SDV3012 : Applied Human-Computer Interaction

The Applied Human-Computer Interaction course explores human-computer interaction (HCI) from an interdisciplinary perspective, utilizing concepts from computer science, design, and psychology. Topics covered will include input/output devices, mobile-device constraints, universal design, interaction styles, cognitive load, and information processing. Students will discover emergent technologies in HCI research, learn how to conduct HCI research and analyze human-computer informatics, and be able to apply derived recommendations to software development through appropriate user-interface design. By the end of the course, students will learn how to build accessible and efficient interfaces through the application of HCI principles.

Credits 3