

Department of Biomedical Engineering Doctoral Degree Candidate Qualification Examination Implementation Guidelines

Approved by the Department Meeting on Jun. 4, 1997 Revised by the Department Meeting on Mar. 3, 1999
Revised by the Department Meeting on Jan. 2, 2002 Revised by the Department Meeting on Sep. 10, 2004
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Revised by the Department Meeting on Jan. 11, 2006 Revised by the Department Meeting on Jan. 12, 2011
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Revised by the Department Meeting on Oct. 9, 2019

1. In order to assess the research capability of doctoral students and ensure they possess the necessary academic qualifications, these guidelines are established based on the regulations for the doctoral program of this department, as well as the related regulations of the university and the Ministry of Education.
2. The doctoral candidate qualification examination in this department consists of two parts: written examination and oral examination.
 - I. Written Examination:
 - General students:
 - (1) Introduction to Biomedical Engineering
 - (2) Biomedical Engineering Mathematics or Physiology (Only one subject may be selected per examination session. If the student has achieved a grade of 85 or above in this subject during their studies in the department, they may apply for an exemption.)
 - (3) One professional subject offered by the department (excluding subjects taught by the student's advisor) (New students who enter after the second semester of the 2018 academic year are exempt from this exam.)
 - Doctoral students with medical qualifications: May apply to take only the "Introduction to Biomedical Engineering" exam.
 - II. Oral Examination:
 - (1) The oral examination will cover the student's doctoral thesis research proposal.
 - (2) The application for the oral exam can only be submitted after passing the written examination. The oral examination committee will consist of 3 to 5 members, selected from experts and scholars, both internal and external to the university, who specialize in the student's proposed research topic and hold the qualifications to be doctoral examiners. At least two members of the committee must be full-time faculty members from this department. The committee members will be recommended by the student's advisor and appointed by the department chair.
3. The written qualification examination application must be submitted before the end of each semester, and the exam will be held in the following semester (the department will announce the exam dates each semester).
4. Students who score below 30% of the passing grade in any subject will not be allowed to apply to retake that subject in the following semester.
5. The qualification examination results will be verified and approved by the "Doctoral Program Qualification Examination Committee" of the department.
6. These regulations will be implemented upon approval by the departmental meeting and submission to the Academic Affairs Office for record-keeping and public announcement. The same process will apply to any amendments.