

Bachelor of Art in Interior Design Program

Course Descriptions for Courses Offered by the Bachelor of Art in Interior Design Program

INDS 111 Color Theory and Rendering (3:2:3)

Pre-requisite(s): None

The aim of this course is to introduce color theory as a component of the design process that influences human perception of the interior space, behavior, performance and wellbeing and, therefore influences design solutions. It offers skills in color selection and rendering for diverse spaces function and design concept communication.

INDS 112 Design Communication 1: Sketching and Drawing for Interiors (3:2:3)

Pre-requisite(s): None

This course introduces students to the principles and techniques of interior design's form and space representation and communication. The course makes the students familiar with manual drawing tools and modes of documenting to develop students' sketching, technical drawing and ideation skills.

INDS 121 Interior Design Process, Human factors and Ergonomics (3:3:0)

Pre-requisite(s): None

The aim of this course is to provide knowledge in design process steps, components, human factors, anthropometrics and ergonomics and how they influence design solutions and contribute to the human wellbeing. It offers skills in gathering, analyzing human-centered evidence, application of ergonomics and other human factors in inclusive, universal design.

INDS 122 Design Communication 2: Digital Media for Interiors (3:2:3)

Pre-requisite(s): INDS 112

This course introduces students to the most common 2D and 3D software used in the field of interior design to create and develop graphical and technical presentations. Emphasis will be on giving the students tools to digitize a sketches, drawings and concepts to examine design idea in terms of accuracy and workability of schematic design.

INDS 211 Interior Design Studio 1 (4:0:12)

Pre-requisite(s): INDS 122

Co-requisite(s): INDS 213 and ARCH 223

This course introduces a small-scale residential environment interior design project. A scenario-based design brief focuses on relationships between the users' needs and space's features leads students through the early phases of the design process (pre-design, schematic design, design development) with an aim of meeting space functional requirements and user(s) needs.

INDS 212 History of Art and Interior Design 1 (3:3:0)

Pre-requisite(s): None

The course aims to provide knowledge in history as it relates to decorative arts, architecture, interior design, furniture, material culture and understanding of how the design of the built environment changes along with historical periods that are influenced by the social, political, physical changes in design of the built environment.

INDS 213 Interior Construction Methods, Materials and Finishes 1 (3:2:3)

Pre-requisite(s): INDS 121 and INDS 122

Co-requisite(s): ARCH 223

The course aims to provide students with understanding of building material, finishes, and furnishings, their fabrication process, installation methods and maintenance requirements and skills in selecting materials, finishes and furnishings to support the design intent, project criteria and human and environmental wellbeing. The courses focuses on classic materials.

INDS 221 Interior Design Studio 2 (4:0:12)

Pre-requisite(s): INDS 211

Co-requisite(s): INDS 223

This studio introduces medium size interior design of office spaces. The studio encourages the students to investigate social interaction in multiusers environments and to use elements that reflect the nature and identity of work activities through the phases of data collection and analyzes, space programming, materials, furnishings and finishes selection.

INDS 222 History of Art and Interior Design 2 (3:3:0)

Pre-requisite(s): INDS 212

The course aims to provide knowledge in history as it relates to decorative arts, architecture, interior design, furniture, material culture and understanding of how the design of the built environment changes along with historical periods that are influenced by the social, political, physical changes in design of the built environment.

INDS 223 Interior Construction Methods, Materials and Finishes 2 (3:2:3)

Pre-requisite(s): INDS 213

Co-requisite(s): INDS 224

The course aims to provide students with understanding of building material, finishes, and furnishings, their fabrication process, installation methods and maintenance requirements and skills in selecting materials, finishes and furnishings to support the design intent, project criteria and human and environmental wellbeing. The courses focuses on modern materials.

INDS 224 Sustainable Approaches in Interior Design (3:3:0)

Pre-requisite(s): ENVS 102

The course aims to explore the complex context of sustainability, its application in interior design, sustainability approaches in interior design and how sustainable approaches in interior design contribute to environmental and human wellbeing. The course provide practice in systems thinking for understanding how social, economic, cultural sustainability influences the design.

INDS 311 Interior Design Studio 3 (4:0:12)

Pre-requisite(s): INDS 221

Co-requisite(s): INDS 312 and INDS 313

This design studio increases the complexity of the interior design projects by introducing design solutions for commercial spaces in urban, suburban, and shopping mall settings. Students explore space utilization, fixtures, and display as well as the role interior designer plays in supporting the business and branding of the commercial space.

INDS 312 Construction Drawings and Interior Detailing (3:2:3)

Pre-requisite(s): INDS 223

This course will lead the students to continue exploring more advanced software application and the principles of Building Information Modelling used to visualize, document and communicate interior design working drawings.

INDS 313 Environmental Systems 1: Indoor comfort and human wellbeing (3:3:0)

Pre-requisite(s): INDS 223

Co-requisite(s): INDS 312

The course aims to explore environmental control systems, types, size, their integration into interior design project, and awareness of these systems in relation to indoor thermal comfort, indoor air quality, environmental and human wellbeing. The course focuses on water, waste, HVAC, electrical, fire safety, conveyance, and communication and security systems.

