Master of Science in Human Factors in Information Design

Bentley's Human Factors in Information Design (HFID) graduate program is an accelerator for successful careers in user experience (UX) research and design, as well as customer experience.

Students master UX research methods, including ethnography, field research, interviews, survey design, and formative and summative usability testing. Graduates with these in-demand HFID skills are sought after by top organizations across a variety of industries, from cutting-edge tech startups to the Fortune 500.

Curriculum

Course	Title	Credits
Requirements 9 credits		
HF 700	Foundations in Human Factors	3
HF 710	Managing a User-Centered Design Team [1]	3
or HF 725	User Experience Leadership and Management	
HF 750	Testing and Assessment Programs	3
HF elective courses 15 credits		
HF 720	Localization and the Global Market	
HF 730	Visualizing Information	
HF 740	Information Architecture: User-Centered Design for the World Wide Web	
HF 751	Measuring the User Experience	
HF 755	Special Topics in Human-Computer Interaction (HCI)	
HF 760	Intelligent User Interfaces	
HF 761	Mobile Design	
HF 765	Emerging Interfaces	
HF 766	Multimodal Experience Design	
HF 770	Prototyping and Interaction Design	
HF 780	Field Methods	
HF 785	Ethnography for Experience Design	
HF 790	Internship in Human Factors in Information Design	
HF 795	Research Methods for Human Factors	
HF 800	User Experience Thesis	

non-HF elective courses 6 credits

Course	Title
CS 602	Data-Driven Development With Python
CS 603	Algorithmic Thinking with Java
CS 607	Cybersecurity
CS 703	Looking into the Future: Automation and Digital Technologies
GBE 790	Global Business Experience
GR 602	Business Process Management
GR 603	Leading Responsibly
IDCC 711	Argumentation Strategies for Business
IPM 652	Managing with Analytics
MG 632	Leading Effective Work Teams
MG 635	Negotiating
MG 645	Leading Change
MG 646	Leading Technology-Based Organizations
MG 651	Project Management
MG 652	Strategic Innovation
MK 758	Enhancing Creativity
ST 625	Quantitative Analysis for Business
ST 635	Intermediate Statistical Modeling for Business

[1] Student permitted to take both HF 710 Managing the Experience Design Process and HF 725 User Experience Leadership and Management and count one as an elective.

Master of Science in Human Factors in Information Design: California and Online

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Curriculum

Course	Title	Credits
Program Requirements (30 credits)		
Required Courses (12 credits)		
HF 700	Foundations in Human Factors	3
HF 710	Managing a User-Centered Design Team [1]	3
HF 715	Innovation Boot Camp	3
HF 725	User Experience Leadership and Management [1]	3
HF 750	Testing and Assessment Programs	3
Human Factors Electives (12 credits)		
Select four of the following:		12
HF 720	Localization and the Global Market	
HF 730	Visualizing Information	
HF 740	Information Architecture: User-Centered Design for the World Wide Web	
HF 751	Measuring the User Experience	
HF 755	Special Topics in Human-Computer Interaction (HCI)	
HF 760	Intelligent User Interfaces	
HF 761	Mobile Design	
HF 765	Emerging Interfaces	
HF 770	Prototyping and Interaction Design	
HF 780	Field Methods	
HF 785	Ethnography for Experience Design	
HF 790	Internship in Human Factors in Information Design	
HF 795	Research Methods for Human Factors	
HF 800	User Experience Thesis	
Non-Human Factors Electives (6 credits)		
After consultation with the MSHFID program director, select two graduate courses at the 600 level or higher.		6

Please note: All course work must be completed within five years.

Please note: Successful completion of Bentley's UX continuing education certificate program with a grade of B or higher prior to the start of the Master of Science in Human Factors in Information Design program will be honored as 6 elective credits to the Master of Science in Human Factors in Information Design program.