

# INTERIOR ARCHITECTURE + DESIGN DEGREE INFORMATION

The **Bachelor of Arts in Interior Architecture and Design** provides a transformative experience with a foundation in critical design thinking. The mission of the IAD program is to inspire thoughtful, empathic, and creative designers who enrich people's lives by developing quality driven, comfortable, pleasing and memorable places that add value to society.

Degree Requirements: *(refer to your catalog year)*

## Introductory and Foundation Courses (8 credit hours)

- ARS 100 Foundations of Art & Design (studio)\*
- IAD 111 Fundamentals of IAD (lecture/studio)\*

## Visual Communication and Representation (16 credit hours)

- IAD 121 Design Drawing I (lab) (4 cr. hrs.)\*
- IAD 122 Design Drawing II (lab) (4 cr. hrs.)\*
- IAD 223 Introduction to Computer Aided Design (lab) (4 cr. hrs.)
- IAD 324 Advanced Computer Aided Design (lab) (4 cr. hrs.)

## Technical and Professional Courses (12 credit hours)

- IAD 231 Material and Assembly (lab) (4 cr. hrs.)
- IAD 332 Environmental Ergonomics (lab) (4 cr. hrs.)
- IAD 433 Contracts and Documents (lab) (4 cr. hrs.)

## Design Studio Core Courses (16 credit hours)

- IAD 241 Human Environments (studio) (4 cr. hrs.)\*
- IAD 342 Residential Environments (studio) (4 cr. hrs.)\*
- IAD 343 Branded Environments (studio) (4 cr. hrs.)\*
- IAD 444 Workplace Environments (studio) (4 cr. hrs.)\*

## History and Theory Courses (12 credit hours)

- IAD 361 Design and Context (lecture) (4 cr. hrs.)
- IAD 462 Design Theory and Ideation (seminar) (4 cr. hrs.)
- ARH Critical Writing Requirement *(refer to your catalog year)*

## Capstone Courses (4 credit hours)

- IAD 455 Capstone I: Analysis and Programming (studio) (2 cr. hrs.)\*
- IAD 456 Capstone II: Strategy and Synthesis (studio) (2 cr. hrs.)

TOTAL: **18 courses / 68 credit hours**

## Design Awareness and Engagement

All IAD majors, including transfer and post-traditional students must complete four semesters of IAD 070 Design Awareness and Engagement (0 credit hours) *(refer to your catalog year)*

## Internships

All IAD majors, including transfer and post-traditional students must complete internship requirements. *(refer to your catalog year)*

\* Students must earn a grade of C or higher in courses indicated with an asterisk to move forward in the program. Students who fail to earn a grade of C or higher will be contacted by the IAD Program Coordinator to discuss continuance in the program and may be required to repeat the course. *(refer to your catalog year)*

## RECOMMENDED SEQUENCES

**4-yr sequence, for traditional students or part-time students who desire to enter the workforce or pursue graduate work.**

FALL (1st Term)	SPRING (2nd Term)	FALL (3rd Term)	SPRING (4th Term)	FALL (5th Term)	SPRING (6th Term)	FALL (7th Term)	SPRING (8th Term)
IAD 121 Drawing I*	IAD 122 Drawing II*	IAD 231 Material and Assembly	IAD 223 Intro to CAD	IAD 324 Advanced CAD	IAD 332 Environmental Ergonomics	IAD 433 Contracts and Documents	IAD 462 Design Theory and Ideation
IAD 111 Fundamentals of IAD*	ARS 100 Foundations of Art and Design	IAD 241 Human Environments*	IAD 342 Residential Environments*	IAD 343 Branded Environments*	IAD 444 Workplace Environments*	IAD 455 Capstone I: Analysis and Programming*	IAD 456 Capstone II: Strategy and Synthesis
ARH (critical writing requirement see general catalog)					IAD 361 Design in Context		
		IAD 070 Design Awareness & Engagement	Summer: Internship				

