Full Stack Web Development using Python

The syllabus for Full Stack Web Development using Python can vary depending on the institution and the specific course or program being offered. However, here is a general overview of the topics that are typically covered in Full Stack Web Development using Python:

1. HTML/CSS: This involves creating and styling the basic structure of web pages.

2. JavaScript: This is used for client-side programming, allowing you to create interactive web pages and user interfaces.

3. Python: This is used for server-side programming and to interact with databases, and covers topics like data structures, control structures, functions, and object-oriented programming.

4. Django: This is a popular Python web framework that includes features like URL routing, view handling, database integration, and user authentication.

5. Databases: This includes working with relational databases like MySQL, PostgreSQL, and Oracle, as well as non-relational databases like MongoDB.

6. APIs: This involves working with third-party APIs like Google Maps, Twitter, and Facebook.

7. Deployment: This covers the process of deploying web applications to production environments using services like Heroku or AWS.

8. Testing: This includes creating automated tests for web applications to ensure they function as intended.

Keep in mind that this is just a general overview, and the actual syllabus for Full Stack Web Development using Python can vary depending on the specific course or program.