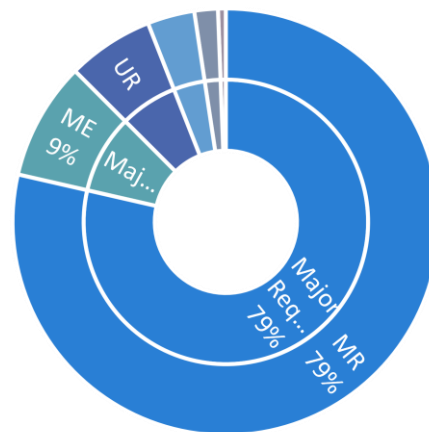


Bachelor of Interior Architecture 2022

The Interior Architecture 2022 Bachelor Program for Batch 2022 Onwards

Program Components

Course Type	CRD
University Requirement (UR)	11
College Requirement (CR)	6
Major Requirement (MR)	132
Major Elective (ME)	15
Major Support Requirement (MSR)	3
Minor Requirements (Minor)	-----
Training Requirement (TR)	1
Total Credits (CRD)	168



Detailed Study Plan

Year 1 - Semester 1

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
HIST 122	Modern Bahrani History	3	0	3	UR	None	
ARAB 110	Arabic Language Skills	3	0	3	UR	None	
MATHS 106	Mathematics For Built Environment	3	0	3	CR	None	
INTA 110	Design Fundamentals 1	0	6	3	Major	None	
INTA 111	Technical Graphics 1	0	6	3	Major	None	
INTA 112	Freehand Drawings	0	2	2	Major	None	

Year 1 - Semester 2

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ENGL 101	Communication Skills I	3	0	3	CR	None	
HRLC 107	Human Rights	2	0	2	UR	None	
INTA 120	Design Fundamentals 2	0	6	3	Major	INTA 110	
INTA 121	Technical Graphics 2	0	6	3	Major	INTA 111	
INTA 122	Design Visual Communication	1	4	3	Major	INTA 111 & INTA 112	
INTA 123	Creative Thinking	1	2	2	Major	None	

Year 2 - Semester 3

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
PHYCS 107	Physics for Building Design	3	0	3	MSR	None	
INTA 210	Interior Architecture Studio I	0	8	4	Major	INTA 120 & INTA 121	
INTA 211	History and Theory of Interior Architecture I	3	0	3	Major	INTA 120	
INTA 212	Building Construction I	1	2	2	Major	INTA 121	
INTA 213	CAD Application	1	4	3	Major	INTA 121	
INTA 214	Material Application	1	2	2	Major	INTA 120	
INTA 215	Human Behavior Factors in Design	1	2	2	Major	INTA 120	

Year 2 - Semester 4

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
INTA 220	Interior Architecture Studio	0	8	4	Major	INTA 210	
INTA 221	History and Theory of Interior Architecture II	3	0	3	Major	INTA 211	
INTA 222	Building Construction II	1	2	2	Major	INTA 212	
INTA 223	Digital Design Visualisation	1	4	3	Major	INTA 213	
INTA 224	Environmental Control Systems 1	3	0	3	Major	INTA 210	
INTA 22X					Elective	All Level 100 Courses	

Year 3 - Semester 5

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
INTA 310	Interior Architecture Studio III	0	8	4	Major	INTA 210	
INTA 311	History of Islamic Interiors	3	0	3	Major	INTA 221	
INTA 312	Advance Knowledge on Structure	3	0	3	Major	INTA 222	
INTA 313	Advanced Modelling and Visualisation	1	4	3	Major	INTA 223	
INTA 314	Environmental Control Systems 2	3	0	3	Major	INTA 224	
INTA 315	Production Drawing I	0	4	2	Major	INTA 213	

