

PhD Minor Application for Admission/Qualification

☐ Information

Name: _____ Date: _____
(last) (first) (middle init.)

Campus Mailing Address: _____ Student I.D. #: _____

_____ Campus Phone: _____

E-mail Address: _____
(complete internet address)

Home Mailing Address: _____ Home Phone: _____

Major Department: _____

Major Advisor: _____ Advisor's Phone: _____

Dissertation Topic or Area: _____ Advisor's e-mail: _____

☐ Transcripts

Attach (unofficial) copies of undergraduate and graduate transcripts.

☐ GRE Scores

Attach (unofficial) copy of the GRE score report.

☐ TOEFL Scores

If a foreign applicant, attach (unofficial) copy of the TOEFL score report.

☐ Statement

Briefly state your reasons for choosing Computer Science as your minor subject:

☐ **Proposed PhD Minor Program**

After consultation with the Graduate Minor Advisor in Computer Science, complete the *Proposed PhD Minor Program* grid below. A description of the requirements follows the grid.

Proposed PhD Minor Program											
Year Term	pre- admit	F	S	20__ Su	F	S	20__ Su	F	S	20__ Su	F
COMP. EXAM CORE TOPICS (9 units) [†]											
452 Operating Systems											
453 Compilers/Sys. Soft.											
460 Database Design											
473 Automata											
520 Programming Languages											
522 Parallel & Dist. Prog.											
525 Computer Networking											
533 Graphics											
545 Algorithms											
552 Adv. Operating Sys.											
553 Prin. Compilation											
560 Database Sys. Impl.											
573 Thry. of Computation											
576 Architecture											
ELECTIVES (3 units)											
WRITTEN COMP. EXAM											
DEFICIENCY COURSES											

[†]At most 6 units at the 400-level can be included in the program.

Proposed PhD Minor Program—Instructions

- Mark opposite course number under semester to be taken; include grade when known.
- If you are transferring a course from elsewhere, indicate previous course title, year and university in the "Pre-admit" column.

CSc PhD Minor Program—Requirements

- 12 units total.

- At least 9 units must be from courses among the *Comprehensive Examination Core Topics*. A number of questions relating to core courses will appear on the written Comprehensive Exam.
- Remaining 3 units are elective. At least one question relating to each elective course will appear on the written Comprehensive Exam.
- A grade of A or B must be earned in all minor courses.
- More advanced courses can be substituted for courses in the Comprehensive Exam Core, as long as the student is adequately prepared for the Written Comprehensive Exam.
- Specific courses can be waived if equivalent material has been taken elsewhere, and the required units can be made up by electives.
- Graduate courses are numbered 500 and above. The Graduate College permits *at most* six units of 400-level courses to be part of the degree program; such units must be in courses *outside of the major department*. Therefore, the PhD Minor program may consist of up to 6 400-level units in Computer Science.
- In designing a proposed minor program, consult with the Graduate Minor Advisor, who must approve the course of study.
- The proposed minor program can be amended after consulting with the Graduate Minor Advisor.

Transfer of Work

- Transferred courses must be approved by the minor department.
- Only grades of A or B can be transferred. Only graduate courses can be transferred. Extension courses cannot be transferred. Quarter system units will be proportionally converted to semester units.

Qualifying Examination

- To qualify as a minor in Computer Science, a student must apply and be approved as qualified by the Admissions Committee.
- Minor Qualifying Exam will be waived by Computer Science provided student has been admitted to the PhD Minor and has completed any listed deficiency courses.

Comprehensive Examination

- The Written Comprehensive Examination is divided into Minor and Major parts, usually taken at different times.
- File *Registration for the PhD Minor Written Comprehensive Exam in Computer Science* early in the term chosen for taking the Written Comprehensive. Consult the Graduate Program Coordinator, Gould-Simpson 725, for forms and deadlines.
- The Minor Comprehensive in Computer Science is given twice a year in March and October. Consult the Graduate Program Coordinator, Gould-Simpson 725, for dates, times and registration information. The examination consists of questions on both core topics and elective courses; the student is expected to successfully answer four questions. Samples of past examinations on core topics are available.
- The Doctoral Committee of 3 Major and 2 Minor members must be formed before taking the Oral Comprehensive.
- The Oral Comprehensive is held within two consecutive terms of the Written Comprehensives (excluding summer terms).

Doctoral Application to Candidacy

- Signed by major and minor advisors and major and minor department heads.
- Submitted in penultimate semester.
- After candidacy is approved, revisions or changes are made on the form *Changes in Student Records or Program of Study*.

Final Oral Examination

- Minor department committee members (2) participate unless participation is waived.
- Oral examination is in defense of the completed dissertation
- Scheduled with Graduate College at least 3 weeks in advance.

Deadline Checklist

- Refer to the Graduate College publication *Doctoral Candidates: A Handbook For Completing the Steps to Your Degree* for a complete checklist of requirements and due dates.