

ENVIRONMENTAL DESIGN (EDI)

EDI 100 Selected Topics (1-6 Credits)

Design

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

EDI 104 Fundamentals of Environmental + Interior Design (3 Credits)

Design

Cross-listed with DES 146

Design relationships and coordinates as determinates of functional, structural, and aesthetic qualities of interior environments; the physical/cultural context and method for translating programmatic requirements into three-dimensional design decisions. Overview and application of elements and principles of design.

Prereq: DES 101 and 103; Coreq: DES 102

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>)

EDI 143 Visual Presentation and Drawing for Designers (3 Credits)

Design

Cross-listed with DES 143

Drawing techniques in freehand sketching and rendered presentations for design practice. Problems in quick techniques and various media.

EDI 144 Drafting for Designers (3 Credits)

Design

Cross-listed with DES 144

Orthographic Drawing techniques and practices for designing.

Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>)

EDI 145 Introductory Environmental Design I (3 Credits)

Design

Cross-listed with DES 145

Concepts used in decision making and tools necessary for translating these concepts into visual statements.

EDI 180 International Course (1-12 Credits)

Design

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the SU academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable

EDI 200 Selected Topics (1-6 Credits)

Design

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

EDI 205 Computer Applications in EDI, Level I (3 Credits)

Design

Computer instruction for interior design emphasizing computer-aided drafting and solid modeling for interior application.

EDI 247 Fundamentals of Interior Design (3 Credits)

Design, Art & Design

Theoretical and technical knowledge of basic principles of interior design. Overview of space planning, material applications, color, aesthetics, code and sustainable practice in relation to the interior. For non majors.

EDI 251 Environmental Design I (3 Credits)

Design

Basic concepts and construction methods for small scale environments. Individual and group needs in relation to personal, family, and institutional spaces

Prereq: DES 102 and EDI 104; Coreq: EDI 205 or EDI 253

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>)

EDI 252 Environmental Design II (3 Credits)

Design

Cross-listed with DES 252

Medium-scale space planning, tenant development, interior design, and documentation for the humane work environment and public spaces. Corporate structure, sustainability, materials, lighting, and construction methods.

Prereq: EDI 251; Coreq: EDI 254

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>)

EDI 253 Design Presentation and Techniques I (3 Credits)

Design

Presentation techniques using various media, hand and computer generated for design development, presentation, and construction.

Prereq: DES 102 or EDI 104; Coreq: EDI 205 or EDI 251

Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>); Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

EDI 254 Design Presentation and Techniques II (3 Credits)

Design

Advanced presentation techniques using various media; hand and computer generated for design development.

Prereq: EDI 253; Coreq: EDI 252 or DES 252

Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>); Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

EDI 255 Environmental Factors I (3 Credits)

Design

Introduction to site analysis and building elements for designing interior design solutions. Focus on concepts of environmental sustainability, responsiveness to the natural environment, structural cohesiveness, and optimizing human safety and wellbeing. Course covers various codes and regulations as they relate to architectural components.

Coreq: EDI 251 and EDI 253

Shared Competencies: Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

EDI 256 Environmental Factors II (3 Credits)*Design*

Introduction to color, interior lighting, acoustics, and materials and finishes in relation to environmental impact and human wellbeing in the built environment. Course covers specifications, schedules, and life safety codes as they relate to finishes.

Prereq: EDI 255 Coreq: EDI 252 and EDI 254

Shared Competencies: Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

EDI 270 Experience Credit (1-6 Credits)*Design*

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.

Repeatable

EDI 280 International Course (1-12 Credits)*Design*

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the SU academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable

EDI 290 Independent Study (1-6 Credits)*Design*

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

EDI 300 Selected Topics (1-6 Credits)*Design*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.

Repeatable

EDI 305 Computer Applications, Level II (3 Credits)*Design*

Instruction in the use and application of CADD (Computer Aided Design and Drafting). Emphasis given to architectural drafting, space planning and two- and three-dimensional representation.

EDI 326 Italian Design Tradition: Room, House, City (3 Credits)*Design*

Room, house, city as products of a cultural heritage that offers historical, social, artistic, and spatial meaning. Offered in Florence, Italy.

EDI 327 Room, House, City: Studio (3 Credits)*Design*

Interior room becomes, simultaneously, starting point and result of design compositions of EDI 326. Offered in Florence, Italy.

EDI 341 Building and Construction (3 Credits)*Design*

Introduction to building materials and construction techniques for wood-frame, steel-frame, and masonry structures. How buildings stand up, building codes, working drawings, and site-planning process.

EDI 345 Home Furnishing (3 Credits)*Design***EDI 346 American Traditions (3 Credits)***Design*

Historic developments in America as they related to housing and commercial design. Historic preservation laws and codes, barrier-free design, and adaptive reuse considerations.

EDI 347 Historic Buildings: Studio (3 Credits)*Design*

Projects in historic preservation and adaptive use.

EDI 348 Introduction to Lighting Design (3 Credits)*Design*

Theory and application of lighting as design tool for use in interior and exterior situations. Technical material and communication required for design; contract and specified documents.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

EDI 351 Environmental Design III (3 Credits)*Design*

Design of large public use environments. Application of codes, material specifications, space planning, construction methods, lighting design and sustainable design practices for use in interior and exterior situations.

Prereq: EDI 252 or DES 252; Coreq: EDI 353

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

EDI 352 Environmental Design Directed Research (3-6 Credits)*Design*

Cross-listed with DES 352

Research for the design of interior environments: lighting, technology, furniture, materials, special populations, ergonomics, environmental and future needs.

Repeatable 2 times for 6 credits maximum

Prereq: EDI 351

EDI 353 Environmental Factors III (3 Credits)*Design*

Introduction to codes, fire safety, and building systems that concern mechanical, electrical and plumbing. Course emphasizes building safety systems and considerations, concepts that impact indoor environmental quality, thermal comfort, occupant wellness, and the impact of systems design on energy and resource consumption.

Prereq: EDI 255 and EDI 256 Coreq: EDI 351

Shared Competencies: Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

EDI 354 Professional Practice for Designers (3 Credits)*Design*

Organizational and management skills for designers. Client and trade relations, marketing, design fees and contracts, accounting methods. Professional ethics and designer responsibility.

Shared Competencies: Communication Skills (<https://coursecatalog.syracuse.edu/shared-competencies/communication-skills/>)

EDI 380 International Course (1-12 Credits)*Design*

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the S.U. academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable

EDI 400 Selected Topics (1-6 Credits)*Design*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.

Repeatable

EDI 452 Environmental Design Capstone Project (6 Credits)*Design*

Design development and presentation of capstone project.

Prereq: DES 451

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

EDI 453 Thesis Prep and Research (3 Credits)*Design*

Research in relation to the design of the interior environment focused on the development of thesis proposal and programming.

Prereq: EDI 351 and 353; Coreq: DES 451

EDI 454 Environmental Design Portfolio (3 Credits)*Design*

Development of professional portfolio, self-branding, interviewing techniques.

Prereq: DES 451 and EDI 453; Coreq: EDI 452

EDI 470 Experience Credit (1-6 Credits)*Design*

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.

Repeatable

EDI 490 Independent Study (1-6 Credits)*Design*

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

EDI 499 Honors Capstone Project (1-3 Credits)*Design*

Completion of an Honors Capstone Project under the supervision of a faculty member.

Repeatable 3 times for 3 credits maximum

EDI 500 Selected Topics (1-6 Credits)*Design*

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester.

Repeatable

EDI 570 Experience Credit (1-6 Credits)*Design*

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing.

Repeatable