

# INTERIOR ARCHITECTURE AND DESIGN (IAD)

## **IAD 1510 Introduction to Interior Architecture and Design (3 credits)**

Introduction to interior design theory and process. Explores transdisciplinary design issues and relationships; emphasis areas include basic design theories, vocabulary, and sustainability of the built environment. Attendance at outside events (such as lectures and symposiums) is required.

## **IAD 1520 Interior Architecture and Design I (3 credits)**

Study of the relationship of design theories to the interior environment; exploration, through a variety of media, of the elements and principles of design, with emphasis on spatial relationships and color theory. Focus of design problems is residential design and small-scale contract design. Attendance at outside events and some class critique sessions outside of scheduled hours required at student expense.

**Prereqs:** IAD 1510 or Permission

**Coreqs:** ARCH 1540

## **IAD 2000 (s) Seminar (1-16 credits, max 99)**

Credit arranged

## **IAD 2030 (s) Workshop (1-16 credits, max 99)**

Credit arranged

## **IAD 2040 (s) Special Topics (1-16 credits, max 99)**

Credit arranged

## **IAD 2310 Design Communication I (2 credits)**

Development of design communication tools and practices relevant to interior architecture and design, including presentation techniques hybridizing methods for communication of design processes and solutions. Typically Offered: Fall.

**Prereqs:** IAD 1510 or permission

## **IAD 2440 Design Communication II (2 credits)**

Advanced application of design communication techniques and digital fabrication tools relevant to interior architecture and design, culminating in professional branding and portfolio development. Industry design and modeling software will be used. 8-week course. Typically Offered: Spring.

**Prereqs:** IAD 2310 or permission.

## **IAD 2540 Architectural Design II (4 credits)**

Cross-listed with ARCH 2540

Basic integration of principles and concepts for architectural design, both interior & exterior. Two 3-hour studios per week and assigned work. Typically Offered: Spring.

**Prereqs:** ARCH 2530 or Permission

## **IAD 2810 History of Interiors I (3 credits)**

General Education: International

Historical survey of major periods in furniture and interior environments from Antiquity to Neoclassicism; exploring the cultural, social, political, and aesthetic influences on interior design theories, movements, and traditions at the local and global contexts. The course includes a hands-on project and potential field trip at student expense.

## **IAD 2820 History of Interiors II (3 credits)**

General Education: International

Historical survey of major periods in furniture and interior environments from the industrial revolution to the present; exploring the cultural, social, political, and aesthetic influences on interior design theories, movements, and traditions at the local and global contexts. The course includes a hands-on project and potential field trip at student expense.

**Prereqs:** IAD 2810 or Permission

## **IAD 2990 (s) Directed Study (1-16 credits, max 99)**

Credit arranged

## **IAD 3320 Furniture Design and Construction (4 credits)**

Theory and application of furniture design and construction emphasizing the continuing development of three-dimensional design skills and attention to physical detail; aspects of structure, ergonomics, and aesthetics are addressed in process of designing and constructing furniture pieces. One and one-half hours of lecture and 3 hours of lab per week in class meetings. Recommended Preparation: IAD 2810, IAD 2820.

**Prereqs or**

**Coreqs:** IAD 3510 or Permission

## **IAD 3440 Digital Tools for Interior Architecture and Design (3 credits)**

Introduction to industry specific software programs, with emphasis on Revit, for use in designing habitable spaces and environments. Including but not limited to 3-D modeling, detailing custom furniture design, construction documentation, preliminary introduction to workflows, and strategies designed to give students a leg-up in professional work environments. Typically Offered: Fall.

**Coreqs:** IAD 3510

## **IAD 3510 Interior Architecture and Design III (6 credits)**

Sequence of advanced residential and small scale contract design projects requiring integration of design theories and process in relationship to critical problem solving. Emphasis on formation of interior spaces to correspond to function and flow patterns. Nine hours of studio per week; field trips required at student expense; industry design and modeling software will be used; includes industry design competitions and/or service-learning projects in the community; some class jury sessions outside of scheduled hours. Typically Offered: Fall.