**Condensed 3-yr sequence, for transfer or returning students who completed most general education requirements. <sup>Δ</sup>**

FALL (1st Term)	SPRING (2nd Term)	FALL (3rd Term)	SPRING (4th Term)	FALL (5th Term)	SPRING (6th Term)
IAD 121 Drawing I*	IAD 122 Drawing II*	IAD 324 Advanced CAD	IAD 332 Environmental Ergonomics	IAD 433 Contracts and Documents	IAD 462 Design Theory and Ideation
IAD 111 Fundamentals of IAD*	IAD 223 Intro to CAD	IAD 241 Human Environments*	IAD 342 Residential Environments*	IAD 455 Capstone I: Analysis and Programming*	IAD 456 Capstone II: Strategy and Synthesis
IAD 231 Material and Assembly	ARS 100 Foundations of Art and Design	ARH (critical writing requirement see general catalog)	IAD 361 Design in Context	IAD 343 Branded Environments*	IAD 444 Workplace Environments*
IAD 070 Design Awareness & Engagement		IAD 070 Design Awareness & Engagement	IAD 070 Design Awareness & Engagement	Summer: Internship	

<sup>Δ</sup> The 3-year sequence is not recommended for those with additional general education requirements to complete, or planning on working more than part-time, or have commitments equal to part-time work.

# INTERIOR ARCHITECTURE + DESIGN COURSE DESCRIPTIONS

## **IAD 070 Design Awareness and Engagement**

Through exposure to creative and professional activities, students build awareness about themselves and connect with their community. 0 credit hours, online, prerequisites: none, corequisites: none.

## **IAD 111 Fundamentals of Interior Architecture and Design\***

This lecture/studio explores interior architecture and design, introducing the foundational design language, principles and elements of design, and the fundamentals of time, space, light, color, material, and texture that make up our spatial experience. 4 credit hours, lecture/studio, prerequisites: none, corequisites: 121 (majors only).

## **IAD 121 Design Drawing I\***

How does the designer communicate? In this course, students are introduced to the fundamental principles and skills used in design drawing, focusing on methods used to represent the built environment through contour, orthographic, paraline and perspective projection, following conventions of architectural standards, using b/w illustration and rendering techniques to create presentation drawings and layouts. 4 credit hours, lab, prerequisites: none, corequisites: 111 (majors only).

## **IAD 122 Design Drawing II\***

To further continue the development of principles, methods and skills learned in Design Drawing I, this course focuses on further development using colored media, advanced illustration and rendering techniques to refine presentation drawings, layouts, portfolios, and other documentation. 4 credit hours, lab, prerequisites: IAD 121, corequisites: none.

## **IAD 223 Introduction to Computer Aided Design**

How does the designer use the computer to communicate ideas, concepts and represent the environment? This course introduces 2D and 3D computer aided design methodologies, processes and software for drafting, digital modeling, and digital rendering as a means to help communicate design ideas. 4 credit hours, lab, prerequisites: IAD 121, corequisites: none.

## **IAD 324 Advanced Computer Aided Design**

To further continue the development of principles, methods and digital production skills learned in Introduction to Computer Aided Design, this course focuses on modeling complex and custom systems, digital workflow, and advanced techniques used to create advanced renderings and presentation documents. 4 credit hours, lab, prerequisites: IAD 223, corequisites: none.

## **IAD 231 Material and Assembly**

How are materials selected and specified for the interior? How are interior environments assembled? This course covers the pragmatic and tectonic concerns of using materials in the interior, including their type, application, fabrication, quality, performance, sustainability, testing, sourcing, acoustical properties, methods of specification and assembly with a focus on poetic implications, typical construction, fabrication, and detailing for the interior environment. 4 credit hours, lab, prerequisites: none, corequisites: none.

