CIS 100: IT & Society

CIS 112: Database Concepts

CIS 220: Object-Oriented Programming

CIS 271: Digital Media

CIS 301: Human Computer Interaction
CIS 310: Systems Analysis

CIS 207: Networking
CIS 208: Eye Tracking Methods
CIS 245: Information Visualization
CIS 241: Data Mining

CIS 275: Web Design
CIS 297: Javascript (this topic only)
CIS 320: Data Structures
CIS 351: Advanced Databases
CIS 361: Digital Imaging
CIS 365: Digital Film
CIS 375: Advanced Web Development
CIS 380: Mobile Applications

CIS Elective
Any CIS course at any level may be used here.
Consider CIS 105: Game Design and Development

User Needs
CIS 301: Human Computer Interaction
CIS 310: Systems Analysis

Coding and Production
CIS 275: Web Design
CIS 297: Javascript (this topic only)
CIS 320: Data Structures
CIS 351: Advanced Databases
CIS 361: Digital Imaging
CIS 365: Digital Film
CIS 375: Advanced Web Development
CIS 380: Mobile Applications

Analysis and Modeling
CIS 207: Networking
CIS 208: Eye Tracking Methods
CIS 245: Information Visualization
CIS 331: Data Analysis
CIS 330: Data Structures
CIS 335: Information Security

Design and Interaction
CIS 245: Information Visualization
CIS 275: Web Design
CIS 301: Human Computer Interaction
CIS 361: Digital Imaging
CIS 365: Digital Film
CIS 375: Advanced Web Development
CIS 380: Mobile Applications

CIS Elective
Any CIS course at any level may be used here.

Visual Guide to the CIS Major: Interaction Design Emphasis

Catalog Text: Students complete the requirements of the CIS major, with one of their electives being CIS 301 and at least two of their remaining electives drawn from CIS 105, CIS 208, CIS 245, CIS 275, and CIS 375. Some offerings of CIS 297 or CIS 397 may also be designated as counting towards the Interaction Design emphasis.

Introductory Core

Electives
In addition to taking at least three Interaction Design electives, students must complete at least one course in each category shown and at least two at the 300-level or higher.

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Capstone Experience

CIS 400: Service-Learning Project Management

Specific offerings of the topics courses CIS 297 and CIS 397 may also count towards various CIS distribution requirements.