**Interior Design Major**

The Interior Design Program at CMU approaches the detailed design of interiors by drawing on diverse knowledge from various disciplines emphasizing an integrated approach that relates interior design to its larger social and architectural context. Students in the program are prepared to excel in a wide range of careers including commercial and residential design as well as other related areas. A sequence of creative design studios is supported by both theoretical and technical courses and students learn both traditional and digital visual presentation formats.

The curriculum consists of a series of design studios that are supported by both theoretical and technical courses in such areas as environmental psychology, graphic communication, and construction systems. Students learn both manual and digital methods of project communication, and are encouraged to explore experimental modes as well. Enhancing the program are numerous field trips, guest speakers, an active student ASID chapter, and an internship program that has placed recent students in design firms across the country.

**Required Courses**

**IND 131  Interior Design Studio I: Introduction**
Application of basic design elements and principles and the use of design concepts, materials, and model building techniques applicable to commercial and residential interiors. Pre-requisite: IND 139; Prerequisite or Co-requisite: IND 138. May be taken prior to program entry.

**IND 138  Visual Communication for Interior Design**
Visual communication of design concepts through rendering and presentation techniques; used to express development and the final stages of design process. May be taken prior to program entry. Pre/Co-requisite: IND 139

**IND 139  Interior Design Drafting**
Provides drafting and print reading experience designed to meet the professional needs of students concentrating in interior design by covering presentation, architectural and pictorial drawings. May be taken prior to program entry.

**IND 155  Introduction to Textiles**
Study of fiber, yarn, and fabric properties intended for commercial and interior usage; impact of various processes on use and serviceability; includes textile laboratory analysis. May be taken prior to program entry. Credit may not be earned in both IND 155 and FMD 155.

**IND 238  Design History and Precedent**
Cross-cultural survey of environmental design including primal, vernacular, and high style forms with correlating historical context. May be taken prior to program entry.

**IND 328  Design History and Criticism**
Study of Western design forms (17th century through present) with correlating historical, cultural, and theoretical developments. Criticism of current design using diverse criteria. Pre/Co-requisites: IND 131, IND 238.

DEPARTMENT OF HUMAN ENVIRONMENTAL STUDIES
IND 332  *Human Shelter and Environment*  
Perspectives on the interrelationship between the built, cultural and natural environments, including: social, political and psychological effects; cross-cultural and interdisciplinary views; and ecological aspects. (University Program Group IV-A) May be taken prior to program entry.

IND 333  *Interior Design Service Learning*  
This course offers an opportunity for Interior Design students to perform targeted academic-based service work under the supervision of a CMU faculty member. Pre-requisite: IND 131, IND 138, IND 139

IND 334  *Computer-Aided Design for Interiors*  
Fundamental concepts and applications of graphic software programs. Current and potential applications of digital computers and CAD software in design. Pre-requisites: IND 131, IND 138, IND 139; Pre/Co-requisite: IND 337.

IND 335  *Contract Documents*  
This course provides an introduction to construction working drawings, methods, and materials of diverse construction types, and building codes. Pre-requisite: IND 139

IND 336  *Materials and Components of Interior Design*  
Consideration of the materials, equipment and systems utilized in the design and construction of interior environments.

IND 337  *Interior Design Studio II: Residential*  
Application of basic design process to residential interiors: space planning, furnishings, finishes, color, and lighting; according to the socioeconomic, physical, and psychological needs of users. Prerequisites: IND 139, 332. Pre-requisites or Co-requisites: IND 328, 336.

IND 338  *Internship Preparation for Interior Design*  
Development of skills to prepare students for obtaining an internship in an interior design firm or related field. Should be taken semester prior to IND 438. Pre-requisite: IND 337.

IND 339  *Interior Design Studio III: Special User Groups*  
Assessment of special environmental needs of the disabled, elderly and children; application to studio design problems. Pre-requisites: IND 131, IND 138, IND 139, IND 238, IND 328, IND 332, IND 336, IND 337. Pre/Co-requisites: IND 334, 436.

IND 432  *Seminar in Interior Design*  
Pre-requisites: IND 339, 436. Must be taken during the final Spring semester before graduation.

IND 433  *Professional Practices in Interior Design*  
Application of internships and business procedures to the establishment and general management of a design practice. To be taken immediately following IND 438. Pre-requisite: IND 438.

DEPARTMENT OF HUMAN ENVIRONMENTAL STUDIES
IND 434  Advanced CAD for Interiors
Advanced application of CAD software. Emphasis on application of the computer as a design tool, topical applications and computer graphic methods. Prerequisites: IND 334, IND 337; Pre-requisites or Co-requisites: IND 339, 436.

IND 436  Lighting and Other Mechanical Systems
Considers the role of mechanical systems in the design of interior spaces with emphasis on lighting, and including heating, ventilation, air conditioning, and acoustical systems. Pre-requisites: IND 131, IND 138, IND 139, IND 337; successful completion of math competency.

IND 437  Interior Design Studio IV: Contract
Application of visual, conceptual and functional design processes in the design and space planning of commercial and public spaces. Pre-requisites: IND 334, 339, 436; Prerequisite or Co-requisite IND 434

IND 438  Interior Design Internship
Supervised internship of 250 hours in an interior design firm or related field designed to complement classroom learning. Taken semester prior to IND 433. Pre-requisite: IND 338.

IND 439  Interior Design Studio V: Senior Thesis
A capstone studio course that focuses on projects with increasing scope and complexity and topics that vary depending on current trends in interior design. Pre-requisite: IND 437

Total: 57 semester hours