

Specialization

DevOps and Data Virtualization

This specialization prepares you to manage and troubleshoot business systems across networks and cloud environments, supporting reliable and efficient operations. The DevOps and Data Virtualization specialization consists of three required courses.

Total Units: 8.5

Learning Outcomes:

- Discuss CPU, storage and network virtualization
- Design, code, and deploy a cloud-based tool or application
- Describe service-oriented architecture and the cloud software development location



*Courses may have prerequisites; review the course page before enrolling. A checkmark indicates the course is typically offered during that term.**

Required Courses

8.5 Units | 3 Courses

COURSE NAME & NUMBER	UNITS	FALL	WINTER	SPRING	SUMMER
DevOps Technologies SEQA.X408	3.0	✓		✓	
Advanced DevOps Technologies SEQA.X409	3.0		✓		✓
System Virtualization Fundamentals LINX.X417	2.5				

Completion Review

Once all specialization requirements have been met and your final grades are posted, please access your Student Portal to enroll in the “[Specialization in DevOps and Virtualization Completion Fee](#)” to begin the review process. Please allow 4-6 weeks to receive your certificate.

Note: It is strongly suggested that you have basic programming experience with a high-level language such as Java, Python, or C#, or with a scripting environment like Bash.