

A human-centered approach to problem solving and opportunity finding is central to innovation, growth and tackling the wicked problems of the world.



AMPLIFYING

CREATIVITY
CRITICAL THINKING
COLLABORATION
COMMUNICATION
CURIOSITY
EMPATHY
INTUITION
BRAVERY



1 GATEWAY

Introduction • Foundation • Creativity • Critical Thinking • Communication • Collaboration

2 INSPIRATION

Curiosity • Discovery • Reframing • Critical Thinking

Select one of the following

3 IDEATION

Ideation • Design • Creativity

Select one of the following

*Rapid Viz is prereq for ID1 Intro to Product Development and suggested for Digital Solid Modeling
VCD1: Fundamentals is prereq for VCD7 and VCD8*

4 IMPLEMENTATION

Prototyping • Delivery • Communication

Select one of the following

5 CAPSTONE

Creativity • Critical Thinking • Communication • Collaboration

DESN 20203 - Design Matters & D: Think Lab

Introduction to Design Thinking
Articulate the tenets of the design thinking methods and apply methodologies to identify problems and developing service, product and experience solutions.

DESN 30210 - Research Practices

Principles of user-centered research
Overview of design research methodologies, planning strategies, interviewing, observing and participatory techniques, and data analysis and synthesis for the development of insights and implications informing the development process.

DESN 20205 - The Anthropology of Your Stuff

Learn why and how people make and use different types of objects, and how the use of these material goods resonates with peoples' identities in the past, recent history, and today.

DESN 20200 - ID: Rapid Visualization

Principles of visual ideation
Studio course introducing rapid sketching, rendering and presentation techniques as a tool for development, refinement and tangible communicating of concepts, ideas, objects and stories to others.

DESN 2101 - VCD1: Fundamentals of Design*

Principles of visual expression
Creating, planning and executing ideas and experiences with visual and textual content, physical or virtual, including images, words, or graphic forms.

DESN 20201 - ID1: Intro to Design Studio / Product Development*

Form & Physical Model Development

DESN 20210 - Digital Solid Modeling

3D CAD Modeling and Rapid Prototyping

DESN 21120 - VCD 3: Digital Media Design

The application of design principles and methods in digital media

DESN 30140 - VCD7: Interaction Design

User Interface and Interaction

DESN 40100 - VCD 8: Social Design

Initiatives, Challenges & Innovation

DESN 40201 - Collaborative Design Development

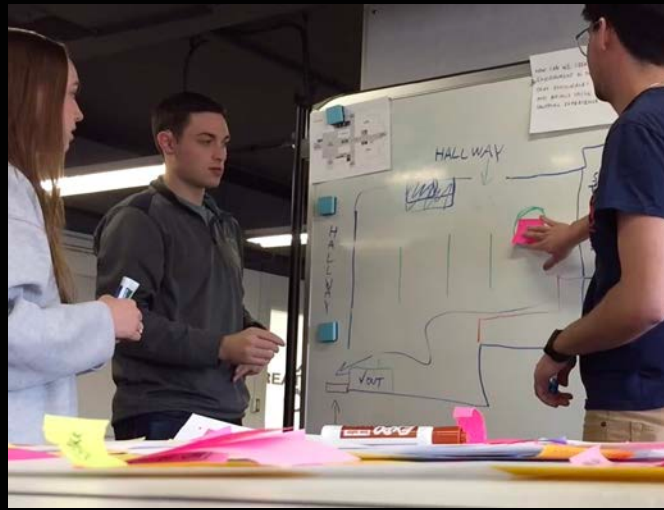
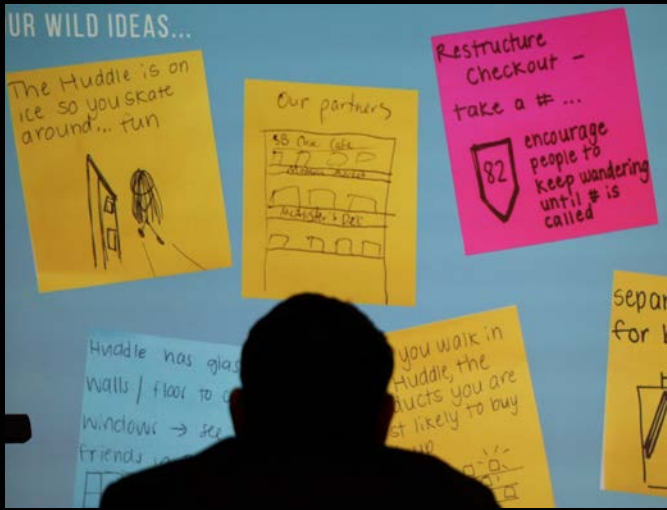
Cross Disciplinary Opportunity Finding & Problem Solving.
Industry sponsored briefs to challenge interdisciplinary teams to deploy design thinking for successful innovation and implementation in a semester long thesis type project.

*Department approval required to override prereq



COLLABORATIVE INNOVATION

MINOR



Creativity, Critical Thinking, Collaboration, and Communication are essential skills for our rapidly changing worlds.

The **Minor in Collaborative Innovation** offers students a dynamic catalyst for cross-disciplinary collaboration and learning across various departments....

.... building a strong core competency in **design thinking** and collaborative innovation to re-establish the primacy of a humanistic, collaborative approach.



COLLABORATIVE INNOVATION
MINOR

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COLLEGE OF ARTS AND LETTERS