢博士學位應修之修課學分。

2. Complete the necessary academic credits (coursework requirements) for the Ph.D.

第十條、 博士班研究生獲得博士學位候選人資格者，由本系通知教務處於其成績表註記為博士學位候選人。

Article 10. Ph.D. students that are qualified to be doctoral candidates will have a notation placed on their transcript by Academic Affairs Office after that office is notified by the chemical engineering department.

第十一條、 本辦法經系務會議通過並送教務處備查後，自發布日施行。

Article 11. After this regulation is passed during a Departmental Affairs Council meeting and transferred to the Academic Affairs Office for future reference, it will be effective from the date of announcement.