Year 3 - Semester 6

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
INTA 320	Interior Architecture Studio IV	0	8	4	Major	INTA 310	
INTA 321	Furniture Design and Production	3	0	3	Major	INTA 310	
INTA 322	Lighting	3	0	3	Major	INTA 314	
INTA 323	Landscape Design	1	4	3	Major	INTA 310	
INTA 324	Production Drawing II	0	4	2	Major	INTA 315	

Training Requirement

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
INTA 399	Interior Design Training	0	0	1	Major	After completing 85 credits	

* Does not need a time slot

Year 4 - Semester 7

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
INTA 410	Interior Architecture Studio V	0	10	5	Major	INTA 320	
INTA 411	Colours Theory	2	2	3	Major	INTA 320	
INTA 412	Material and Quantity Surveying	1	2	2	Major	INTA 324	
INTA 41X					Elective	All Level 300 courses	
INTA 41X					Elective	All Level 300 courses	

Year 4 - Semester 8

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ISLM 101	Islamic Culture	3	0	3	UR	None	
INTA 420	Interior Architecture Studio VI	0	10	5	Major	INTA 410	
INTA 421	Research Methods	3	0	3	Major	INTA 410	
INTA 422	Design, Culture and Environment	2	2	3	Major	INTA 410	
INTA 42X					Elective	All Level 300 courses	
INTA 42X					Elective	All Level 300 courses	

Year 5 - Semester 9

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
INTA 510	Interior Architecture Studio VII	0	12	6	Major	INTA 420	
INTA 511	Graduation: Programming Stage	3	0	3	Major	INTA 421	
INTA 512	Design Project Management	3	0	3	Major	INTA 420	
INTA513	Vernacular Architecture	2	2	3	Major	INTA 422	

Year 5 - Semester 10

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
ISLM 101	Islamic Culture	3	0	3	UR	None	
INTA 520	Graduation: Design Stage	0	14	7	Major	INTA 510	
INTA 521	Entrepreneurship	3	0	3	Major	INTA 512	
INTA 522	Architectural Interior Conservation	3	0	3	Major	INTA 510	

Major Elective Courses

Course Code	Course Title	Course Hours			Course Type	Pre requisite	Major GPA
		LEC	PRAC	CRD			
INTA 225	Photography for Interior Architecture	1	3	3		All Level 100 Courses	
INTA 226	Painting	1	3	3		All Level 100 Courses	
INTA 227	Textiles and Printing	3	0	3		All Level 100 Courses	
INTA 413	Service Design and Innovation	1	3	3		All Level 300 Courses	
INTA 414	UX Design	1	3	3		All Level 300 Courses	
INTA 415	Product Design	1	3	3		All Level 300 Courses	
INTA 416	Topics in Sustainable Design and Technology	3	0	3		All Level 300 Courses	
INTA 423	Islamic Geometrical Pattern and Motifs	1	3	3		All Level 300 Courses	
INTA 424	Digital Design	1	3	3		All Level 300 Courses	
INTA 425	Marketing and Branding	1	3	3		All Level 300 Courses	
INTA 426	Special Topics in Interior Architecture	3	0	3		All Level 300 Courses	

Course Descriptions:

Course Code: HIST 122

Course Title: Modern Bahraini History

تاريخ البحرين الحديث

Importance of the geographical location of Bahrain, Bahraini history since the early 1600, Al-Utoobees and the rise of Zebara, Bahrain since the beginning of Al-Khalifa rule, Bahrain relations with her neighbors and foreign powers, Bahrain as a British protectorate, independence and building of the modern state, modernization and progress in Bahrain (modernization of administrative, Political and judicial systems, modernization of the defense and security forces), economic and social development, the mass media and educational institutions, public services.

Course Code: ENGL 101

Course Title: Communication Skills I

مهارات الاتصال ١

This course focuses on reading skills and strategies and language development. The reading section concentrates on high-interest contemporary topics and encourages students to increase speed and efficiency. The writing component, integrated to the reading materials, reviews grammatical structures, develops language accuracy and introduces paragraph writing. Students are required to upgrade their grammar, reading, and listening skills on the internet.

