

# IAD - INTERIOR ARCHITECTURE AND DESIGN (IAD)

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## **\*Course Fees are Per Credit Hour**

### **IAD 250. Creative Workshop. (1 Credit)**

This course will focus on creative concept development, production, and presentation. Students will use research and various methods of ideation to solve a specified design problem with an emphasis on collaboration and creativity. (Offered upon sufficient demand)

Course Fees: \$60

### **IAD 260. Architectural Documentation I. (3 Credits)**

This course focuses on the development of sketching, ideation, and visual communication skills utilizing various manual techniques. Students will be introduced to hand-drafting, tools, techniques, and creation of construction documentation. Two 2.75-hour studios per week. (Fall)

Course Fees: \$60

### **IAD 261. Introduction to Interior Architecture and Design. (3 Credits)**

This course provides an overview of the profession of interior architecture and design; certifications and registrations, legislation, professional organizations, and industry leaders, history and practice of interior design, introduction leaders. Introduction to color theory, and to the principles and elements of design, design process, design communication, and contemporary issues in architecture and interior design. Two 2.75-hour studios per week. (Fall)

Course Fees: \$60

### **IAD 264. Architectural Documentation II. (3 Credits)**

This course is an introduction to the principles of technical drawing and computer aided design/drafting for the creation of construction documents, hand drafting, and computer aided design. Focus is placed on architectural documentation creation with AutoCAD and SketchUp. Two 2.75-hour studios per week. (Spring)

Course Fees: \$60

### **IAD 274. Space, Form, and Concept. (3 Credits)**

This course is an introduction to the principles and application of space planning, form and volume, and concept development. Design basics including 2D and 3D space and composition, and problem-solving methods are examined. Students create a variety of solutions for a problem and present concepts to scale using sketches and models. Two 2.75-hour studios per week. (Spring)

Course Fees: \$60

### **IAD 280. Interior Details: Furniture and Millwork Design. (3 Credits)**

This course trains students to design and model their own piece of furniture. Students will work on full-size models and prototypes to develop a sense of human scale and proportion and explore a variety of materials and techniques to gain a basic understanding of furniture & millwork construction and manufacturing. While developing individual projects, students will experience all stages of the design process, including research, ideation, development, testing, refinement, prototyping, documentation and presentation. (Spring)

Course Fees: \$60

### **IAD 310. Construction Technology. (3 Credits)**

This course introduces principles of the construction process, building materials, specification, and construction document creation. Emphasis is placed on contemporary trends in residential and commercial construction with considerable focus on different building types, structures, and energy efficient high performance building. Two 2.75-hour studios per week. (Fall)

Course Fees: \$60

### **IAD 323. Building Materials and Codes. (3 Credits)**

This course provides knowledge for the selection of materials and finishes appropriate in residential and non-residential applications. Fire, health and safety codes, accessibility guidelines, as well as durability, maintenance, and life cycle costs will be discussed. Two 2.75-hour studios per week. (Fall)

Course Fees: \$60

### **IAD 343. Architectural Documentation III. (3 Credits)**

This course explores presentation techniques for interior design, plan and elevation studies, three-dimensional drawings, and renderings. Emphasis is placed on architectural documentation creation with Revit Architecture. Two 2.75-hour studios per week. Prerequisites: IAD 264. (Fall)

Course Fees: \$60

### **IAD 345. Visual Communication of the Built Environment. (3 Credits)**

This course encourages the development of imaging software skills related to the visual communication of the built environment. Students learn to improve digital techniques for color presentation and to integrate various media resources. Graphic design principles will be emphasized. Through the exploration of digital media each student will discover a higher level of creativity and self-expression through exercises that transform the written word into visual message. Two 2.75-hour studios per week. Prerequisites: IAD 343. (Spring)

Course Fees: \$60

### **IAD 354. Building Systems for Interior Architecture and Design. (3 Credits)**

This course analyzes the application of lighting and mechanical systems in both residential and non-residential environments. Emphasis is placed on architectural documentation, codes, specifications, and energy efficiency related to lighting and mechanical systems. Two 2.75-hour studios per week. Prerequisites: IAD 264, and IAD 274. (Fall)

Course Fees: \$60

### **IAD 364. Interior Architecture and Design I- Residential Studio. (3 Credits)**

This course emphasizes the planning and design of residential environments, construction document creation, project management, design and specification of interior architectural materials, furnishings, and equipment. Focus is placed on National Kitchen and Bath Association (NKBA) standards. Two 2.75-hour studios per week. Prerequisites: IAD 264 and IAD 274. (Spring)

Course Fees: \$60

### **IAD 365. Interior Architecture and Design II- Hospitality Studio. (3 Credits)**

This course emphasizes the planning and design of hospitality environments, construction document creation, project management, design and specification of interior architectural materials, furnishings, and equipment. Two 2.75-hour studios per week. Prerequisites: IAD 264 and IAD 274. (Fall)

