

UI/UX course Syllabus for beginners

Month 1: UX Foundations (Theory + Research + Strategy)

Week 1: The Origin of Design (4 hours)

- Bauhaus Movement and its impact on modern design
- Soviet Constructivism and its role in functional design
- Modern Swiss Design and the Grid System
- Evolution of UX from Industrial Design to Digital Interfaces

Week 2: Introduction to UX & User-Centered Design (4 hours)

- What is UX? Difference between UX & UI
- Understanding Human-Computer Interaction (HCI)
- Design Thinking Process
- UX Case Studies from Successful Products

Week 3: User Research & Psychology (4 hours)

- Business Requirements & Goal Setting
- User Research Methods (Interviews, Surveys, Focus Groups)
- Cognitive Biases & How Users Make Decisions
- Competitor Analysis & Benchmarking

Week 4: Information Architecture & Interaction Design (4 hours)

- User Journey Mapping & Empathy Mapping
- Creating Sitemaps & Card Sorting Techniques
- Navigation Patterns & Content Strategy
- Heuristics & Usability Principles

Month 2: UI Foundations (Visual Design + Interaction + Tools)

Week 5: UI Design Fundamentals (4 hours)

- Introduction to UI Design Principles
- Understanding Visual Hierarchy & Layouts
- Typography & Color Theory
- Gestalt Principles in UI Design

Week 6: Design Systems & UI Components (4 hours)

- What is a Design System? How to Build One
- Buttons, Forms, Modals, Cards UI Components
- Grids & Responsive UI Design
- Introduction to Material Design & Human Interface Guidelines

Week 7: UI Tools & Prototyping (4 hours)

- Figma Basics (Frames, Components, Auto Layout)
- Adobe XD vs. Figma vs. Sketch
- Wireframing & Low-Fidelity Prototyping
- Creating Clickable Prototypes for Testing

Week 8: UX Psychology & Accessibility (4 hours)

- UX Laws (Fitts's Law, Hick's Law, Jakob's Law)
- Dark Patterns in UX & Ethical Design
- Designing for Accessibility (WCAG Guidelines)
- A/B Testing & Usability Testing Basics

Assignment: Redesign a poorly designed UI screen with proper heuristics and usability principles

Month 3: Real-World Projects + Portfolio Building

Week 9: Project 1 - Mobile App Design (4 hours)

- Choose a problem statement & Conduct UX Research
- Wireframe & Prototype a Mobile App
- Apply UI Components & Design Principles
- Conduct Usability Testing & Iterate

Week 10: Project 2 - Responsive Website Design (4 hours)

- Design a Website with Mobile, Tablet & Desktop Breakpoints
- Use Grid Layouts, Navigation, and Content Strategy
- Create a Design System & Style Guide

Week 11: Developer Handoff & Industry Readiness (4 hours)

- Preparing Design Files for Handoff (Figma Inspect Mode)
- Industry-standard Documentation Skills
- Collaboration Between Designers & Developers

Week 12: Portfolio & Interview Preparation (4 hours)

- Structuring Your UX Case Study
- Creating a Personal Portfolio Website
- Mock Interviews & Whiteboarding Challenges
- Job Search Strategies & Freelance Opportunities

Final Submission: Complete a full UX/UI project and present it as a case study

Outcome & Certification

- A complete portfolio with two major projects
- Strong understanding of UX & UI principles
- Hands-on experience with Figma & industry tools
- Certificate of Completion after passing the final portfolio review

Contact Us

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