Course Code: ARAB 110

Course Title: Arabic Language Skills

مهارات اللغة العربية

This course focuses on basic Arabic skills including form, function, and meaning. It also helps the student to appreciate and understand structures and approach them from a critical point of view, through various genres in literature.

Course Code: MATHS 106

Course Title: Mathematics and Trigonometry

الرياضيات وعلم المثلثات

Introduction to geometry, trigonometry, and the applications of these for the design of shapes and surfaces. Vectors in two and three dimensions. Fractal geometry. History and applications of mathematics in design and architecture.

Course Code: INTA 110

Course Title: Design Fundamentals 1

اساسيات التصميم ١

Describe the role of design basics in interior design context. Explain Types of design organizations, design principles and design elements. Demonstrate and analyze spatial relationships. Develop Two- and three-dimensional design solutions emphasizing creative thinking and processing the given information.

Course Code: INTA 111

Course Title: Technical Graphics 1

الرسومات التقنية ١

Use of drafting tools, graphic symbols, and lettering. Apply drawing fundamentals, projection systems, orthographic projection, axonometric and isometric projections. Employ application of projection techniques to produce architectural drawings.

Course Code: INTA 112

Course Title: Freehand Drawings

الرسم الحر

Explain the concept of freehand drawings to communicate design various audiences, expresses ideas and thoughts. Produce interior design drawings using freehand skills. Present compositions, proportions, light, color, and textures will all be illustrated in the drawings using various mediums.

Course Code: HRLC 107

Course Title: Human Rights

حقوق الانسان

This course deals with the principles of human rights in terms of the definition of human rights, scope, sources with a focus on the International Bill of Human Rights; The Charter of the United Nations; Universal Declaration of Human Rights; The International Covenant on Economics, Social and Culture rights; Convention against Torture and other Cruel, Inhuman or Degrading Treatment or Punishment; Mechanics and the Constitutional Protection of Rights and Public Freedoms in Kingdom of Bahrain.

Course Code: INTA 120

Course Title: Design Fundamentals 2

أساسيات التصميم ٢

Explain these two topics color and texture. Demonstrate the importance of color properties and principles. Examine tactile and visual textures. Distinguish, and reorganize relationships between abstract and functional design. Analysis functional definition of a space and create Two- and three-dimensional design alternatives for simple interiors. It's important to mention that the emphasis placed on creativity, conceptual thinking, and implementation of given information.

Course Code: INTA 121

Course Title: Technical Graphics 2

الرسومات التقنية ٢

Distinguish and apply principles of perspective drawing, representation of interiors using manual perspective drawing techniques (one and two points perspectives), shade and shadows in plans, elevations, and perspectives, conceptual drawings.

Course Code: INTA 122

Course Title: Design Visual Communication

تصميم الاتصال المرئي

Illustrate, analysis and apply design ideas in interior spaces using different presentation techniques. Focus on visual presentation skills needed in the interior Architecture profession. Employ basic rendering techniques to present interior design ideas in floor plans, elevations, and perspectives.

Course Code: INTA 123

Course Title: Creative Thinking

التفكير الابداعي

Discuss and practice various creative thinking skills to solve design problems, enrich design solutions and boost students' creative confidence. Distinguish innovative thinking methods and their implementation in the design field.

Course Code: PHYCS 107

Course Title: Physics for Building Design

فيزياء تصميم المباني

Fundamentals of heat transfer through building envelope: Air to air heat transmittance (U), internal and external surface conductance (h), thermal conductivities of building materials (k). Relationships between interior finishing materials and (U) values. Nature of light, light transmission, reflection, and absorption. Basic properties of light (photometric quantities): Light intensity (I), luminous flux (lx), illumination level (E), luminance (L). Photometric laws: Abney's law, inverse square law, cosine law. Nature of sound: Audible sounds. Sound quantities: Sound intensity level (I) and sound pressure level (p). Sound reflection and absorption in enclosed spaces. Reverberant sound and reverberation time (RT). Sound transmissions through partitions and building envelope. Sound reduction index.

