

# USER EXPERIENCE DESIGN (BS)

The BS in User Experience Design is an interdisciplinary, hands-on program that integrates creative and technical disciplines including artificial intelligence, data visualization, design research, graphic design, industrial design, and information technology. Students in the UXD program prepare to work in the expanding fields of user experience design, interaction design, and social computing by developing their skills as designers, coders, and researchers. In project-based, collaborative courses, students learn a user-centered software development process to conceptualize, design, build, and conduct research on interactive systems such as web and mobile applications, game systems, designed objects and spaces, and other products and experiences.

Program Requirements	Quarter Hours
Liberal Studies Requirements	72
Major Requirements	100
Open Electives	20
<b>Total hours required</b>	<b>192</b>

## Learning Outcomes

Students will be able to:

- Plan and conduct a variety of user research methods for developing empathy, understanding problems, and identifying user needs and design opportunities.
- Evaluate, critique, create, and rationalize interfaces with respect to visual design principles, affordances, interaction design principles, and interaction design patterns.
- Transform user research and apply design principles and patterns to create wireframes, mockups, prototypes, and experiences that simulate interfaces and have enough functionality for usability testing with participants.
- Read, comprehend, and write code relevant to contemporary web and mobile devices at a basic level, use code to create rough prototypes, and research, evaluate, and rationalize design decisions as they relate to code.
- Effectively communicate user research findings, design concepts, and design rationale in written and verbal forms.

## Liberal Studies Requirements

Honors program requirements can be found in the individual Colleges & Schools section of the University Catalog. Select the appropriate college or school, followed by Undergraduate Academics and scroll down.

First Year Program	Hours
<b>Chicago Quarter</b>	
LSP 110 DISCOVER CHICAGO or LSP 111 or EXPLORE CHICAGO	4
<b>Focal Point</b>	
LSP 112 FOCAL POINT SEMINAR	4
<b>Writing</b>	
WRD 103 COMPOSITION AND RHETORIC I <sup>1</sup>	4
WRD 104 COMPOSITION AND RHETORIC II <sup>1</sup>	4
<b>Quantitative Reasoning</b>	

Not Required		
<b>Sophomore Year</b>		
<b>Race, Power, and Resistance</b>		
LSP 200	SEMINAR ON RACE, POWER, AND RESISTANCE	4
<b>Junior Year</b>		
<b>Experiential Learning</b>		
Required in major <sup>1</sup>		
<b>Senior Year</b>		
<b>Capstone</b>		
Required in major <sup>1</sup>		

<sup>1</sup> Students must earn a C- or better in this course.

## Learning Domains

**Arts and Literature (AL)** (<https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/arts-and-literature/>)

- 3 Courses Required

**Historical Inquiry (HI)** (<https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/historical-inquiry/>)

- 2 Courses Required

**Math and Computing (MC)** (<https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/math-and-computing/>)

- Not Required

**Philosophical Inquiry (PI)** (<https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/philosophical-inquiry/>)

- 2 Courses Required <sup>1</sup>

**Religious Dimensions (RD)** (<https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/religious-dimensions/>)

- 2 Courses Required <sup>1</sup>

**Scientific Inquiry (SI)** (<https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/scientific-inquiry/>)

- 1 Lab Course Required

**Social, Cultural, and Behavioral Inquiry (SCBI)** (<https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/social-cultural-and-behavioral-inquiry/>)

- 3 Courses Required
  - PSY 105
  - 2 Additional Courses

<sup>1</sup> Students must take one of the following ethics courses: CSC 208 (PI), IT 228 (PI), PHL 248/MGT 248 (PI) or REL 228/MGT 228 (RD).

## Notes

Specified required courses within Liberal Studies may have grade minimums (e.g. C- or better). Please consult your advisor or your college and major requirements.

Courses offered in the student's primary major cannot be taken to fulfill LSP Domain requirements. If students double major, LSP Domain courses may double count for both LSP credit and the second major. Students who choose to take an experiential learning course offered by the major may count it either as a general elective or the Experiential Learning requirement.

