

# K-12 Computer Science Endorsement

[distance.uni.edu/computer-science](https://distance.uni.edu/computer-science)

**UNI**

University of Northern Iowa  
Online & Distance Education



Classes begin  
**June 2021**

## 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.

## 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 AEA's
- Completion of this endorsement also satisfies all requirements for the Iowa Career & Technical Education Information Technology Endorsement

## 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](https://distance.uni.edu/enroll).

## » NOT READY TO ENROLL?

Visit [distance.uni.edu/computer-science](https://distance.uni.edu/computer-science) to learn more and express your interest. The first class begins **June 7, 2021**.

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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)

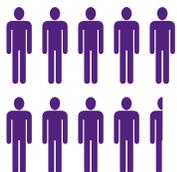
### Summer 2022 (June/July)

**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.*



**96% of students** would recommend a UNI Online & Distance Education program



Ranked No. 1 “**Best Iowa Online College**” for 2020 by College Choice

## 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.*

**UNI** / University of Northern Iowa.  
Online & Distance Education

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