COURSE SYLLABUS

AI UX & UI Design Bootcamp (Self-Paced)

Use AI tools to synthesize research, draft personas and journey maps, create user flows, critique interface designs, summarize usability findings, and document UX decisions.

Group classes (Live Online) and onsite training are available for this course. For more information, email onsite@graduateschool.edu or visit: https://www.graduateschool.edu/certificates/ai-ux-ui-bootcamp-online



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Course Outline

This package includes these courses

- Figma Bootcamp (Self-Paced) (12 Hours)
- Figma Advanced (Self-Paced) (6 Hours)
- UX Design Foundations (Self-Paced) (12 Hours)
- UX & UI Design Bootcamp (Self-Paced) (114 Hours)
- AI for UX & UI Design (Self-Paced) (18 Hours)
- AI Coding Bootcamp with Claude Code (Self-Paced) (60 Hours)
- AI UX Design Portfolio Development (Self-Paced) (60 Hours)

Figma Bootcamp (Self-Paced)

Learn how to design and prototype user interfaces with Figma, the industry-leading tool for UI/UX design. This course covers essential skills, including working with components, auto layout, interactive prototypes, and team collaboration.

- Design UI/UX layouts optimized for mobile, tablet, and desktop using grids and frames.
- Work with components and variants to create reusable design elements efficiently.
- Build interactive prototypes with clickable links, overlays, and smart animations.
- Use auto layout to streamline spacing, alignment, and responsive design workflows.
- Share and collaborate on designs in real time using Figma's cloud-based features.
- Export assets for web, apps, and developers in multiple formats, including SVG and PNG.

Figma Advanced (Self-Paced)

- Work with Figma's advanced prototyping tools to create more realistic user experiences.
- Learn how to use variables and variable modes to build more flexible designs.
- Apply conditionals to add deeper interactivity to prototypes.
- Create light and dark modes using organized variable collections.
- Use primitive and semantic layers to build clearer, more scalable design systems.

UX Design Foundations (Self-Paced)

- Understand the purpose of user experience design and how it shapes digital products
- Learn how UX Designers contribute to product teams and collaborate with other roles
- Explore the main stages of the UX design process from research through iteration
- Practice common UX research methods, including interviews, observation, heuristic review, and related techniques
- Use core UX terms and deliverables such as personas, journey maps, scenarios, and design documentation
- Apply sketching and iterative design methods to develop and refine ideas
- Learn how to organize, document, and present UX work clearly

UX & UI Design Bootcamp (Self-Paced)

- Conduct user research through interviews, surveys, competitive analysis, and usability testing to better understand user needs
- Create personas, journey maps, user flows, and information architecture to organize insights and guide design decisions
- Design wireframes, responsive layouts, and polished UI screens for web and mobile interfaces
- Apply usability principles, accessibility standards, and common UI patterns to create clear, user-friendly experiences
- Build interactive prototypes and refine designs based on feedback, usability findings, and project goals
- Document your research, design process, and final solutions in a portfolio-ready UX case study

AI for UX & UI Design (Self-Paced)

- Construct a reusable AI workspace that supports a UX project from research through prototyping and testing
- Apply AI to research analysis and to forming evidence-based product opportunities, journeys, and priorities
- Determine appropriate levels of AI agency, from independent action to leaving control with the user
- Produce inclusive AI-powered user flows that address accessibility, uncertainty, and error recovery
- Convert structured Figma designs into working prototypes using AI-assisted development tools
- Review AI-generated work for design quality, accessibility, consistency, trust, and user control

AI Coding Bootcamp with Claude Code (Self-Paced)

- Use Claude Code to support planning, coding, debugging, and multi-step software tasks
- Practice prompt engineering techniques that improve direction, clarity, and recovery during development
- Build familiarity with Git, GitHub, and collaborative coding workflows
- Understand core web development concepts and modern application structure
- Create a full-stack project using Next.js, Supabase, authentication, APIs, and responsive design
- Strengthen application quality through testing, security practices, and deployment workflows

AI UX Design Portfolio Development (Self-Paced)

- Plan and scope portfolio-ready UX/UI applications based on your goals and project interests
- Choose three projects from a selection of UX/UI-focused app options
- Build live apps such as portfolio websites, case study builders, research repositories, and UX dashboards
- Create UX tools for journey mapping, service blueprinting, usability testing, accessibility audits, and design handoff
- Use AI app development tools to build responsive interfaces, database-backed features, and working product flows
- Deploy and document three finished projects that demonstrate UX strategy, UI design, AI workflows, and technical execution