Course Code: INTA 210

Course Title: Interior Architecture Studio I

ستوديو العمارة الداخلية ١

Residential Spaces

Interior Architecture Studio-1 is a Human-Centered Design course that focuses on tackling simple multi-faceted design problems with low level complexity, adopting design thinking approach. A studio apartment, villa, or beach house, penthouse for example, is a multi-space/multi-function residential space. Describe and analyze a "real-life" user and collect data from them using a variety of research tools and methods. Practice a broad breadth of design thinking using analytical Design Process. Compile and develop design solutions, concepts, and themes to satisfy users.

Course Code: INTA 211

Course Title: History and Theory of Interior Architecture I

تاريخ ونظرية العمارة الداخلية ١

Recognize architecture, interior design, and the arts from the dawn of civilization to the Gothic period. Discuss Mesopotamia and Ancient Egypt, as well as Greek and Roman civilizations, Medieval Europe, and the Gothic period. Analysis the built environment and its evolution across time. Compare the contextual concerns that give each time its architecture, such as social, economic, political, and cultural factors. practice developing historical perspective on understanding the built environment. The course will be taught through a combination of interactive lectures, class discussions and debates, and research projects.

Course Code: INTA 212

Course Title: Building Construction I

تشبيد المباني ١

Recognize the formal, current, and novel structural architectural components. Explain the process of building construction and the knowledge on different types of structural system and its subsystems. Create and analyze different types of structural layout and pattern. Identify the design and construction of foundations, floor slabs (RCC and Steel), staircases, openings on slabs for staircase, skylight etc.

Course Code: INTA 213

Course Title: CAD Application

تطبيقات الكمبيوتر في التصميم

Explain and apply digital tools that converts architectural ideas and drawings into a digital format. It is the pencil and paper for an architect that helps him/her visualize their ideas accurately and quickly with complete proficiency. Use CAD software effectively to create computer-generated floor plans, elevations, and details that meet current professional standards. Practice 2D rendering and illustration software to represent complete 2D CAD drawings with appropriate materials and rendering.

Course Code: INTA 214

Course Title: Material Application

استخدامات مواد البناء

Distinguish the concepts that guide the selection of natural, synthetic, and smart materials. Explain materials used in the local and international market for residential, commercial, and various interiors. Analysis material's features, physical and chemical properties, usage, maintenance, and environmental impact.

Create a survey of how interior finishes and materials are applied to interior space elements will be carried out. Teaching methods will be a combination of lectures and student presentations. Students will create a material board for a design project in this course.

Course Code: INTA 215

Course Title: Users' Study and Analysis (Human Behavior Factors in Design)

عوامل السلوك البشري في التصميم

Determine the interaction between humans and their built environment. Explain Human aspects that should be considered while designing an interior space to meet human requirements and respect human quality of life dimensions. Analysis anthropometrics, ergonomics, inclusive and universal design. Understand and employ human perceptions, behaviors, and theories. This course teaching methods will include group discussions, research, and field assessments.

Course Code: INTA 220

Course Title: Interior Architecture Studio II

ستوديو العمارة الداخلية ٢

Commercial spaces

Interior Architecture Studio-2 addresses Problem-Solving, Analytical Design and business model generation for Spatial Planning. The project type will target commercial spaces in a multi-function setting of low complexity, i.e., café, restaurants tourist information center, small business, etc. Practice using Service Design tools with respect to business model and users' needs and social aspects which influence the use and design of interior spaces. Develop understanding of design language and furniture, fixtures, equipment, materials, color, and lighting to achieve a creative and functional design for the targeted business and users.

