



Guideline Handbook

Bachelor of Interior Architecture

College of Engineering - University of Bahrain

Version 2025

Bachelor of Interior Architecture

CONTENTS

BACHELOR OF INTERIOR ARCHITECTURE	2
1. PROGRAM DESCRIPTION	2
2. PROGRAM EDUCATIONAL OBJECTIVES (PEOs):	2
3. PROGRAM INTENDED LEARNING OUTCOMES (PILOS):.....	2
4. ADMISSION REQUIREMENTS:.....	3
5. GRADUATION REQUIREMENTS:	4
6. PROGRAM DURATION	4
7. LANGUAGE OF INSTRUCTION	5
8. CAREER OPPORTUNITIES AND GRADUATE DESTINATIONS	5
9. ATTENDANCE AND LEARNING MODE.....	5
10. STUDY METHODOLOGY	5
11. ACADEMIC PROBATION AND DISMISSAL	5
<i>Detailed Study Plan</i>	7
<i>Major Elective Courses</i>	14
<i>Course Description</i>	15
DESCRIBE THE ROLE OF DESIGN BASICS IN INTERIOR ARCHITECTURE 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. USE FREEHAND DRAWING TECHNIQUES TO DEMONSTRATE DESIGN PRINCIPLES.	15
UNIVERSITY REQUIREMENTS COURSES DESCRIPTIONS	23
COLLEGE REQUIREMENT COURSES DESCRIPTIONS.....	24

Bachelor of Interior Architecture

1. Program Description:

The Bachelor of Interior Architecture offers students a solid grounding in human-centred spatial design, design history and theory, materials, construction and building systems, highlighting the discipline's role in shaping how people experience the built environment and the growing demand for interior architects in the construction sector, aligned with Bahrain's Vision 2030. Through seven sequential design studios, digital modelling and visualisation laboratories, field visits, a mandatory internship and a two-stage graduation project, the programme systematically develops evidence-based design reasoning, technical and regulatory competence, visual and digital communication, and professional leadership, enabling students to carry a project from concept to production drawings. Graduates are well positioned to pursue careers in professional design consultancy, construction and property development, and the public sector, in roles such as licensed interior architect, design consultant, project manager and FF&E specialist, and are equipped to undertake postgraduate study or pursue CRPEP registration and membership of the Bahrain Society of Engineers.

The curriculum comprises 56 courses, with total of 165 credit hours.

The Programme is placed at NQF level 8 with 738 NQF credits, which is equivalent to 165 University of Bahrain credits.

Students can normally complete all programme requirements over 5 years, studied full time across 10 semesters.

2. Program Educational Objectives (PEOs):

The program seeks to achieve the following objectives:

1. PEO1: Develop foundational design skills to create functional and aesthetically appealing interior spaces.
2. PEO2: Apply basic technical and material knowledge to solve practical design challenges.
3. PEO3: Demonstrate professional ethics and a commitment to sustainability in interior architecture projects.
4. PEO4: Collaborate effectively within multidisciplinary teams to contribute to the environment built.
5. PEO5: Pursue lifelong learning and professional growth in the field of interior architecture and design.

3. Program Intended Learning Outcomes (PILOS):

Upon graduation, graduates of the (Program Title) will be able to:

1. Integrate advanced global contexts—social, cultural, economic, and ecological—into core

theories of human experience and behavior to create innovative design solutions in the built environment.

