

# 大葉大學機械與自動化工程學系博士學位候選人資格考核實施辦法

92 年 6 月 23 日系務會議訂定  
93 年 3 月 9 日系務會議修訂  
93 年 11 月 11 日系務會議修訂  
93 年 11 月 18 日教務會議通過  
98 年 05 月 07 日系務會議修訂  
98 年 11 月 12 日系務會議修訂  
101 年 9 月 5 日系務會議修訂

第一條 本辦法依照本校「博士學位候選人資格考核實施要點」及「大葉大學機械與自動化工程學系博士班研究生修業規定」訂定。

These requirements are in accordance with the “Main Points on Doctoral Candidate Requirements” and the “PhD Stipulation Requirements of Da-Yeh University’s Department of Mechanical and Automation Engineering”.

第二條 博士候選人學科考試規定

Qualifying Examination on Academic Courses

博士班研究生在完成博士學位應修課程且通過下列兩種考試後即成為博士候選人。

Having finished the academic courses, the PhD student should pass two qualifying examinations to be a PhD candidate.

一、學科考試

Qualifying Examination

(一) 考試時間

The Examination Time

1. 博士班研究生入學後即可參加學科考試，惟必須於三年內通過全部之應考科目，入學後三年內如未全部通過，即予退學。

The student can take the examinations after enrolling the school in the first three years. Otherwise, the student will be asked to withdraw.

2. 學科考試每年分別於十月及三月各舉辦一次，每科以重考二次為限。

The qualifying examinations are held in October and March every year. Each subject can be retaken only twice.

(二) 考試科目

The Examination Subjects

1. 選考二科，考試以七十分為通過標準。

Two subjects are required to pass. For each subject, the minimum requirement to pass is 70 points.

2. 考試科目為：工程數學、應用力學、材料力學、流體力學、熱力學、自動控制、機械製造、電子電路、機械材料。

The examination subjects include Engineering Mathematics, Applied Mechanics, Mechanics of Materials, Fluid Mechanics, Thermodynamics, Automatic Control, Mechanical Manufacturing, Electric Circuits & Electronics and Materials for Mechanical Engineering.

(三) 考試方式

The Examination Procedure

1. 申請學科考試之時間分別於每學期開學前三週，選定一或二科考試科

目。

Students can register for the examination within the first 3 weeks of any semester and they can choose one or two subjects each time.

2. 所長依考試科目之領域，委請相關專長之教師出題。

The director will assign professors to design the examination problems.

3. 考生之指導教授以迴避為原則。

The adviser of the student who takes the exam should be avoided to design the examination problems.

4. 若所選考之任一科目無法於三次內通過筆試時，其筆試成績達 50 分(含)以上者，得於資格考通過期限內具有一篇以第一作者(指導教授除外)並以大葉大學機械與自動化工程學系之名義刊登(接受)之國際期刊論文(SCI、EI)者，或該科目得另以口試行之，但至多以一次為限。口試由系主任指派三至五位口試委員進行。口試成績 70 分(含)以上者方視為通過該科學科考試；若經口試一次仍不及格，則由本系通知教務處勒令退學。

For each subject, a student can have at most 3 tries. If the student fails the examinations 3 times, but the scores are higher or equal to 50 points, the student has an alternative for qualifying. That is, there should be at least one accepted International Journal (SCI、EI) papers, of which the student must be the first author (besides adviser) and affiliated by Department of Mechanical and Automation Engineering, Da-Yeh University. Then, the student has option to take an oral examination for this subject, but only once. For the oral exam, the director should choose 3 to 5 committee members. The student must pass the exam if the score is higher or equal to 70 points, otherwise the student is rejected.

## 二、研究計畫口試

The proposal defense of research topic

- (一) 博士班研究計畫口試需於通過學科考試後提出，研究計畫口試委員由該生之指導教授邀請五至九位考試委員擔任。第一次口試若未通過，須於未通過後之一年內，以書面申請第二次口試，若仍未通過即予退學。

The student can apply for the proposal oral defense after passing the qualify examinations. The student's adviser should invite 5 to 9 to be committee members. If the student cannot pass the first proposal defense, it must be applied for another second proposal oral defense in one year after the first defense by written application. The student should be rejected if he does not pass the above mentioned proposal defense.

- (二) 委員資格請參照研究生學位考試辦法，以審定其研究計畫之可行性。

The committee members base on the regulations of the PhD to judge the feasibility of the research topic.

第三條 本辦法經系務會議通過，送教務會議核備後實施，修訂時亦同。

These rules have been approved by Department of Mechanical and Automation Engineering.