Course Fees: \$60

**IAD 367. Interior Architecture and Design III- Corporate Studio. (3 Credits)**

This course is a comprehensive study of complex corporate environments including advanced space planning, specifications, health and human response to the built environment, and presentation techniques. Two 2.75-hour studios per week. Prerequisite: IAD 365. (Spring)

Course Fees: \$60

**IAD 370. History of Interior Architecture and Design I. (3 Credits)**

This course will focus on major movements, innovations and advancements with emphasis on the development of architecture, interior design, furniture, and materials from prehistoric to the renaissance. Students will apply design language and further examine societal, political, historical, and economical influences. (Summer)

Course Fees: \$60

**IAD 375. History of IAD II. (3 Credits)**

This course will focus on major movements, innovations, and advancements with emphasis on the development of architecture, design, furniture, and materials from the renaissance through post-modern periods. Students will apply design language and further examine societal, political, historical, and economical influences. (Summer)

Course Fees: \$60

**IAD 400. Internship Orientation. (1 Credit)**

This course will focus on preparation for securing and completing the required 350 hour Interior Architecture & Design internship (IAD 427). Students will create resume packages, practice interview skills, and research and apply for industry internships. International students must receive approval from the Office of International Affairs prior to course registration. (Spring)

Course Fees: \$60

**IAD 427. Internship. (3 Credits)**

This course is an approved off-campus experience with select firms or studios under joint faculty and management supervision. Students may enroll in Internship two times. The first opportunity will be at the completion of 59 credit hours. International students must receive approval from the Office of International Affairs prior to course registration. Prerequisite: must be a junior or senior; approval of instructor. (Summer)

Course Fees: \$60

**IAD 451. Stewardship of the Built Environment. (3 Credits)**

This course is a detailed examination of historic preservation and adaptive reuse for interior architecture and interior design. Emphasis is placed on social, economic, and sustainable principles. Introduction to historic building evaluation, materials, and preservation techniques and process. (Summer)

Course Fees: \$60

**IAD 459. Theory, Criticism, and Research in Design. (3 Credits)**

This course examines research techniques, fact finding, scholarly writing information organization, and advanced design theory, for interior architecture and design. Students will conduct pre-design investigation for IAD 465 Interior Architecture and Design V – Healthcare Studio. Two 2.75-hour studios per week. Prerequisite: IAD 367. (Fall)

Course Fees: \$60

**IAD 461. Professional Practices and Entrepreneurship in IAD. (3 Credits)**

This course is an overview of professional practices and principles in interior architecture, including management, client, and contractor relationships, project management, proposal writing, and market resourcing. Examination of entrepreneurship in interior architecture and design is included. (Fall)

Course Fees: \$60

**IAD 464. Interior Architecture and Design IV- Sustainability Studio. (3 Credits)**

This course examines advanced concepts of specialized commercial environments with an emphasis on sustainability. Two 2.75-hour studios per week. Prerequisite: IAD 367. (Fall)

Course Fees: \$60

**IAD 465. Interior Architecture and Design V- Healthcare Studio. (3 Credits)**

This course examines advanced concepts of specialized environments for healthcare special populations. Two 2.75-hour studios per week.

Prerequisites: IAD 459 and IAD 464. (Spring)

Course Fees: \$60

**IAD 470. Portfolio Charrette. (3 Credits)**

This course is a review of previous student projects with the intent of preparing a final student portfolio. Emphasis is placed on the creation of personal branding, resume packages, and physical and digital student portfolios. Physical and digital portfolio types are examined. Prerequisite: senior classification. (Spring)

Course Fees: \$60

**IAD 475. Certification Workshop. (3 Credits)**

This course will present a detailed examination of industry certifications and focus on preparation for the IDFX Fundamentals portion of the NCIDQ exam. Prerequisite: senior classification. (Offered on sufficient demand.)

Course Fees: \$60

**IAD 479. Continued Enrollment. (1-3 Credits)**

Course Fees: \$60

**IAD 497. Special Topics in Interior Architecture and Design. (1-3 Credits)**

This course is a detailed examination of a specific topic related to the disciplines of interior architecture and design. Topics will be announced prior to the scheduling of the class. A special fee may be required according to the topic and course content. This course may be taken a maximum of two times for credit. Prerequisite: Departmental approval.

Course Fees: \$60

**IAD 499. Independent Study-Practicum. (1-3 Credits)**

Independent study, projects, or field experiences under departmental determination, supervision, and evaluation. Open to majors on approval of department chair. International students must receive approval from the Office of International Affairs prior to course registration. (Offered upon sufficient demand)

Course Fees: \$60