

# Genome and Systems Biology Degree Program

## Qualification Examination Application Process

timetable



before application



committee review



after application

- An application for the qualification examination may be submitted before April 30th of each semester or before November 30th of each semester.
- An application must be submitted for the first time before the end of the second semester of the second year. If the first oral examination is unsuccessful, a second attempt may be made. The approval must be obtained no later than the completion of the third year of the doctoral program.

- Qualification examination application form, available for download on the GSB website
- Research Proposal Summary  
( Format : introduction 及 specific aim, "English writing up to 3 pages" )

- The committee will select a list of three candidates for the oral examination committee.
- The program office will send an invitation to serve as oral examination committee members. The list of committee members will be notified to the candidates depending on the response time of the committee members.
- The review process takes approximately 2 to 3 weeks.

- After determining the date of the oral examination with the qualifying examination committee members, candidates should notify the office. If assistance is needed in reserving a classroom, please contact the office.
- **One week before the oral examination, the student shall submit their research proposal to the qualification examination committee through the program office. The proposal will be checked for plagiarism by anti-plagiarism software before being forwarded to the committee.**
- Please download and print the oral examination score record form from the GSB website prior to the oral examination.

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## Grade definitions

- Doctoral students should possess the ability to write research proposals and conduct oral defense.
- Students should formulate a thesis topic in line with the research interests and interdisciplinary research concepts of the program's objective in genomics and system biology and draft the proposal that adheres to program guidelines. The advisor cannot write any section of the proposal on behalf of the student.
- The qualifying examination oral presentation not only evaluates the research ability of graduate students but also assesses whether their research demonstrates cross-disciplinary thinking. For instance, experimental-based papers should incorporate bioinformatics or computational biology, while computation or theory-based papers should include the design and implementation of experimental validation.

A+：所有目標皆達成且超越期望（All goals achieved beyond expectation）

A：所有目標皆達成（All goals achieved）

A-：所有目標皆達成，但需一些精進（All goals achieved, but need some polish）

B+：達成部分目標，且品質佳（Some goals well achieved）

B：達成部分目標，但品質普通（Some goals adequately achieved）

B-：達成部分目標，但有些缺失（Some goals achieved with minor flaws）

F：未達成最低目標（Minimum goals not achieved）

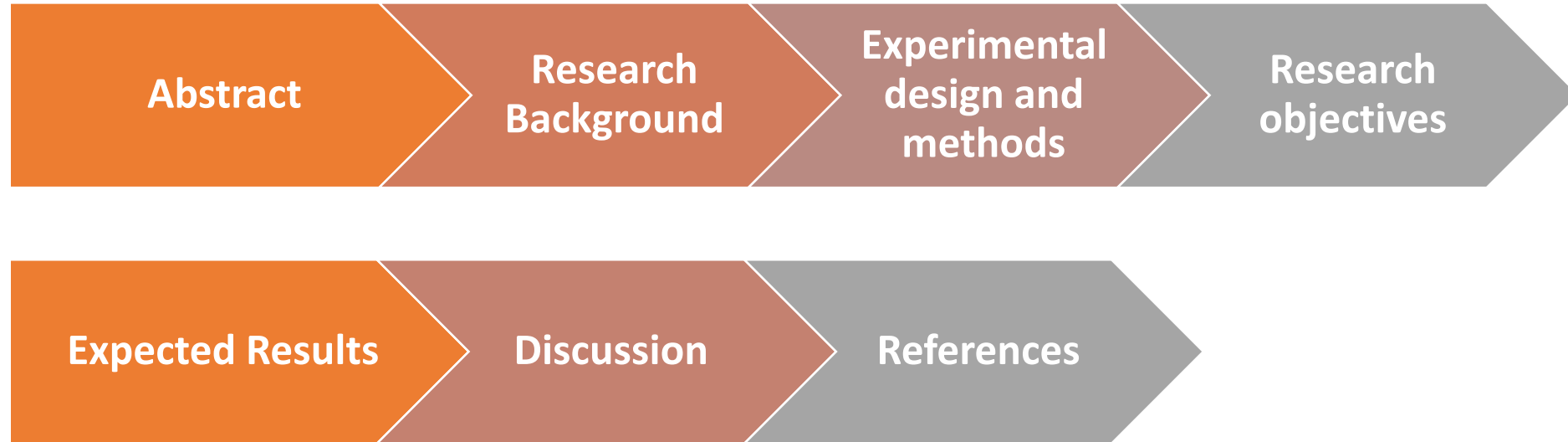
X：因故不核予成績（Not graded due to unexcused absences or other reasons）

➤ The passing grade for the qualification exam is a minimum average of B- or above.

➤ Students who fail the exam will be allowed to retake it once. If they fail the retake, the program will handle the situation according to the relevant policies of the university.

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## Research proposal format



- The research proposal should clearly articulate the problem to be addressed and the experimental methods to be used.
- It should also provide potential outcome analysis and discuss alternative solutions in case the experimental results do not meet the expectations.
- Please write the research proposal in English on A4 size paper, with a total length not exceeding 20 pages.
- The paragraphs should have single spacing, and the font should be Times New Roman with a font size of 12.