



Information Technology Emphasizing Computer Science Education (K-12) *Added Teaching Endorsement*

Teaching Computer Science is an important addition to school curricula. It is an exciting field to teach that allows teacher and student collaboration creativity and innovative problem solving. Computer science opens more doors for 21st century learners than any other discipline. Laying the foundations for CSE will help students in any future career. According to Code.org 71% of all current US jobs require digital skills. High-skilled computing occupations are the fastest-growing, best-paying, and now the largest sector of all new wages in the US.

In Nebraska, we need high quality Computer Science teachers available to students in EVERY school. Just as they learn how to write an essay or how electricity works, it's important for every 21st century student to have a chance to learn how the internet works or design an app.

We don't need to hire new teachers. We just need you to add this endorsement independently or as part of a University of Nebraska–Lincoln Graduate Program. The endorsement includes courses in Computer Science and in the department of Teaching Learning, and Teacher Education.

The University of Nebraska–Lincoln is a regional partner with Code.org and you can take advantage of this partnership by making code.org training part of your pathway to the endorsement.

You do not need a computer science background to get started. The College of Education and Human Sciences at the University of Nebraska–Lincoln is ready to help you learn computer science, information technology basics and how to teach them.

To start: Register as a non-degree seeking or a master's student at UNL at:

<https://www.unl.edu/gradstudies/prospective/steps>

Must complete all of the following:

Course No.	Course Title	Hours
TEAC 890	Workshop in Computer Science Methods in Education	3
TEAC 882	Instructional Applications of Technology	3
CSCE 805	Computer Science for Teachers I	3
TEAC 882B or CSCE 806	Instructional Applications of Technology: Database and Web Applications Computer Science for Teachers II	3
Choose one of the following		
TEAC 859	Designing Learning Experiences	3
TEAC 860	Production of Instructional Materials	3



Apply at go.unl.edu/gradapp.

Contacts

Faculty Contact

Dr. Guy Trainin, Ph.D.
176 Carolyn Pope Edwards Hall
gtrainin2@unl.edu

Program Contact

Joelle Tangen, Graduate Project Associate
230E Carolyn Pope Edwards Hall
jtangen2@unl.edu