Course Code: INTA 221

Course Title: History and Theory of Interior Architecture II

تاريخ ونظرية العمارة الداخلية ٢

Recognize the Renaissance, one of the most important periods in the history of architecture and art, before moving on to the development of Baroque, Rococo, and Neoclassicism. Distinguish and compare the principles of architecture, interior, and art in the Modern period, encompassing religious and secular art forms, are given chronologically. Explore examples of Postmodern, Deconstruction, and Contemporary architecture and art. Deliberate the socio-political situation and philosophical beliefs of the surroundings as they influenced the evolution and enrichment of these varied architectural and art forms.

Course Code: INTA 222

Course Title: Building Construction II

تشبيد المباني ٢

Explain to the detailing of non-structural architectural components. Focus on the methods of construction of exterior and interior walls, parapet, non-structural details. Distinguish the methods of installation of insulation to control the passage of sound and heat in between building components. Analyze the different measures need to be taken to handle dampness to a building structure. Explain building codes along with their implications for the non-structural architectural design components.

Course Code: INTA 223

Course Title: Digital Design Visualization

تصور التصميم الرقمي

Employ digital visualization technologies to explain and promote design approaches. Illustrate and render interior design drawings using a variety of digital tools. Practice using different digital mediums to present design idea.

Course Code: INTA 224

Course Title: Environmental Control Systems 1

أنظمة التحكم البيئي ١

Explain the classification of environmental control systems. Discuss passive climate control: thermal comfort conditions, heat transfer through walls and floors, selection of interior surface finishes in accordance with heat control, orientation of rooms regarding solar radiation and wind control, air quality and natural ventilation. Distinguish HVAC systems and Illumination systems.

Course Code: INTA 310

Course Title: Interior Architecture Studio III

ستوديو العمارة الداخلية ٣

Educational spaces

Interior Architecture Studio III is a continuation of the concept development projects taken in Interior Design Studio II. Distinguish and investigate educational design spaces in relation to learning theories of increasing scale and complexity articulated by the interactions of place. Solve critical elements of the human being when designing such interiors. explore physical, psychological, and social aspects of human beings. Apply design thinking process while solving medium-scale problems.

Course Code: INTA 311

Course Title: History of Islamic Interiors

تاريخ التصميم الداخلي الإسلامي

Explain and explore Islamic interiors including examples from Umayyad, Abbasid, Moorish, Mogul, and Ottoman periods.

Emphasis on mosque, libraries, and residential architectural types, Islamic ornamentation, and calligraphy. Understand the influence of religious factors on Islamic interiors.

Course Code: INTA 312

Course Title: Advance Knowledge on Structure

المعرفة المتقدمة في علم الهياكل

Demonstrate the principles of structure, structural phenomenal loads, forces, reaction, structural elements, types of supports, stability and analysis and determinacy, normal force, shear force, identifying the bending moment for different structural members. Analyze and design structural elements (made of reinforced concrete and steel) Explain methods of adding building blocks with the existing structure, making exterior and interior intervention in line with the existing difficulties within the design context etc.

Course Code: INTA 313

Course Title: Advanced Modelling and Visualization

النمذجة المتقدمة والتصور

Explain and apply 3D digital modelling software to students to present and display design projects professionally. Model interiors, assign materials, plan lighting and position cameras to generate numerous angles, and creating animations to present their concepts and designs are all possible with the software. This will be accomplished through a series of tutorials, projects and activities.

Course Code: INTA 314

Course Title: Environmental Control Systems 2

أنظمة التحكم البيئي ٢

Describe room acoustics, aural comfort, reverberation time and good hearing criteria for rooms of special purposes. Analyze noise control. Explore selection of finishes in accordance with sound absorption and required reverberation time. Discuss Fire control. Passive fire control: escape routes, fire exits, compartmentation. Firefighting systems and equipment. Sanitary installations.