2. Apply interior architecture knowledge through collaboration in interdisciplinary and multidisciplinary contexts, adhering to professional principles and ethical practices that define the value of the interior architecture profession.
3. Employ a variety of design approaches to creatively formulate evidence-based solutions to diverse and complex design problems, integrating research and theoretical frameworks with analytical and critical thinking skills.
4. Demonstrate effective specialized communication skills, both visually and verbally, and use the relevant digital tools and technologies to achieve digital information proficiency.
5. Critically analyze the history and theory of arts, architecture, and interior design, to be applied at a specialist level.
6. Utilize advanced knowledge of light and color theories to enhance environmental impact and human well-being, while assessing acoustics, thermal comfort, and indoor air quality.
7. Construct design solutions that integrate furnishings, products, materials, and finishes, while applying knowledge of construction, building systems, and relevant regulations that impact human experience.
8. Engage in ongoing professional development to enhance skills, innovation, and autonomy , supporting continuous growth in the field of interior architecture.
9. Develop leadership qualities and entrepreneurial skills through leading decision-making processes, managing teams, fostering innovation, and cultivating professional relationships in the dynamic field of interior architecture.

4. Admission Requirements:

The target learners of the program are applicants who meet the general admission requirements of the University of Bahrain as stated in the Study and Examinations Regulation.

In addition, applicants must satisfy the following program-specific requirements:

1. Hold a secondary school science academic track or its equivalent with a minimum cumulative average of 70%, based on the competitive admission average.

2. Pass an aptitude test to ascertain an applicant's 'capability' for creativity and design, which represents the ability to communicate visually, and skills gained in that process.

5. Graduation Requirements:

To graduate, students must:

1. Successfully complete all courses in the study plan, totalling 165 credit hours, within the maximum period specified in the University regulations.
2. Achieve a minimum cumulative GPA of 2.00 on a 4.00 scale
3. Achieve a minimum cumulative Major GPA of 2.00 out of 4.00. (Programs in College: Engineering, IT, Science, Health sciences).
4. Complete all program-specific requirements, including mandatory internship and Graduation Project (Programming Stage and Design Stage.
5. Fulfil all other requirements stipulated in the University of Bahrain Study and Examinations Regulation.

5.1. Exit Degrees:

(Keep the applicable degrees for the qualification)

In accordance with the University of Bahrain regulations, the program includes the following exit degrees:

1. Associate Diploma in Interior Architecture:
 - Minimum required credit hours: 75
 - Minimum cumulative GPA: 1.67
 - Notes (if any): Approved proposal

6. Program Duration

The normal duration of the program is 5 years 10 semesters.

Students are expected to complete the program within this period, with the possibility of extension in accordance with the University of Bahrain Study and Examinations Regulation.

7. Language of Instruction

The language of instruction for the Interior Architecture is English.

8. Career Opportunities and Graduate Destinations

Those graduating with Interior Architecture degree can pursue careers such as:

- *Licensed Interior Architect*
- *Interior Consultant*
- *Project Manager*
- *Event Planner*

9. Attendance and Learning Mode

The program follows a full-time attendance system.

The primary mode of teaching and learning is (**Traditional Education**) delivery, supported by e-learning tools and digital platforms to enhance the learning experience.

10. Study Methodology

The program is delivered through the study of the topics outlined in the course syllabi, using appropriate teaching and learning methods consistent with the nature of the discipline.

Students are assessed using approved evaluation methods aligned with the intended learning outcomes of each course.