In meeting learning domain requirements, no more than one course that is outside the student's major and is cross-listed with a course within the student's major, can be applied to count for LSP domain credit. This policy does not apply to those who are pursuing a double major or earning BFA or BM degrees.

## Major Requirements

### First Year

Course	Title	Quarter Hours
INTD 151	DESIGN RESOURCES EXPLORATION	2
GD 105	INTRO TO VISUAL DESIGN	4
IT 130	INTRODUCTORY COMPUTING FOR THE WEB	4
IT 240	INTRODUCTION TO DATABASES	4
UXD 101	DESIGN PRINCIPLES FOR USER EXPERIENCE DESIGN	4
UXD 210	INTRODUCTION TO USER EXPERIENCE DESIGN	4
UXD 220	PROTOTYPING METHODS I	4

### Second Year

Course	Title	Quarter Hours
GD 232	TYPOGRAPHY: SYSTEMS	4
UXD 225	CODING DESIGN FRAMEWORKS	4
UXD 260	USER EXPERIENCE RESEARCH AND EVALUATION	4
UXD 270	USER-CENTERED WEB DESIGN	4
UXD 320	PROTOTYPING METHODS II	4
UXD 251	FIGMA WORKSHOP	2

### Third Year

Course	Title	Quarter Hours
CSS 378	COMMUNITY-BASED TECHNOLOGY PROJECTS	4
INTD 251	DESIGN PORTFOLIO DEVELOPMENT	2
IT 223	DATA ANALYSIS	4
UXD 222	INTRODUCTION TO DATA VISUALIZATION DESIGN	4
UXD 227	ARTIFICIAL INTELLIGENCE TOOLS IN USER-CENTERED DESIGN	4
One (1) 2 credit hours Tools Course		2
Four (4) credit hours in Focus Area Electives		4

### Fourth Year

Course	Title	Quarter Hours
UXD 329	ETHICS, DATA, ARTIFICIAL INTELLIGENCE AND HUMAN CENTERED DESIGN	4
UXD 381	QUANTITATIVE DESIGN RESEARCH METHODS	4
UXD 382	QUALITATIVE DESIGN RESEARCH METHODS	4
UXD 394	USER EXPERIENCE DESIGN CAPSTONE I	4
UXD 395	USER EXPERIENCE DESIGN CAPSTONE II	4
Eight (8) credit hours in Focus-Area Electives		8

### Focus Area Electives

Course	Title	Quarter Hours
CMNS 201	BUSINESS AND PROFESSIONAL COMMUNICATION	
CSEC 345	HUMAN-CENTERED CYBERSECURITY	
GD 109	WEB DESIGN TOOLS WORKSHOP	
GD 110	WEB DESIGN	
GD 200	GRAPHIC DESIGN: FORM	
GD 215	WEB DESIGN FOR COMMERCIAL PROJECTS	
IT 212	APPLIED OO PROGRAMMING	
IT 238	INTERACTIVE WEB SCRIPTING	
IT 320	CONTENT MANAGEMENT SYSTEMS	
IT 330	USER INTERFACE DEVELOPMENT FOR INTERACTIVE SYSTEMS	
UXD 390	SPECIAL TOPICS IN USER EXPERIENCE DESIGN	

### Tools

Course	Title	Quarter Hours
EXP 210	DESIGN AND FABRICATION FOR PHYSICAL SPACE WORKSHOP	
EXP 250	HARDWARE DESIGN BASICS WORKSHOP	
GD 150	ILLUSTRATOR WORKSHOP	
GD 151	PHOTOSHOP WORKSHOP	
GD 152	INDESIGN WORKSHOP	

## Open Electives

Open Elective credit hours are required to meet the minimum graduation requirements of 192 hours. Open Electives may be taken from any unit at DePaul.

## Degree Requirements

Students in this degree must meet the following requirements:

- Complete a minimum of 192 credit hours (generally 48 courses)
- Earn a grade of C- or higher in WRD 103, WRD 104, and all Major and Minor courses

- Earn a grade of D or higher in all other Liberal Studies and Open Elective courses
- Maintain a cumulative GPA of 2.0 or higher

### **Program Combination Restrictions**

Students pursuing the BS in User Experience Design are forbidden from pursuing the Minor in User Experience Design.