

DESIGN (DSGN)

DSGN 10 College of Architecture Smart Start

Prerequisites: Admission to the College of Architecture

Description: Orientation course based on strategies and skills to encourage and support academic success.

Credit Hours: 0

Max credits per semester:

Max credits per degree:

Grading Option: Pass No Pass

Offered: FALL/SPR

DSGN 101 Introduction to Design

Prerequisites: Admission to the College of Architecture

Description: Introduction to architecture, industrial design, interior design, landscape architecture and related design fields; the forces that shape these fields and the processes of production they rely upon.

Credit Hours: 2

Max credits per semester: 2

Max credits per degree: 2

Grading Option: Graded

DSGN 110 Design Thinking

Prerequisites: Admission to the College of Architecture

Description: Introduction to an approach to problems employing a user-focused, iterative, team-based process. Through experiential labs, lectures, workshops, and class discussions students practice design thinking to promote innovation in a wide variety of disciplines.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Offered: FALL/SPR

Prerequisite for: ARCH 262; DSGN 111

ACE: ACE 7 Arts

Experiential Learning: Case/Project-Based Learning

DSGN 111 Design Making

Prerequisites: DSGN 110

Description: Builds upon the skills acquired in Design Thinking by focusing on formal and spatial constructs. Integrates craft and compositional principles into the design process. Introduces multiple techniques for communicating ideas through physical and digital modeling, orthographic projection, freehand drawing, and other forms of graphic representation.

Credit Hours: 4

Max credits per semester: 4

Max credits per degree: 4

Grading Option: Graded

DSGN 120 Design Drawing

Prerequisites: Acceptance into the College of Architecture

Description: Introduction to the fundamental practice and exploration of observational, projective and speculative drawing for design through a variety of media and drawing techniques.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

DSGN 123 Computer Applications in Design

Prerequisites: Admission to the College of Architecture

Description: Application of computer technology to the design disciplines. Enabling the effective use of computer technology to produce measured drawings and digital models to aid the investigation, visualization, and communication of design.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

Prerequisite for: ARCH 327

DSGN 140 History of Design

Prerequisites: Admission to the College of Architecture

Description: Thematic exploration of the history and theory of design as it relates to political, economic, and societal shifts.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

ACE: ACE 5 Humanities

DSGN 192 Selected Topics in Design

Description: Group investigation of a topic in design.

Credit Hours: 1-3

Min credits per semester: 1

Max credits per semester: 3

Max credits per degree: 3

Grading Option: Graded

DSGN 410 Design Studio: Collaborate

Prerequisites: ARCH 311; or IDES 311; or LARC 311

Description: Collaborative design research approach to complex problems. Various studios utilize multidisciplinary, interdisciplinary, or trans-disciplinary teams to explore issues across range of project types.

Credit Hours: 5

Max credits per semester: 5

Max credits per degree: 5

Grading Option: Graded

Offered: FALL

Prerequisite for: ARCH 411, ARCH 411H

Experiential Learning: Case/Project-Based Learning

DSGN 421 CNC Router

Crosslisted with: DSGN 521

Description: Learn basic operations, software, and procedures to safely and effectively use the CoA Precix CNC router to produce precise objects and services using various materials.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Grading Option: Pass No Pass

Offered: FALL/SPR

Prerequisite for: ARCH 417, ARCH 617, ARCH 817, IDES 417, IDES 817, LARC 417

DSGN 422 Metals

Crosslisted with: DSGN 522

Description: Introduction to the ARCH Metals Shop, equipment, and techniques for processing various metals.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Grading Option: Pass No Pass

Offered: FALL/SPR

Prerequisite for: ARCH 417, ARCH 617, ARCH 817, IDES 417, IDES 817,

LARC 417

DSGN 423 Plastics

Crosslisted with: DSGN 523

Description: Introduction to common processes, procedures, and knowledge of a range of plastics used in design industries.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Grading Option: Pass No Pass

Offered: FALL/SPR

Prerequisite for: ARCH 417, ARCH 617, ARCH 817, IDES 417, IDES 817,

LARC 417

DSGN 492 Selected Topics in Design

Crosslisted with: DSGN 592, DSGN 892

Description: Group investigation of a topic in design.

Credit Hours: 1-6

Min credits per semester: 1

Max credits per semester: 6

Max credits per degree: 6

Grading Option: Graded