DOUBLE DEGREE
MASTER OF INDUSTRIAL DESIGN & MASTER OF SCIENCE IN HCI

Program of Study Planning, total credits: 69

CURRICULUM OUTLINE

Industrial Design
MID core courses: 33 credits

Human Computer Interaction
HCI core courses: 12 credits
HCI suggested electives: 12 credits

Shared
Shared courses: 6 credits

Thesis OR Creative Component
Thesis (INDD or HCI): 6 credits OR
Creative Component: 3+3 credits

MID 33 cr

Industrial Design Studio I / 6 cr (F)
INDD 501

Industrial Design Studio II / 6 cr (S)
INDD 502
or
DSNS 546

Design Process Methods / 3 cr (F)
INDD 520 or
[INDD 525x] or
DSN S 501 or
ARCH 528

Industrial Design Studio III / 6 cr (F)
INDD 601

Critical + Systems Thinking / 3 cr (F)
INDD 570
or
[INDD 575x]

Visual Thinking & Communication / 3 cr (S)
INDD 540
or
[INDD 545x]

Advanced Digital Technologies / 3 cr (S)
INDD 640

INDD Elective / 3 cr
suggested for thesis:
INDD 515
Graduate Colloquium
(1 credit for 3 semesters)

SHARED 6 cr

Design Thinking / 3 cr
INDD 530

Human Factors / 3 cr
INDD 550
or
IE 577 (fall)

OPTION 1 6 cr
THESIS

OPTION 1
Grad Thesis / 6 cr
INDD 699
OR
HCI 699

OPTION 2 3+3 cr
CREATIVE COMPONENT

OPTION 2
Creative Component 3 cr + 3cr
INDD 599x
AND
HCI 599
(concurrently)

HCI 12 cr
One from each category

design

HCI 521 Fall
Cognitive Psychology of HCI

ART GR 530 Fall
User Engagement

HCI 595 Summer
Visual Design for HCI

IE 572 Spring
Design & Eval. of HCI Interaction

implementation

ME 557 Fall
Comp. Graphics & Geo.Mod

HCI 584x Summer
Phyton App. Develop. in HCI

HCI 575 Spring
Computer Perception

HCI 580 Spring
Virtual World Application

phenomena

HCI 655 Fall
Organ. & Social Implicat. of HCI

WLC 584 Fall
Tech, Globalization & Culture

JL MC 474 Summer
Comm. Tech. & Social Change

ART GR 589 Fall/Sp
Design & Ethics

ART GR 540 Spring
Graphic Design for Behavior Change

HCI 530x Varies
Perspectives in HCI

evaluation

HCI 504 Fall
Eval. Dig Learn. Environm.

PSYCH 501 Spring
Found. of Behavioral Research

STA 586 Spring
Intro Statist. Computing

HCI 522 Spring
Scientific Methods in HCI

HCI 523x Varies
Qualitative Research Methods in HCI

STAT 332 Varies
Vis. Comm of Quant. Info

HCI 12 cr suggested electives
But: Can be from entire ISU catalog

HCI 525 Fall
Optimization Methods of Complex Designs

HCI 596 Fall
Emerging Practices in HCI

HCI 681 Fall
Cognitive Engineering

IE 576 Fall
Human Factors in Product Design

EDUC 511 Summer
Tech Diffusion, Leadership, & Change

HCI 587 Summer
Models & Theories in HCI

STAT 587 Fall/Spring
Statistical Methods for Research Workers

ARTIS 508 Spring
Computer Aided Visualization

HCI 510 Spring
Foundation of Game-Based Learning

HCI 574 Sp. Even years
Computational Implementation & Prototyping

HCI 603 Spring
Advanced Learning Environments Design

DOUBLE DEGREE
MASTER OF INDUSTRIAL DESIGN & MASTER OF SCIENCE IN HCI

Suggested Program of Study 69 credits
Thesis and Creative Component

THESIS SUGGESTED SEQUENCE

Includes INDD 515 Graduate Colloquium.

Note: Year 1 spring semester will be 16 credits.

	FALL 1	SPRING 1	FALL 2	SPRING 2	FALL 3
MID 33 cr	INDD 501 / 6 cr INDD 520 / 3 cr	INDD 503 / 6 cr INDD 540 / 3 cr INDD 515 / 1 cr	INDD 601 / 6 cr INDD 570 / 3 cr INDD 515 / 1 cr	INDD 640 / 3 cr INDD 515 / 1 cr	
Shared 6 cr	INDD 530 / 3 cr	INDD 550 / 3 cr			
HCI 12 cr	HCI design / 3 cr	HCI implemen. / 3 cr	HCI phenom. / 3 cr	HCI evaluation / 3 cr	
HCI electives 12 cr				HCI elective / 3 cr HCI elective / 3 cr	HCI elective / 3 cr HCI elective / 3 cr
Thesis 6 cr					INDD 699 / 6 cr or HCI 699 / 6 cr
	15 cr	**16 cr**	**13 cr**	**13 cr**	**12 cr** **TOTAL: 69**

CREATIVE COMPONENT SUGGESTED SEQUENCE

INDD 515 Graduate Colloquium is advised for both Thesis and Creative Component,
however, this suggested sequence excludes it for demonstration purposes.
Note: INDD 599x and HCI 599 will have to be taken concurrently.

	FALL	SPRING	FALL	SPRING	FALL
MID 33 cr	INDD 501 / 6 cr INDD 520 / 3 cr	INDD 503 / 6 cr INDD 540 / 3 cr	INDD 601 / 6 cr INDD 570 / 3 cr	INDD 640 / 3 cr INDD elective / 3 cr	
Shared 6 cr	INDD 530 / 3 cr	INDD 550 / 3 cr			
HCI 12 cr	HCI design / 3 cr	HCI implemen. / 3 cr	HCI phenom. / 3 cr	HCI evaluation / 3 cr	
HCI electives 9 cr			HCI elective / 3 cr	HCI elective / 3 cr	HCI elective / 3 cr HCI elective / 3 cr
Creative Component 3+6 cr					INDD 599x/ 3 cr AND HCI 599 / 3 cr
	15 cr	**15 cr**	**15 cr**	**15 cr**	**12 cr** **TOTAL: 69**