

JavaScript Syllabus (Beginner to Advanced)

Module 1: JavaScript Basics

- Introduction to JavaScript
- Script tag & external JS
- Variables: var, let, const
- Data types

Module 2: Operators & Control Flow

- Operators
- if, else, switch
- for, while, do-while

Module 3: Functions

- Functions & return
- Arrow functions
- Scope & hoisting

Module 4: Arrays

- Array methods
- map, filter, reduce

Module 5: Objects

- Objects & methods
- this keyword
- JSON

Module 6: DOM

- DOM selectors
- Events
- Form handling

Module 7: ES6+

- Destructuring
- Spread operator
- Classes & modules

Module 8: Async JavaScript

- setTimeout
- Promises
- async / await
- Fetch API

Module 9: Advanced Concepts

- Closures
- Event bubbling
- Error handling