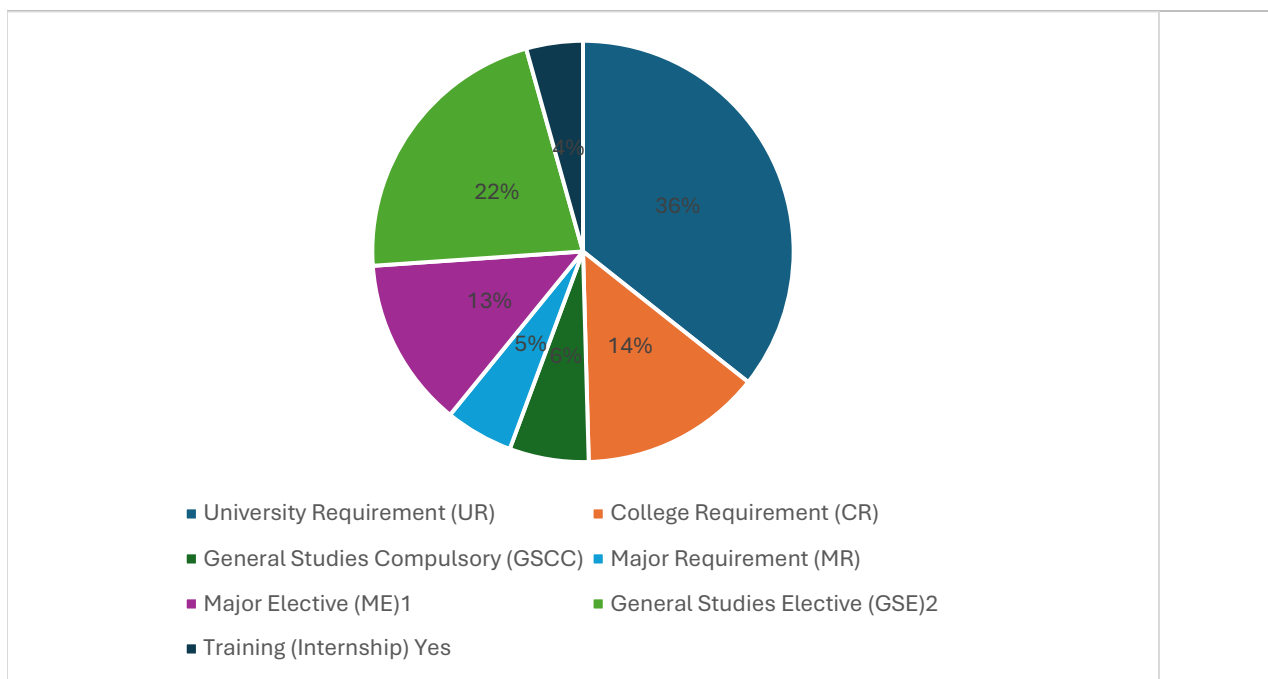
11. Academic Probation and Dismissal

Students are placed on academic probation if their cumulative GPA falls below the minimum required at the end of any semester. If the student fails to raise their GPA to a minimum in the next semester, a second academic probation is issued.

A student will be dismissed from the University in the following cases:

1. Failure to raise the cumulative GPA 2 after the prescribed probation period.
2. Exceeding the maximum period 7 allowed for completion of the program.
3. Committing a violation that warrants dismissal in accordance with the University regulations.

Program Components



University Requirement (UR)	(11)
College Requirement (CR)	(12)
General Studies Compulsory (GSCC)	(0)
Major Requirement (MR)	(133)
Major Elective (ME)¹	(9)
General Studies Elective (GSE)²	(0)
Training (Internship) Yes	(1)
Total Credit (CRD)	(165)

1. Students must select five (3XX & 4XX) courses from Major Elective (ME) List. Additional to this, two courses must be selected from ME list as Job Placement Courses. This needs consultation and approval of the department.
2. Students must select three General Studies Electives, one of them must be from Humanities and Social Science.

Notes:

- Free Elective Courses any UOB course excluding: (1) courses offered for special students, (2) courses covered in the B.Sc. curriculum, (3) courses equivalent or

lower than those already taken in the curriculum and should not be a science course prepared by College of Science for other colleges.

- HU/SS Courses - Humanities and Social Science Component: Any course from the following:
 - Humanities: Fine Arts, History, American Studies, Classics, Communications, English, (Foreign Language) French, Music, Philosophy, Theatre, Literature (Arabic), Religion (comparative).
 - Social Science: Anthropology, Economics, Education, Geography, History, Psychology, Sociology, Women's Studies, Political Science

Detailed Study Plan

Year 1 - Semester 1

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRA C/ CLIN/ STU D	CRD				
ENGL 101	Communication Skills	3	0	3	CR	None	<i>No</i>	Traditional Education
MATHS 106	Mathematics for Built Environment	3	0	3	CR	None	<i>No</i>	Traditional Education
HRLC 107	Human Rights	3	0	3	UR	None	<i>No</i>	Traditional Education
INTA 101	Design Fundamentals I	3	2	4	MR	None	<i>No</i>	Traditional Education
INTA 102	Design Communication I	3	2	4	MR	None	<i>No</i>	Traditional Education