Course Code: INTA 315

Course Title: Production Drawing, I

الإنتاج الرسمي ١

Communicate executive documents with technical information and finishing specifications for a multi-level building's interior. Explain and practice production drawings, specification tables, and details to scale, using new technology and contemporary materials for the site engineer. Generate drawings of finishes, structural elements, detailed plans, detailed sections, and internal facades.

Course Code: INTA 320

Course Title: Interior Architecture Studio IV

ستوديو العمارة الداخلية ٤

Hospitality spaces

With a medium-scale hospitality project, Interior Architecture Studio IV stimulates innovation through uniqueness. Develop an ergonomically correct indoor setting with associated design elements that improve the environment's utility while maintaining the intended feeling of style. Design and practice a line of furniture, accessories, and fixtures that cater to the needs of consumers.

Course Code: INTA 321

Course Title: Furniture Design and Production

تصميم الأثاث وتنفيذه

Recognize furniture culture, ergonomics, functional requirements, materials, fabrication processes, structural integrity, and design aesthetics. Explore the history of furniture through the technicalities, aesthetics, and form of furniture design. Analyze furniture ergonomics, function, materials, fabrication, structural integrity, and aesthetics. Apply theoretical information to design a furniture in its functional context.

Course Code: INTA 322

Course Title: Lighting

الإضاءة

Explain lighting design systems in interior spaces, construct requirements legends, and fundamental control systems, as well as unique topics such decorative luminaires and energy efficiency. Distinguish the physical and psychological impact of lighting on color. Calculate mathematical the amount of natural and artificial illumination needed to suit specific standards and users' requirements. Recognize impact of lighting on human behavior in interior space.

Course Code: INTA 323

Course Title: Landscape Design

تصميم المسطحات الخارجية

Landscape Design integrates interior and outdoor constructed spaces using landscape design concepts. Distinguish utilizing natural and man-made resources (such as land, plants, water, pavements, buildings, and street furniture) effectively. Apply these components of landscape design via a practical project employing design and computer abilities, to blend theory and practice.

Course Code: INTA 324

Course Title: Production Drawing II

الإنتاج الرسمي ٢

Define interior design elements by planning, labeling, and specifying them in relation to the interior space. Practice drawing detail and technical system drawings. Produce plans, sections, specification tables, and complete technical drawings for unit details. Draw reflected ceiling plans, water, electrical, HVAC, security, fire detection, and blow out systems.

Course Code: INTA 410

Course Title: Interior Architecture Studio V

ستوديو العمارة الداخلية ٥

Working spaces

Interior Architecture Studio V entails investigating the design of places of increasing scale and complexity, as articulated by the interaction of people and their work needs. Comprehend and design high-tech interior workplaces. Solve problems of designing interior settings that encourages employee creativity and productivity. Research and analyze organizational structure and activities that influence interior spaces, as well as plan for both individual and institutional demands.

Course Code: INTA 411

Course Title: Colors Theory

نظريات الألوان

Explain the psychological impact of color design in interiors. Distinguish color as a design element, explore color theory, Understand psychology of color and its effects on human behavior. Design colors in interior environments with lighting considerations.

Course Code: INTA 412

Course Title: Material and Quantity Surveying

المواد والكميات

Calculate and select materials. Explain the criteria for selection and calculation of finishes (durability, fire resistance, humidity resistance, heat storage, easy cleaning and maintenance, sound absorption and noise control, light reflection, prevention of air pollutants and mites). Wall finishes (brick and stone veneer, precast concrete, gypsum boards, ceramics, GRC, metals, wood, glass, plaster, paint), floor finishes (stone, ceramics, plastic tiling, wood parquet, terrazzo, carpeting), ceiling (plasters, paint, wood, suspended ceiling materials).

Course Code: ISLM 101

Course Title: Islamic Culture

الحضارة الإسلامية

This course offers an introduction to the general outline and principles of Islamic culture, its general characteristics, its relationships with other cultures, general principles of Islam in beliefs, worship, legislation, and ethics.

