K-12 Computer Science Endorsement

distance.uni.edu/computer-science

Program features

- The first computer science educator preparation program in the state that was built on over a decade of work with in-service and pre-service teachers
- Courses align with the ISTE Standards for computer science educators and the CSTA Standards for K-12 students
- Students complete all five courses to earn a computer science endorsement on their Iowa teaching license
- Coursework is completed entirely online, and may include optional face-to-face sessions at local AEAs
- Completion of this endorsement also satisfies all requirements for the Iowa Career & Technical Education Information Technology Endorsement

**Earn you endorsement entirely online**

There is a growing demand for computer science courses — including advanced placement courses — across the country, and a growing demand for teachers with the knowledge to teach them. UNI’s Department of Computer Science offers coursework to assist teachers in gaining this knowledge.

This coursework is the right mix of content, interaction, and sustained inquiry to help educators succeed as Computer Science teachers.

**HAVE QUESTIONS?**

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**ENROLL IN THE SUMMER 2021 COURSE**

We encourage you to enroll as soon as possible at distance.uni.edu/enroll.

**NOT READY TO ENROLL?**

Visit distance.uni.edu/computer-science to learn more and express your interest. The first class begins June 7, 2021.
Flexible delivery

Coursework is offered primarily asynchronously using Blackboard, a dynamic platform that will enhance your learning experience and sense of community with fellow classmates. Some interactive video conferencing (Zoom) is also used.

Coursework also may include optional face-to-face sessions at local AEAs, allowing students to interact with their professors and peers.

Affordability

UNI strives to make education an affordable investment. All students pay the same tuition, regardless of location. Financial aid is available for students who qualify, based on number of units per semester and financial need.

Tuition & fees for 2020-21*
$320 per unit of undergraduate credit
$509 per unit of graduate credit
$38 technology fee per course
$350 approximate cost of textbooks and fees over the course of the program

*Tuition and fees may be adjusted by the Iowa Board of Regents.

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Course sequence (tentative)
15 total units of credit | units in parentheses following course titles

Upon completion, Iowa teachers will be qualified for the Computer Science Endorsement in the state of Iowa.

Summer 2021 (June/July)
CS 4133/5133  Foundational Concepts of Computer Science (3)

Fall 2021
CS 4133/5133  Fundamentals of Programming (3)

Spring 2022
CS 3310/5310  Teaching and Learning Programming (3)

Summer 2022 (June/July)
CS ED 4330/5330  Methods for Teaching Computer Science (3)

Fall 2022
CS 3320/5320  Data Structures and Algorithms (3)

Delivery of this program is subject to minimum enrollment requirements.