**Prereqs:** IAD 1520 and IAD 2540 or Permission

## **IAD 3520 Interior Architecture and Design IV (6 credits)**

Sequence of large-scale contract and other design projects requiring application of expanded design process, including problem identification, analysis, program development, conceptual and design development, and solution presentation. Implementation of lighting, codes, systems furniture, and interior specifications in the design process. Nine hours of studio per week; field trips required at student expense; industry design and modeling software will be used; includes industry design competitions and/or service-learning projects in the community; some class jury sessions outside of scheduled hours. Typically Offered: Spring.

**Prereqs:** IAD 3510

## **IAD 3680 Materials for Health and Sustainability (3 credits)**

In-depth study of interior materials and products; emphasis on sustainable design guidelines, building rating systems, and product certifications that support circularity, responsible consumption, and human and environmental well-being; overview of factors and considerations of material selection including performance characteristics, installation methods, testing, codes, standards, specifications, professional liability, indoor air quality, and life cycle costs. Field trips required at student expense. Typically Offered: Fall.

## **IAD 4000 (s) Seminar (1-16 credits, max 99)**

Credit arranged

**IAD 4030 (s) Workshop (1-16 credits, max 99)**

Credit arranged

**IAD 4040 (s) Special Topics (1-16 credits, max 99)**

Credit arranged

**IAD 4100 Capstone Proposal Development (2 credits)**

Capstone studio proposal development requiring systematic approach to the development of project proposal in preparation for IAD 4520. Typically Offered: Fall.

**Coreqs:** IAD 4510

**IAD 4150 Design Management (3 credits)**

This course aims to provide a foundation of business knowledge that will prepare design students to work in management. Class based on lectures and case studies.

**Prereqs:** Junior standing or higher

**IAD 4170 Instructional Experience (2 credits, max 6)**

Supervised development of instructional and mentoring skills.

Instructional assistants will assist instructors in delivering and assisting in courses and curricular activities, including working with instructor and students on facilitating discussions, study sessions, critiques, and other related activities. Instructional assistants will have responsibilities related to classroom and teaching technology set up, taking roll, and other administrative or logistical tasks per instructor's guidance.

Instructional assistants cannot award or enter grades. FERPA training, best practices discussion, and passing of FERPA quiz required. Typically Offered: Fall and Spring.

**Prereqs:** Third and fourth-year standing in Interior Architecture & Design program curriculum verified at program level; Program permission required to enroll in the course.

**IAD 4430 Universal Design (3 credits)**

General Education: American Experience

Introduction to and application of universal design and accessible design concepts, principles, products, standards, laws, regulations, and guidelines to the design and adaptation of the built environment.

Attendance at outside events (such as lectures, simulations, and completion of a service learning component) is required. One and a half hours of lecture and three hours arranged per week. Recommended

Preparation: IAD 2540 or ARCH 2540. Typically Offered: Spring.

**IAD 4510 Interior Architecture and Design V (6 credits)**

Advanced problems in mixed use contract interior design requiring synthesis of related coursework into comprehensive design resolution that communicates design impact on sense of place and place making; projects will seek to refine the design decision-making process by requiring in-depth programming, client participation, and development beyond schematic phases, e. g. , integration of building systems, lighting design, interdisciplinary investigation, and understanding of cultural/ environmental context. Nine hours of studio per week and assigned work; field trips required at student expense; industry design and modeling software will be used; includes industry design competitions and/or service-learning projects in the community; some class jury sessions will meet outside of scheduled hours. Recommended Preparation: IAD 4430.

Typically Offered: Fall.

**Prereqs:** IAD 3520

**IAD 4520 Interior Architecture and Design VI (6 credits)**

General Education: Capstone Experience

Capstone studio course featuring advanced applications of design theories and processes focusing on complex design issues, synthesis, and implementation of previous coursework in appropriate student selected project, from the initial programming through the final complete design documentation and presentation. Nine hours of studio per week and assigned work; field trips required at student expense; some class jury sessions will meet outside scheduled hours.

**Prereqs:** IAD 4100 and IAD 4510

**IAD 4980 (s) Internship (1-16 credits, max 99)**

Credit arranged

**IAD 4990 (s) Directed Study (1-16 credits, max 99)**

Credit arranged