

Cloud Computing with DevOps

Cloud computing offers users access to high-powered software, platforms and infrastructure over the Internet. Software development and digital infrastructure operations — DevOps for short — benefit from cloud services that allow them to develop, test and deliver applications to users more efficiently, widely and affordably.

You'll learn how cloud services work and how to leverage them in business and development. You'll practice coordinating software development and infrastructure operations, gain skills designing and maintaining virtual and physical network infrastructures, and create new use cases for cloud services.

units required for minor: 16	units required for specialization: 8	minor code: *	department: ITP
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Skills

- » Digital infrastructure design
- » Shell scripting
- » Virtualization
- » Continuous integration (CI) and continuous development (CD)
- » SaaS, PaaS, IaaS

Careers

- » DevOps Engineer
- » Cloud Engineer
- » Systems Administrator
- » Network Architect

Policies

- » All minors at USC need 16 units that only meet minor requirements and do not meet any other major, minor, or GE requirement.
- » All courses completed for your minor or specialization must be completed for a letter grade.
- » You must earn a 2.0 minimum cumulative GPA in the courses completed for your minor or specialization.

Minor requirements

Core requirements (16 units):

- ITP-111 "What is the Cloud?: An Introduction to DevOps" (2 units)
- ITP-115 "Programming in Python" (2 units)
- ITP-222 "Linux and Containers" (4 units)
[prerequisite: ITP-111]
- ITP-333 "Digital Infrastructure" (4 units)
[prerequisite: ITP-222]
- ITP-444 "Digital Architecture" (4 units)
[prerequisite: ITP-333]

Specialization requirements

Core requirements (8 units):

- ITP-111 "What is the Cloud?: An Introduction to DevOps" (2 units)
- ITP-115 "Programming in Python" (2 units)
- ITP-222 "Linux and Containers" (4 units)
[prerequisite: ITP-111]



 itpadvising@usc.edu

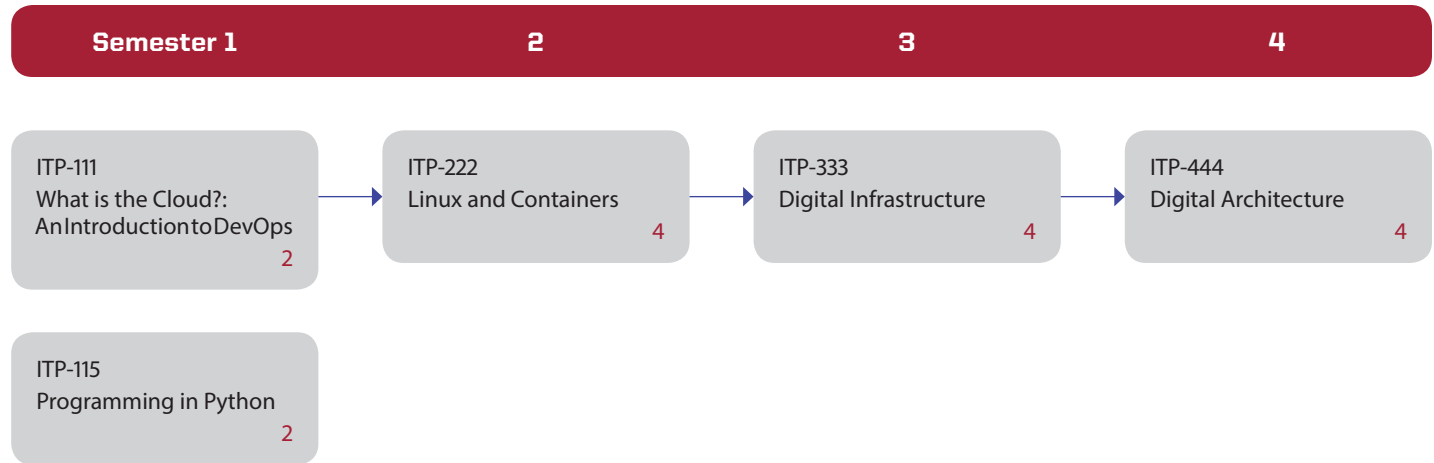
 itp.usc.edu


 [Schedule appointment](#)

CLOUD COMPUTING WITH DEVOPS SEQUENCING & COURSE PLAN

LEGEND

-  Prerequisite
-  Prerequisite depends on course selection
- 1-4 Units or special notes



 Make sure you consult with your major advisor about how best to incorporate the requirements for your minor with your major and general education requirements. You must complete a pre-advisement course plan before scheduling an appointment with a minor advisor.

PRE-ADVISEMENT COURSE PLAN

SEMESTER	YEAR	COURSE	UNITS