

# COMPUTATIONAL SCIENCE AND ENGINEERING GRADUATE MINOR

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Graduate School

Program Website (<https://cornell-cse.github.io/overview.html>)

## Field Description

The CIS program in Computational Science and Engineering (CSE) spans several dozen departments and research areas. The field is application-driven and involves a mix of applied mathematics, numerical analysis, and computer science.

Ph.D. students at Cornell can minor in CSE. Requirements are flexible and there are dozens of faculty members [CSE Field (<https://cornell-cse.github.io/>)] who can serve as the CSE advisor.

The Cornell Center for Advanced Computing (<http://www.cac.cornell.edu/>) (CAC) provides an essential resource for students.

CIS has received an IGERT award from the National Science Foundation making it possible to support a large contingent of Ph.D. students who work on complex nonlinear systems.

A priority concern of the CSE program is the development of a coordinated curriculum that serves computationally-oriented graduate students throughout science and engineering.

This is a minor field. Application for admission is made only to the major fields. After matriculation, a student may select minor subjects from the major or minor fields.

## Graduate Minor Requirements

For students in graduate research degrees, earning a “minor” in a specific subject or concentration is not explicitly linked to the completion of coursework but is instead defined by the student’s special committee. Faculty serving on the student’s special committee each represent a concentration. Because many graduate faculty are active in more than one graduate field or academic discipline, students and faculty should be clear about which concentration will be represented when a committee is formed.