



# Certificate in Cloud Application Development

**Degree Awarded: Certificate**

**Requirements for the Major: 21 credit hours**

*Program Description*

**Required courses for the major (continued on next page):**

**Essential Competencies-Outcome Skills**

**\*\*Transfer courses do not receive outcome skills\*\***

Course	Title	Credits	IL	W	O	Q	IC	V
INTC-221	Google Cloud Computing Foundations	3						
INTC-120 OR BSAD/CPSC-241	Programming for Everyone I OR Computer Science I	3 OR 3						
INTC-130 OR CPSC-242	Programming for Everyone II OR Computer Science II	3 OR 3	X					
INTC-340 OR CPSC-330	Data Structures OR Data Structures and Algorithms	3 OR 3						
INTC-320	Application Development I - Exploring Web Applications	3						
INTC-330	Application Development II - Building Web Applications	3						
INTC-421	Cloud Applications Practicum	3						

These courses will be counted in computing the 2.20 GPA for the major.

This information must be used in conjunction with the 2024-2025 Grand View University Catalog and does not reflect a student's official record of progress. Students are expected to use the Progress tool found on myGVU >Tools > My Academics > 'Plan and register for courses' to monitor and plan coursework. Other available resources include: Course Planning Documents (found on myGVU under Academics and Advising Resources) and the faculty and staff who work with academic requirements.