

Ph.D. comprehensive exams

Students must take three exams. Each exam must be in a different area.

Exam areas and subjects

Theory Area

- Analysis of algorithms
- Theory of computation

Applications Area

- Computer vision and image processing
- Artificial intelligence
- Computer graphics

Software Systems Area

- Software engineering
- Database management systems
- Operating systems
- Programming languages and compilers

Computer Architecture and Communications Area

- Parallel and distributed computing
- Computer architecture and embedded systems design
- Computer and communication networks

Exams will be held once a year, during the week before classes start for the fall semester. If needed, we can also schedule an exam the week before spring semester.

Students who entered the CSE Ph.d. program before spring 2005 can use the older model for comprehensives.