

Job-Embedded Master's Degrees for Educators

Oklahoma Christian University now offers two Master's Degree programs supported by BloomBoard micro-credentials. These programs are designed to strengthen teachers' skills and help accelerate their careers through a learn-by-doing approach centered in their own classroom practices. By supporting these affordable programs, school districts put in place the kinds of tangible and rewarding benefits that attract and retain the best teaching talent.

These unique online degree programs are:



Self-Paced

The program respects educators time by letting them complete the work on the schedule they pick.



Classroom-Centered

Program coursework is integrated into teachers' classroom practice so they can complete much of the work on the job.



Personalized

Teachers choose their program concentration. Teachers also choose the professional support they need to succeed, including faculty support, professional learning communities, and facilitated discussion groups.



Affordable

The program is a low-cost alternative to traditional graduate courses.

Currently we offer the following online degrees:



Master's Degree in Curriculum & Instruction



Master's Degree in Technology and Computer Science Education



Master's Degree in Technology and Computer Science Education

- Number of Courses = 10
- Total Credit Hours = 30
- Start date = January 2022

This Technology and Computer Science (CS) program provides teachers with the essential skills, knowledge, and classroom experience to ensure that all students receive a high-quality CS education. All coursework aligns with the Computer Science Teachers Association's standards.

Designed for educators working in a classroom, the program consists of courses centered around the fundamentals of CS and computational thinking. Educators then complete a program concentration in K-8 CS. The program culminates in a Capstone project in which educators put their learning into practice by defining a problem of practice and conducting action research.

As part of the Teaching Computer Science Master's Degree program, educators will:

- Examine the design of computing systems, including, hardware, software, and internet communications elements.
- Understand how to work with data.
- Recognize and apply computational thinking to solve problems.
- Use computational thinking and programming across subject areas.
- Prepare to develop digital smart citizens with an awareness of privacy and security issues.

COURSE TITLE	UNITS	UNIT TITLES
Foundations of Computer Science Instruction	3	Analyzing the Computer Science Standards Assessing CS Curriculum for Quality Leveraging Effective Instructional Practices
Computing and Society	3	Developing Digital Citizens Developing an Inclusive Computing Culture Analyzing the Impacts of Computing
Computational Thinking	3	Recognizing and Defining Computational Collecting, Visualizing, and Modeling with Data Creating Computational Artifacts
Computing Systems and Basic Programming	3	Teaching Computing Systems: Hardware and Software Teaching Computing Systems: Networks and the Internet Beginner Programming Using CS Tools and Technologies
Integrating Computer Science Practices	3	Fostering Computational Thinking in Content Areas Communicating about Computing Developing and Using Abstractions
Cybersecurity	3	Promoting Media Literacy Fostering Cybersecurity Habits Evaluating Ethical Practices in the Cyber World
K-8 CS Concentration	9	Analyzing Student Work Samples Monitoring & Responding to Student Learning during a Lesson Fostering Growth Mindsets During Instruction Promoting Student Agency During Instruction Implementing Collaborative Learning Structures Implementing Inquiry-Based Learning Developing a Climate of Respect and Rapport among Students Assessing the Classroom Culture Supporting Students as Individuals
Capstone Project	3	Defining a Problem of Practice Developing a Capstone Plan Implementing, Analyzing, and Sharing Findings
TOTAL	30 credits	