

Master of Science in

# Human Factors in Information Design

At Bentley University, we believe that a human-centered process improves all that we design and create. In our MSHFID program, you'll gain a deep understanding of human behavior through research that inform today's design trends, and a keen appreciation for the strategic role of UX in building competitive advantage for your organization.

You'll tackle real research and design problems sponsored by leading tech companies, sharpening your skills and building your portfolio. And, by mastering emerging technologies such as VR/AR, voice interaction, IoT, wearables, and behavioral design, you'll set yourself up with a strong and diverse portfolio of skills and a career that's future proof.

## Program Features

- Learn about human behavior relative to product design, universal accessibility, minimal design, usability and the user experience.
- Master UX research methods, including ethnography, field research, interviews, survey design, and formative and summative usability testing.
- Become adept at moving quickly from research and data to innovative design solutions.
- Gain a firm grounding in business strategy that embraces the critical role of UX in adding value for organizations of every kind.
- Study at Bentley, online from a home or office, at our San Francisco satellite campus, or a combination of the three.
- Named Top Academic Program by UX Magazine.

## Hands-On Learning

The campus-based User Experience Center (UXC) is the hands-on research centerpiece of the MSHFID program. Its full-time staff of UX professionals provide consulting services to corporate and non-profit clients around the globe. Graduate students accepted to the Research Assistantship program receive financial support and gain valuable experience by working in the UXC on client projects. Many clients return to recruit our students for their expertise.

## Career Outcomes

Our program emphasizes the strategic role of UX in enhancing an organization's competitive advantage. As a result, Bentley graduates routinely land senior-level positions at top companies across the country and around the world. Some initial job titles of our graduates are:

- UX researcher
- Interaction designer
- UX designer
- Senior usability specialist

# “For me, Bentley was about becoming an innovator, an influencer and a leader.”

## Ben Huggins

Interaction Designer  
YouTube



## Curriculum

Admission to MSHFID program requires a Bachelor of Science in communication or engineering; a Bachelor of Arts in new media, design or psychology; or permission from the program director. Candidates should have relevant experience in design, software, mobile or hardware development; industrial design; information architecture; interaction design; front-end development; product management; social media or usability testing. Three years of experience is recommended.

### Core (3 courses)

- HF 700** Foundations in Human Factors
- HF 710** Managing a User-Centered Design Team
- or*
- HF 725** UX Leadership and Management
- HF 715** Innovation Bootcamp *(required of California online students only)*
- HF 750** Testing and Assessment Programs

### Human Factors Electives (5 courses)

**Select five courses from the following:**

- 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 760** Intelligent User Interfaces
- HF 761** Mobile Design
- HF 765** Emerging Interfaces
- HF 770** Prototyping and Interaction Design
- HF 780** Field Methods in Human Computer Interaction
- HF 785** Ethnography of Work for Design
- HF 790** Internship in HFID
- HF 795** Research Methods in Human Factors
- HF 800** User Experience Thesis

### Non-Human Factors Electives (2 courses)

**Select two courses from an approved business area such as:**

- CS 603** Object-Oriented Application Development
- CS 607** Technology Infrastructure of Information Systems
- GBE 790** Global Business Experience
- IPM 652** Information Management
- MG 632** Leading Effective Work Teams
- MG 646** Leading Technology-Based Organizations
- MG 652** Strategic Management
- ST 625** Quantitative Analysis for Business

For complete degree requirements and most up-to-date course options, visit [admissions.bentley.edu](https://admissions.bentley.edu).

## [bentley.edu/graduate/hfid](https://bentley.edu/graduate/hfid)

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