Course Code: INTA 420

Course Title: Interior Architecture Studio VI

ستوديو العمارة الداخلية ٦

Exhibitions and Museum spaces

Interior Architecture Studio VI will focus on a Place/Time/Culture project to investigate cultural, physical, and temporal issues. Reflect on a growing understanding of how architecture, interior design, and decorative arts define a culture. Exhibit a higher level of intricacy articulated by the interplay of the individual with the local culture and its relation to global culture. The studio work entails the creation of a large-scale multi-functional, multi-spatial interior environment. Assess programs that requires criticizing and analyzing locations, events, cultural and historical situations.

Course Code: INTA 421

Course Title: Research Methods

طرائق البحث

Recognize qualitative and quantitative research methods for interior architecture. Comprehend theoretical and practical research skills to plan and perform relevant scientific research. Identify research issues, choose the best research approach, acquire, and analyze data, write and present findings. Appraise writing, communication, and argumentation abilities to prepare students for Senior Project Research.

Course Code: INTA 422

Course Title: Design, Culture and Environment

التصميم، الثقافة والبيئة

Examine the interrelationship among culture, environment, and design; issues of sustainability, globalization, identity, culture, and human behavior are addressed as forces in the formation of contemporary interiors. Discuss and analyze local and international impact of culture and environment on building design.

Course Code: INTA 510

Course Title: Interior Architecture Studio VII

ستوديو العمارة الداخلية ٧

Health care spaces

Interior Architecture Studio VII is an evidence-based design studio that tackles the difficulty of designing interiors for a large-scale multi-functional, multi-spatial healthcare spaces. Comprehend and investigate theories, techniques, and application of passive design strategies that improve interior environmental efficiency. Demonstrate and differentiate common interior healthcare design issues. Explore the design of daylighting, natural ventilation, and renewable energy.

Course Code: INTA 511

Course Title: Graduation: Programming Stage

تخرج : مرحلة البرمجة

Encompass theoretical design issues related to the graduation project. Research, identify, analyze, and criticize the followings: users' characteristics and needs, existing buildings, case studies, extensive programming, conceptual directions for the design, discussion of spatial qualities, color schemes, furniture, materials, and surface treatments, and a final report graphic presentation.

Course Code: INTA 512

Course Title: Design Project Management

إدارة مشاريع التصميم

Plan, organize and manage interior Architecture projects. Understand methods of task break-down, scheduling, cost analysis and cost estimation. Identify writing specifications. Types of bidding and preparation of bid documents. Outline facility management concerns in interior Architecture.

Course Code: INTA 513

Course Title: Vernacular Architecture

العمارة العامية

Explain vernacular construction techniques and analyses formative factors and impacts on indigenous architecture. Examines local, regional, and global culture effect on architectural and settlement patterns. Compares professional practice with people's personal buildings to learn about culturally appropriate design.

Course Code: INTA 520

Course Title: Graduation: Design Stage

تخرج: مرحلة التصميم

This course is about a comprehensive Interior Architecture project based on the design program developed in the Programming Stage; project presents a synthesis of information acquired during previous semesters. Exhibit student's abilities as a designer and his/her personal ideology and beliefs in relation to interior Architecture.

Course Code: INTA 521

Course Title: Entrepreneurship

ريادة الأعمال

Reviews the concept of entrepreneurial thoughts. Understand the significance of entrepreneurship at the individual and societal levels. Examine transforming ideas into applied initiatives based on the principles and plans for building successful commercial enterprises and attaining the Kingdom's 2030 vision in the sphere of job creation by fostering entrepreneurship.

COURSE CODE: INTA 522

Course Title: Interior Architectural Conservation

المحافظة على العمارة الداخلية

Recognize Concepts of Interior Architectural Conservation. Explain terminologies in Conservation (Monument, Restoration, and Preservation), Heritage theory, and its practice. Examine and discuss how preservation theories and experimental practices have helped to redefine and advance new conceptions of interior architecture. Identify constructive preservation and adaptive reuse in Bahrain's context.

