

# Web Technologies and Applications

Design and develop interactive websites and web applications using the latest tools and technologies. You will learn theoretical concepts and practical applications of web technologies not only useful not only in the web industry, but also within a different major field of study. The broad areas of study include web publishing, programming, databases, security, and multimedia. Electives will be chosen based on the students' academic and professional goals.

<b>units required for minor:</b>	<b>units required for specialization:</b>	<b>minor code:</b>	<b>department:</b>
<b>18</b>	<b>10</b>	<b>WEBT</b>	<b>ITP</b>

## Minor requirements

### Core requirements (14 units):

- ITP-104L** "Web Publishing" (2 units)
- ITP-301** "Front-End Web Development" (4 units)  
[prerequisite: ITP-104]
- ITP-304** "Back-End Web Development" (4 units)  
[prerequisite: ITP-301]
- ITP-460** "Web Application Project" (4 units)  
[prerequisite: ITP-303 or ITP-304 or ACAD-276]

### Elective (4 units):

- ITP-302** "Advanced Web Publishing" (4 units)  
[prerequisite: ITP-104]
- ITP-310** "Design for User Experience" (4 units)
- ITP-404** "Advanced Front-End Web Development" (4 units)  
[prerequisite: ITP-301 or ITP-303 or ACAD-275]
- ITP-405** "Advanced Back-End Web Development" (4 units)  
[prerequisite: ITP-303 or ITP-304 or ACAD-276]
- ITP-425** "Web Application Security" (4 units)  
[prerequisite: ITP-301 or ITP-325 or ACAD-275]

## Skills

- » HTML
- » CSS
- » JavaScript
- » PHP and MySQL
- » UI design

## Careers

- » Web Developer (Front-End and/or Back-End)
- » Web Content Manager
- » Web Designer
- » Interaction Designer
- » UX 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.

## Specialization requirements

### Core requirements (10 units):

- ITP-104L** "Web Publishing" (2 units)
- ITP-301** "Front-End Web Development" (4 units)  
[prerequisite: ITP-104]
- ITP-304** "Back-End Web Development" (4 units)  
[prerequisite: ITP-301]



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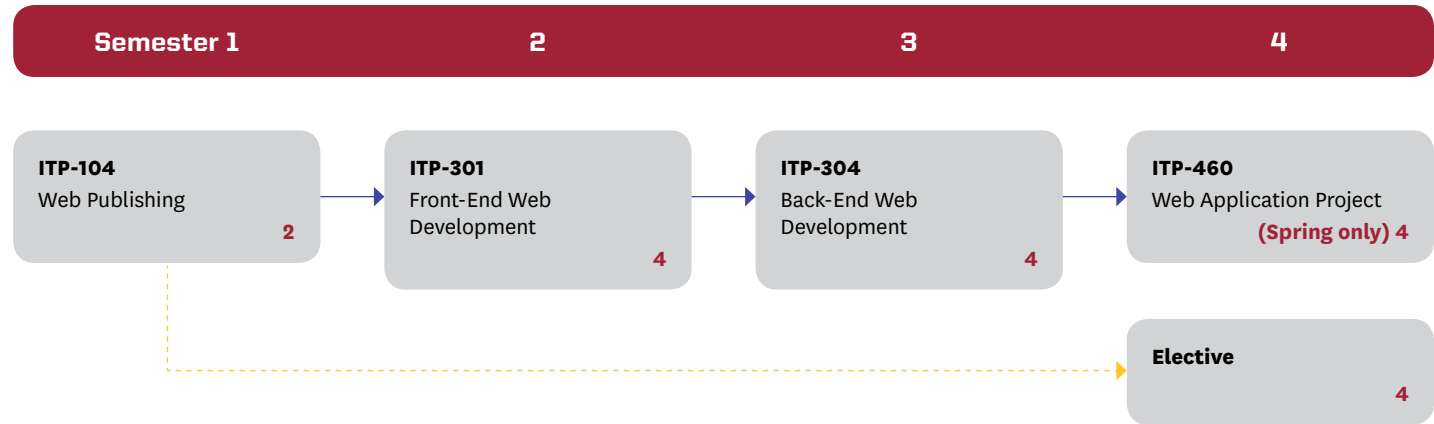
 [itp.usc.edu](http://itp.usc.edu)


 [Schedule appointment](#)

# WEB TECHNOLOGIES AND APPLICATIONS 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	SEMESTER	YEAR	SEMESTER	YEAR	SEMESTER	YEAR
	COURSE	UNITS	COURSE	UNITS	COURSE	UNITS	COURSE	UNITS