Cloud Software Development, Graduate Certificate

The Graduate Certificate in Cloud Software Development is designed to give students a strong foundation for working with cloud computing platforms like Amazon Web Services, Google Cloud, and Microsoft Azure. Through coursework and project-based learning, students gain the exposure needed to work across these platforms and also in hybrid platform environments. Cloud skills are in higher demand than ever before. However, there is a significant lack of qualified, skilled professionals to support this growth, especially for deployment in non-tech-related industries —such as manufacturing, transportation, travel, entertainment, and education—that rely increasingly on cloud platforms as part of their day-to-day operations. This certificate is aimed at addressing this skills gap utilizing the Khoury Align program's innovative curriculum and student support model, as well as course-based experiential learning opportunities to train students for in-demand and high-paying jobs.

Prerequisite

To ensure that all students have the foundation necessary to be successful in this program, each incoming student must demonstrate that they have taken undergraduate or graduate coursework in computer science or that they have comparable professional experience. This admission requirement can also be fulfilled by successful completion of Intensive Foundations of Computer Science (CS 5001).

Program Requirements

- Concentrations and course offerings may vary by campus and/or by program modality. Please consult with your advisor or admissions coach for the course availability each term at your campus or within your program modality.
- Certain options within the program may be *required* at certain campuses or for certain program modalities. Please consult with your advisor or admissions coach for requirements at your campus or for your program modality.

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

Code	Title	Hours
CS 5004	Object-Oriented Design	4
CS 5610	Web Development	4
CS 6510	Advanced Software Development	4
CS 6620	Fundamentals of Cloud Computing	4

Program Credit/GPA Requirements

16 total semester hours required
Minimum 3.000 GPA required