INDS 321 Interior Design Studio 4 (4:0:12)

Pre-requisite(s): INDS 311

Co-requisite(s): INDS 322 and INDS 323

This design studio deals with contemporary complex interior design project within the hospitality industry and will enable the students to explore the combination of wellness, aesthetics, functionally and operational aspects in designing city restaurants, cafes, and hotels.

INDS 322 Furniture Design (3:2:3)

Pre-requisite(s): INDS 121 and INDS 223

The aim of this course is to provide knowledge and skills in materials, construction methods and details for furniture design and making. The course analyzes materials for furniture design in relation to their impact on environment, healthy and safe living and efficient work within the interior space.

INDS 323 Environmental Systems 2: Design with light and sound (3:2:3)

Pre-requisite(s): INDS 313

The course aim to provide knowledge in space's lighting and acoustical design for space quality enhancement in relation to safety, comfort, performance and wellbeing. The course suggests skills in light and sound integration into design of residences, stages, exhibitions, theaters, halls, etc. with the application of high-tech materials and technologies.

INDS 411 Interior Design Studio 5 (4:0:12)

Pre-requisite(s): INDS 321

Co-requisite(s): INDS 413 and INDS 414

This course extends the scope of interior design within a medium scale project of a healthcare environment. Students explore design approaches related to this complex and sensitive environment with respect to safety, efficiency, codes and regulations and that will satisfy all end users (including patients, staff, and visitors)' needs and wellness.

INDS 412 Graduation Final Thesis Research (2:1:3)

Pre-requisite(s): INDS 321

Co-requisite(s): INDS 411

The course aims to prepare students for Graduation Project Design that follows next semester. It offers students opportunity to consider their evolving interest, targeted career plan and select a project theme, gather, analyze, systemize relevant to the theme data, and develop a design brief, project statement, design concept and program.

INDS 413 Quantity Survey and Specifications (3:3:0)

Pre-requisite(s): ARCH 312

Co-requisite(s): INDS 414

The courses suggest methods of selection and specifications of material products (finishes, furniture, accessories, floor, window treatments, lighting and other fixtures) employed in interior design. Students will source and identify suppliers, manufacturers for products and the

methods, procedures, techniques for preparing a competitive bid including quantities and methods of measurement.

INDS 414 Professional Practice 1: Codes and Regulations (3:3:0)

Pre-requisite(s): INDS 323

The aim of this course is to equip students with knowledge of regional and international laws, codes, standards and guidelines that influence the encounter of the inhabitants with interior spaces and skills in application of laws, codes, standards and guidelines concerning built environment, sustainability, wellness, inclusive and universal design.

INDS 421 Graduation Project Design (5:0:15)

Pre-requisite(s): INDS 412

Co-requisite(s): INDS 422

The graduation project is a capstone self-directed course under the supervision of one the program's senior faculty member where the project identified during the Graduation Final Thesis Research course is implemented. Students apply gained knowledge and skills in developing a holistic design approach to a design project.

INDS 422 Professional Practice II: Ethics and Project Management (3:3:0)

Pre-requisite(s): INDS 414

The aim of the course is to provide awareness of the context of interior design practice, the influence of local and global context on design practices, understanding of the interior design profession principles, processes, responsibilities and its value to the society, interior design management, business formation, practices, and ethics.

INDS 351 Parametric Design (3:2:3)

Pre-requisite(s): INDS 312

This course is an advanced level course that will allow students to discover the fundamentals of Parametric modeling for design applications in Interior Design and Architecture. Students will investigate rule-based and parametric design concepts and techniques in the context of a generative modeling environment: Dynamo for Revit.

INDS 352 Sketching and Painting (3:2:3)

Pre-requisite(s): None

This course aims to improve students' skills in sketching and painting and focuses on two-dimensional media. Students continue to explore and experiment various techniques in art making. Two-dimensional media art works such as still life, compositions, collage are practiced with the application of various two-dimensional media.

INDS 353 Landscape and Garden Design (3:2:3)

Pre-requisite(s): None

This course aims to introduce principles of landscape design throughout all its phases. Students study types of landscape, materials and its relationship with the context, environmental and human wellbeing and apply various representation techniques in landscape design projects.

INDS 451 Portfolio Design (3:2:3)

Pre-requisite(s): None

This course aims to assist and mentor students in assembling a comprehensive portfolio of their academic work, enhancing students' graphic techniques, and provides skills in organizing the layouts of their projects in both book and digital formats.

INDS 452 Photography (3:2:3)

Pre-requisite(s): None

This course aims to provide knowledge in types of cameras and skills in camera operating, taking pictures in different contexts, enhancing the pictures, processing and organizing pictures and application of photographs in interior design presentations.

INDS 453 Advanced BIM: Scheduling and coordination (3:2:3)

Pre-requisite(s): INDS 312

The course aims to introduce technologically based collaboration of interior design with multiple disciplines and provides knowledge and training on collaboration tools and methods using Building Information Modelling applications. It focuses on developing, reading, exploring, and coordinating working drawings and executive documents to avoid conflicts and ensure construction documents consistency.

INDS 454 Research Methods for Interior Design (3:3:0)

Pre-requisite(s): None

This course aims to introduce research processes in design related tasks within the framework of Evidence-Based Design Approach. It offers a review of design research methods such as literature review, sampling procedures, questionnaires interviews, and observations.