ELECTIVES

COURSE CODE: INTA 225

Course Title: Photography for Interior Architecture

التصوير للعمارة الداخلية

Recognize how to tell interior spaces stories, from the first steps to the digital editing. Illustrate the essence of a space through a picture, with the best angle, lighting, and shapes. Employ knowledge, technique, and insight to express the story that lies behind architectural walls.

COURSE CODE: INTA 226

Course Title: Painting

الرسم والتلوين

Distinguish painting as a visual art tool. Explore and experience a variety of Painting techniques, media, and historical approaches to art. Solve problems using Painting while dealing with form, color, line, and texture. Interpret and express the painter's world in a variety of materials. Experiment the outside world, models, drawings, photographs, and imagination via paintings.

COURSE CODE: INTA 227

Course Title: Textiles and Printing

المنسوجات والطباعة

Recognize how to design a space through fabrics, textures, and prints. Analyze and compose textile and printing as a versatile design tool. Value textile design to transmit human feeling through the sense of touch. Employ and incorporate textile and printing into interior architecture projects. Review how textile and printing stimulate five senses.

COURSE CODE: INTA 413

Course Title: Service Design and Innovation

التصميم الخدماتي والابتكار

Explore service design as a problem-solving process. Identify and discuss the importance of different type of users who have relationship with a service. Comprehend and practice the theory and application of service design through a dynamic mix of short talks and guided hands-on teamwork including a range of invaluable tools for problem solving user research and business development.

COURSE CODE: INTA 414

Course Title: UX Design

تصميم تجربة المستخدم

Recognize UX design and what does it mean to be design for experience. Comprehend the project lifecycle, analyze different type of users, and discuss their needs. Identify and examine users' journey mapping and uncover more value for interior space users. Practice and employ gained knowledge in real-life projects. In the real-life projects students will identify a framework for presenting research, understanding users' design language, aligning stakeholders, and validating user insights.

COURSE CODE: INTA 415

Course Title: Product Design

تصميم المنتجات

Review the design, manufacturing, and use of products around us. Employ gained knowledge in product designing and manufacturing industries. Show in-depth skills on how to tackle complex problems, explore creative solutions, designing and skills.

COURSE CODE: INTA 416

Course Title: Topics in Sustainable Design and Technology

موضوعات في التصميم المستدام والتقنية

Explain how to evaluate and communicate sustainable designs with tools and models that quantitatively link economic decisions with environmental impact. Evaluate existing technologies for sustainability and suggest design improvements that can make them more sustainable.

COURSE CODE: INTA423

Course Title: Islamic Geometrical Pattern and Motifs

الأنماط الإسلامية والزخارف

Explain theoretical bases of geometric patterns and its usage in Islamic art and architecture. Draw and analyze basic concepts of Islamic geometry (dividing lines and angles, drawing simple shapes such as square and pentagons etc.). Identify Different proportions in Islamic art and geometry. Employ Islamic geometrical skills in a design project.

COURSE CODE: INTA424

Course Title: Digital Design

التصميم الرقمي

Recognize digital design technology. Understand the basics of digital design and develop computer skills. Apply design vision to the widest spectrum of digital experience, such as: web, mobile, and tablet platforms, from gaming to broadcast mediums.

COURSE CODE: INTA425

Course Title: Marketing and Branding

التسويق والعلامات التجارية

Discover the concepts and tools important in successful marketing. Discuss the building blocks and principles of branding and marketing. Comply marketing Strategies and Planning in real-life cases. Examine, explore, and create innovative marketing and branding Strategies.

COURSE CODE: INTA426

Course Title: Special Topics in Interior Architecture

موضوعات خاصة في العمارة الداخلية

Flexible course in terms of topics in accordance with interests of faculty and students. Structured individually by instructors to provide special opportunities to explore specific topics in interior Architecture. Course topic subject to Program Council approval.