

Qualifying Examination Form (for international students)
Department of Mathematics, Faculty of Science, Chiang Mai University

Requiring having the exam in **Semester**..... **Academic Year**..... (must submit the form in advance,
at least one semester)

1. Student ID..... Name-Surname.....

2. Subjects that are chosen to test (select two subjects from two groups)

Group 1: Analysis

Mathematical Analysis Real Analysis Complex Analysis Functional Analysis

Group 2: Algebra

Algebra Algebra 2 Algebraic Semigroup Theory Linear Algebra

Group 3: Ordinary Differential Equations

Theory of Differential Equations

Group 4: Partial Differential Equations

Partial Differential Equations

Group 5: Discrete Mathematics

Graph Theory Combinatorics

Group 6: Numerical Analysis

Numerical Analysis

Group 7: Topology

Topology

Group 8: Probability

Stochastic Process and Applications

Student's Signature.....
(.....)

Advisor's Comments

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.....

Advisor's Signature.....
(.....)

Guidelines for Qualifying Examination

The guidelines are for students with ID 63 onwards. For students with other IDs, they can request to use the present guidelines. The Graduate Program Administrative Committee will consider case by case.

1. The qualifying exam will be arranged one time per semester (not including summer semesters). The student must apply for the exam and choose two subjects with the consent of the thesis advisor before submitting the request form to the Graduate School.

2. The exam pools with 50-100 problems will be prepared for the examinee by the Subject Committee and will be sent to the examinee for preparation. The exam problems will be chosen randomly from the exam pools with appropriate number of problems within three hours.

3. The criteria for passing the qualifying exam are at least 50% for one subject and 70% for another subject.

4. When the qualifying exam completes, the Chairman of the Committee will report the result to the Graduate School within one week.

5. Students in the International Program must write the paper exam in English.

An unsuccessful examinee has one chance to take re-examination within the following regular semester by submitting his/her request form one more time, and the following rules apply.

1. The examinee must take the qualifying exam with the same subjects as he or she did in the previous semester.

2. 50% of the retake exam problems are taken from the previous exam and the other 50% from the same exam pool.

3. The criteria for passing are the same as above.

It should be emphasized that the re-examination must be completed within one regular semester after the first exam.

The Graduate Program Administrative Committee