

Student-Facilitated Course

ECS 198F 003

iOS Dev with SwiftUI

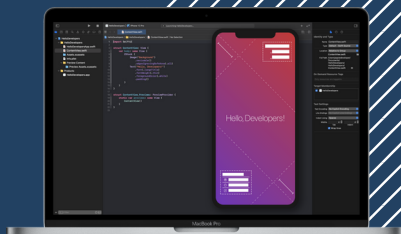
Spring 2022 - 2 Units, CRN: 62458

Expected Time: 4:10-5 PM TR

Instructor: [Yibo Yan](#)

Grade: P/NP

Website: ios-dev-ucd.netlify.app



Prerequisites

ECS 36B or ECS 32B is required. ECS 150 and ECS 140A are recommended. The course is open for petitions or instructor consent.

Course Overview

An introduction to iOS development with SwiftUI. This course will mainly focus on SwiftUI, advanced Swift, and the latest APIs in the Swift standard library. This course will be project-based with 4 short projects and 1 group final project.

Core Topics

SwiftUI

- Declarative UI
- Basic Built-in Controls
- Advanced Layout
- Navigation
- Advanced Animation
- View Modifier
- More...

Swift

- Functional Programming
- Protocol-Oriented Programming
- Async / Await in Swift
- Error Handling
- API Call
- More...

Note: General Upper Div. Credits Only.

Originally Planned for Winter Quarter. Pushed Back to Spring Quarter.