

# Minor in Computer Science

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**Offered by:** The Department of Computer Science

**Administered by:** The Department of Computer Science; 110 Gates Hall

**Contact Person:** Nicole Roy or Ryan Marchenese, 110 Gates Hall, ugrad@cornell.edu

**Eligibility:** Students in the following colleges may participate in the **Minor**: Agriculture and Life Sciences, Architecture, Art, and Planning, Arts and Sciences, Engineering, Hotel Administration, Human Ecology, and Industrial and Labor Relations

(Note: CS majors and Engineering students majoring in Information Science, Systems and Technology (ISST) may not participate in the **CS Minor**.)

**Educational Objectives:** This minor is for students who anticipate that computer science will have a prominent role to play in their academic and professional career.

## **To Apply for a Computer Science Minor:**

- Complete the form on the second page of this document: *Application to Certify Completion of a Minor*
- Obtain an official transcript from the University Registrar's Office in B7 Day Hall.
- Attach a copy of your transcript on which you have highlighted or underlined each course used for the concentration.
- Submit the form and the transcript to the Computer Science Undergraduate office, 110 Gates Hall.

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## **REQUIREMENTS**

**To complete the minor, the student must take at least six (6) courses (18 credit minimum) chosen as follows:**

### 1. **Required Courses**

One of: CS/ENGRD 2110 or 2112 ENGRD 2140/ECE 2400	Object-Oriented Programming and Data Structures Computer Systems Programming
One of: CS 3110 CS 3410 CS 3420/ECE 3140	Data Structures and Functional Programming Computer System Organization & Programming Embedded Systems

### 2. **Additional Courses**

Four (4) CS courses numbered 3000 or higher, with the following exceptions:

- CS 4090, CS 4998, CS 4999 and seminars are excluded
- CS 2800 is allowed

Note: Cross-listed courses cannot be applied to the minor unless taken under the CS rubric (e.g. CS 4300 counts, but INFO 4300 does not), with the sole exceptions of ENGRD 2140/ECE 2400, ECE 3140 and CS courses also listed as ENGRD. All qualifying courses must be taken at Cornell for a letter grade. No substitutions allowed.

**Academic Standards:** A letter grade of C or better for each course in the minor.

## Application to Certify Completion of a Minor

(To be submitted after all applicable coursework has been completed or in final undergraduate semester, whichever comes first.)

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### I. Applicant's Information--Please supply the following:

Name: \_\_\_\_\_ Cornell ID# \_\_\_\_\_

Email Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Major: \_\_\_\_\_ College: \_\_\_\_\_ Graduation Date (month/year): \_\_\_ / \_\_\_

Minor applying for: \_\_\_\_\_

Year of Cornell Courses of Study/Engineering Handbook used for verifying minor: \_\_\_\_\_

### II. Courses Applying to Minor--Please list each course you have taken which will apply to the program -

**as described on the reverse of this form. Include the semester/year in which you completed each course, as well as the grade and number of credits you received.**

Dept./Course Number	Semester/Year Completed	Credits	Grade
1 _____	_____	_____	_____
2 _____	_____	_____	_____
3 _____	_____	_____	_____
4 _____	_____	_____	_____
5 _____	_____	_____	_____
6 _____	_____	_____	_____

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### III. Transcript—Please attach a copy of your official transcript on which you have highlighted or underlined each of the courses listed above.

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**IV: Please sign below and submit this completed form to the Administrative Contact for the department offering the minor:** By signing, you certify that the information supplied on this form and transcript is accurate and that you have completed the necessary coursework and complied with the terms of the minor program.

Student's signature: \_\_\_\_\_ Date: \_\_\_\_\_

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### For use by the Administrative Contact Only:

Administrative Contact certifying: \_\_\_\_\_ Date: \_\_\_\_\_

Original-- Registrar of student's college

Copies: Student, Undergraduate Coordinator of student's major program, Undergraduate Coordinator of student's concentration program.