Year 1 - Semester 2

Course Code	Course Title	Course Hours		Pre-Requisite; specify if there	Major CGPA	Regular Mode of
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		LEC	PRAC/ CLIN/ STUD	CR D	Course Type (as shown in credit hours distribution)	is grade for completion		Teaching and Learning
ENGL 242	Report Writing and Presentation	3	0	3	CR	None	No	Traditional Education
PHYCS 107	Physics for Building Design	3	0	3	CR	None	No	Traditional Education
INTA 103	Design Fundamentals II	3	2	4	MR	INTA 101	No	Traditional Education
INTA 104	Design Communication II	3	2	4	MR	INTA 102	No	Traditional Education
INTA 105	Design Visual Communication	3	0	3	MR	INTA 102	No	Traditional Education

Year 2 - Semester 3

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRAC / CLIN/ STUD	CRD				
INTA 201	Interior Architecture Studio I	6	0	6	MR	INTA 103 & INTA 104	No	Traditional Education
INTA 211	History and Theory of Interior Architecture I	3	0	3	MR	INTA 103	No	Traditional Education
INTA 202	Building Construction I	3	0	3	MR	INTA 104	No	Traditional Education
INTA 203	CAD Application	2	2	3	MR	INTA 104	No	Traditional Education

INTA 204	Human Behavior Factors in Design	3	0	3	MR	INTA 104	No	Traditional Education
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Year 2 - Semester 4

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRAC / CLIN/ STUD	CRD				
INTA 205	Interior Architecture Studio II	6	0	6	MR	INTA 201	No	Traditional Education
INTA 221	History and Theory of Interior Architecture II	3	0	3	MR	INTA 211	No	Traditional Education
INTA 206	Building Construction II	3	0	3	MR	INTA 202	No	Traditional Education
INTA 207	Digital Design Visualisation	2	2	3	MR	INTA 203	No	Traditional Education
INTA 224	Environmental Control Systems I	3	0	3	MR	INTA 201	No	Traditional Education

Year 3 - Semester 5

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRAC / CLIN/ STUD	CRD				

INTA 301	Interior Architecture Studio III	6	0	6	MR	INTA 205	No	Traditional Education
INTA 311	History of Islamic Interiors	3	0	3	MR	INTA 221	No	Traditional Education
INTA 316	Building Structure	3	0	3	MR	INTA 206	No	Traditional Education
INTA 302	Advanced Modelling and Visualization	2	2	3	MR	INTA 207	No	Traditional Education
INTA 314	Environmental Control Systems II	3	0	3	MR	INTA 224	No	Traditional Education

Year 3 - Semester 6

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRAC / CLIN/ STUD	CRD				
INTA 303	Interior Architecture Studio IV	6	0	6	MR	INTA 301	No	Traditional Education
INTA 325	Furniture Design	3	0	3	MR	INTA 301	No	Traditional Education
INTA 326	Production Drawing	2	2	3	MR	INTA 203	No	Traditional Education
INTA 327	Design Thinking and Creativity	3	0	3	MR	INTA 301	No	Traditional Education

Training Requirement

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA
		LEC	PRAC/CLIN/STUD	CR D			
INTA 396	Training for Interior Architecture	0	6	3	MR	After completion of 85 CH	

Year 4 - Semester 7

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRAC / CLIN/STUD	CR D				
INTA 401	Interior Architecture Studio V	6	0	6	MR	INTA 303	No	Traditional Education
INTA 402	Material and Quantity Surveying	3	0	3	MR	INTA 326	No	Traditional Education
HIST 122	Modern History of Bahrain and Citizenship	3	0	3	UR	None	No	Traditional Education
ARAB 110	Arabic Language Skills	3	0	3	UR	None	No	Traditional Education

