

Mobile App Development

Design and program innovative and standards-compliant applications for Android and iOS smartphones and tablets. Learn how to design mobile interfaces, use libraries to build apps that have the proper look and feel, and handle user input.

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|---|--|---------------------------------------|--------------------------------------|
| units required for minor: 18 | units required for specialization: 10 | minor code: MOAP | department: ITP |
|---|--|---------------------------------------|--------------------------------------|

Skills

- » Android development
- » iOS development
- » UI design
- » Mobile app ideation

Careers

- » Mobile Developer
- » UX Designer
- » Interaction Designer

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.

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|  itpadvising@usc.edu |  itp.usc.edu |  Schedule appointment |
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Minor requirements

Core requirements (6 units):

ITP-115 "Programming in Python" (2 units)

ITP-265 "Object-Oriented Programming" (4 units)
[prerequisite: ITP-115 or ITP-165]

Complete one of the following (4 units):

ITP-341 "Android App Development" (4 units)
[prerequisite: ITP-265 or CSCI-103]

ITP-342 "iOS App Development" (4 units)
[prerequisite: ITP-265 or CSCI-103]

Electives (8 units):

ITP-303 "Full-Stack Web Development" (4 units)
[prerequisite: ITP-265 or CSCI-103]

ITP-310 "Design for User Experience" (4 units)

ITP-341 "Android App Development" (4 units)

ITP-342 "iOS App Development" (4 units)

ITP-344 "Advanced iOS App Development" (4 units)
[prerequisite: ITP-342]

ITP-345 "Advanced Android App Development" (4 units)
[prerequisite: ITP-341]

ITP-382 "Mobile Game Development" (4 units)
[prerequisite: ITP-265 or CSCI-103]

ITP-442 "Mobile App Project" (4 units)
[prerequisite: ITP-341 or ITP-342]

Specialization requirements

Core requirements (6 units):

ITP-115 "Programming in Python" (2 units)

ITP-265 "Object-Oriented Programming" (4 units)



Complete one of the following (4 units):

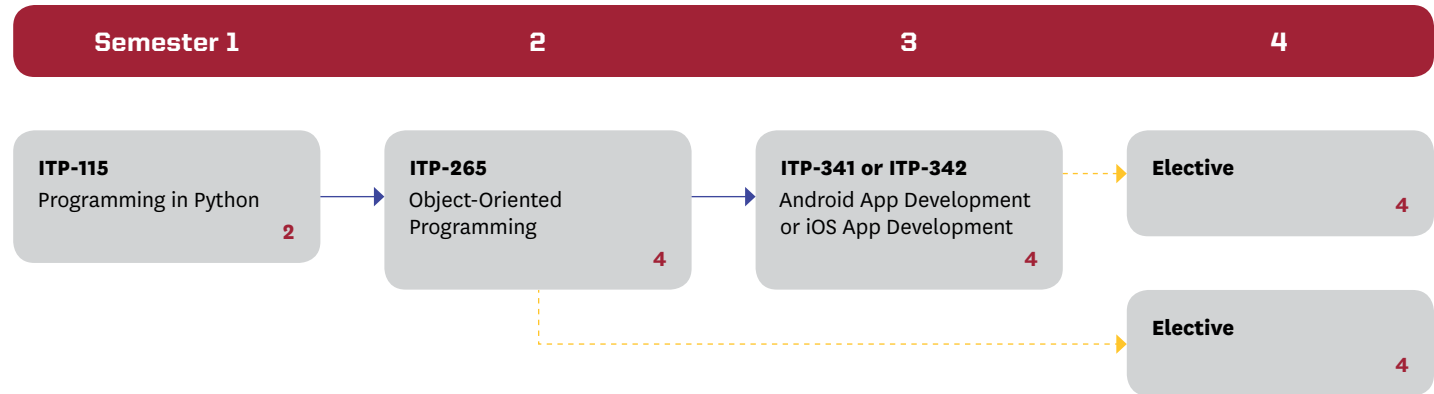
ITP-341 "Android App Development" (4 units)


ITP-342 "iOS App Development" (4 units)

MOBILE APP DEVELOPMENT 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 |
|----------|------|--------|-------|
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