

# Graduate Certificate: Cloud Computing Application and Management

## Quarter to Semester Program Comparison

Degree Requirements	Current Quarter Hours	Semester Hours - Fall 2026
Required Courses	15	12
Electives	3 - 4	0
Total Cert Hours	18 - 19	12

### Quarter Format

Campus:  
Boston / Virtual

### Semester Format

#### Core Courses: 15 Quarter Hours (QH)

Complete all the required courses:

- ITC 6420 Introduction to Cloud Computing Applications and Management (3)
- ITC 6450 Advanced Cloud Computing Applications and Management (3)
- ITC 6015 Enterprise Information Architecture (3)
- ITC 6460 Cloud Analytics (3)
- ITC 6520 Network Protection and Cloud Security (3)



#### Required Courses: 12 Semester Hours (SH)

Complete all the required courses:

- ITC 6630 Cloud Security Planning and Design (3)
- ITC 6650 Cloud Computing Fundamentals, Applications, and Management (3)
- ITC 6660 Enterprise Information Architecture (3)
- ITC 6670 Cloud Data Architecture, Engineering, and Analytics (3)

#### Elective Courses: 3-4 Quarter Hours (QH):

Complete 3-4 quarter hours from the following:

- ITC 6355 Web Application Design and Development (3)
- ITC 6470 Enterprise Data Storage and Management (3) Technologies
- ITC 6480 Amazon Web Service (AWS) Cloud (4)



#### Elective Courses: 0 Semester Hours (SH)

No elective options