## **IAD 332 Environmental Ergonomics**

What effects the comfort of the human occupant? How do we keep the public safe? This course covers the specifications, equipment and fixtures of electrical, plumbing, HVAC, fire alarm, fire protection, A/V, telecommunication, surveillance, security and automation systems and their regulation and code compliance with a focus on the aesthetic and practical applications of lighting design. 4 credit hours, lab, prerequisites: none, IAD 231 recommended, corequisites: none.

## **IAD 433 Contracts and Documents**

What is a project's life-cycle and what role does the designer take? This course covers the project management, coordination, professional practice, administrative roles and ethical, legal and business practices encountered throughout a project's life-cycle, focusing on the production of contracts and construction documents for interior build-out. 4 credit hours, lab, prerequisites: IAD 223, 241, & 332, corequisites: none.

## **IAD 241 Human Environments\***

This core studio course introduces the fundamentals of evidenced-based design, environmental psychology and human factors used in interior architecture and design, considering how design impacts human experience through an understanding of proxemics, universal design principles, cultural norms, standards, codes, regulations and basic programming, diagramming and space planning for personal/private and social/public spaces, while discovering one's own design language, concept development, and creative process. 4 credit hours, studio, prerequisites: IAD 111 & 122, corequisites: none.

## **IAD 342 Residential Environments\***

This core studio course explores and investigates the relationship of people to human dwellings and the concept of home, covering historical developments of the domestic interior, soft furnishing, accessibility issues in the home, aging-in-place, and continued creative development of one's own design language, concept development, and creative process. 4 credit hours, studio, prerequisites: IAD 241, corequisites: none.

## **IAD 343 Branded Environments\***

This core studio course explores and investigates the relationship of people to small and medium-scale commercial environments that seek to communicate brand value such as retail, restaurant and hospitality interiors with a focus on market vitality, stakeholder relationships, marketing, brand value, user experience, and capitalization. 4 credit hours, studio, prerequisites: IAD 231 & 241, corequisites: none.

## **IAD 444 Workplace Environments\***

This core studio course explores and investigates the relationship of people to medium and large-scale workplace and institutional environments such as specification suites, corporate offices, educational, government, and healthcare facilities, with a focus on the influences of workplace culture on workplace setting. 4 credit hours, studio, prerequisites: IAD 231, 241 & 324, corequisites: none.

## **IAD 455 Capstone I: Analysis and Programming\***

Part I of the capstone studio concentration in interior architecture and design provides an opportunity to explore areas of interest and project types that are civically engaged. Through problem exploration, information gathering, research, and analyzing findings, a comprehensive qualitative and quantitative design program is prepared to inform for part two of the capstone project. 2 credit hours, studio, prerequisites: IAD 444 & senior standing, corequisites: none.

## **IAD 456 Capstone II: Strategy and Synthesis**

Part II of the capstone studio concentration in interior architecture and design provides an opportunity for students to reflect their mastery of the knowledge and skills required within the practice of the profession. Starting with their programming efforts in Part I of the capstone experience, students synthesize their findings, moving through the design process, reflecting collaboration with consultant expertise, before presenting their capstone project to peers, faculty, and industry professionals. 2 credit hours, studio, prerequisites: IAD 256, corequisites: none.

## **IAD 361 Design in Context**

How does culture manifest design? How does design shape culture? This course surveys the significant ideologies, cultural movements, and historical developments related to the architectural, decorative, and interior material culture that define the canon of design and its potentially limited representation. 4 credit hours, lecture, prerequisites: sophomore standing, corequisites: none.

## **IAD 462 Design Theory and Ideation**

How do designer's manifest ideas? What theories, beliefs, views and feelings might motivate those designers? This course seeks to understand the foundational philosophies and design methods that shape design theory and practice from both a historical and contemporary viewpoint, dealing with topics such as creativity, beauty, functionalism, authenticity, and individualism through critical design thinking, and creative synthesis. 4 credit hours, seminar, prerequisites: IAD 361, corequisites: none.

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