Year 4 - Semester 8

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRA C/	CRD				

			CLIN/ STU D					
INTA 403	Interior Architecture Studio VI	6	0	6	MR	INTA 401	No	Traditional Education
INTA 421	Research Methods	3	0	3	MR	INTA 401	No	Traditional Education
INTA 404	Design, Culture and Environment	3	0	3	MR	INTA 401	No	Traditional Education
INTA 42X	Elective I	3	0	3	Elective	INTA 401	No	Traditional Education

Year 5 - Semester 9

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRA C/ CLIN/ STU D	CRD				
INTA 501	Interior Architecture Studio VII	6	0	6	MR	INTA 403	No	Traditional Education
INTA 511	Graduation: Programming Stage	3	0	3	MR	INTA 421	No	Traditional Education
INTA 512	Design Project Management	3	0	3	MR	INTA 403	No	Traditional Education
INTA51X	Elective II	3	0	3	Elective	INTA 401	No	Traditional Education

Year 5 - Semester 10

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRA C/ CLIN/ STU D	CRD				
INTA 502	Graduation: Design Stage	6	0	6	MR	INTA 501	No	Traditional Education
INTA 521	Entrepreneurship	3	0	3	MR	INTA 512	No	Traditional Education
ISLM 101	Islamic Culture	3	0	3	UR	None	No	Traditional Education
INTA 52X	Elective III	3	0	3	Elective	INTA 401	No	Traditional Education

Major Elective Courses

Course Code	Course Title	Course Hours			Course Type (as shown in credit hours distribution)	Pre-Requisite; specify if there is grade for completion	Major CGPA	Regular Mode of Teaching and Learning
		LEC	PRA C/ CLIN/ STU D	CRD				
INTA 427	Sustainable Design and Technology	3	0	3	Elective	INTA 401	No	Traditional Education
INTA 428	Lighting Design	3	0	3	Elective	INTA 401	No	Traditional Education
INTA 429	Textiles and Printing in Design	3	0	3	Elective	INTA 401	No	Traditional Education
INTA 514	Service and UX Design	3	0	3	Elective	INTA 401	No	Traditional Education
INTA 515	Marketing and Branding in Design	3	0	3	Elective	INTA 401	No	Traditional Education
INTA 516	Product Development and Design	3	0	3	Elective	INTA 401	No	Traditional Education
INTA 523	Interior Architectural Conservation	3	0	3	Elective	INTA 401	No	Traditional Education
INTA 524	Special issues in Interior Architecture	3	0	3	Elective	INTA 401	No	Traditional Education
INTA 525	Digital Design and Innovation	2	2	3	Elective	INTA 401	No	Traditional Education

Course Description

Course Code: INTA 110 **Course Title:** Design Fundamentals I **NQF Level:** 5

Describe the role of design basics in interior architecture 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. Use freehand drawing techniques to demonstrate design principles.

Course Code: INTA 102 **Course Title:** Design Communication I **NQF Level:** 5

Use of drafting tools, graphic symbols, and lettering. Apply drawing fundamentals, projection systems, orthographic projection, shade and shadow in the plan and elevation. Employ application of projection techniques to produce architectural drawings.

Course Code: INTA 103 **Course Title:** Design Fundamentals II **NQF Level:** 5

Explain the following 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. Emphasis placed on creativity, conceptual thinking, and implementation of given information.

Course Code: INTA 104 **Course Title:** Design Communication II **NQF Level:** 5

Distinguish and apply principles of perspective drawing, axonometric and isometric projections, representation of interiors using manual and freehand perspective drawing techniques (one and two points perspectives) and conceptual drawings.

Course Code: INTA 105 **Course Title:** Design Visual Communication **NQF Level:** 5

Illustrate, analysis and apply design ideas in interior spaces using different presentation techniques and freehand skills. 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 201 **Course Title:** Interior Architecture Studio I **NQF Level:** 6

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, adapting 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

NQF Level: 6

Recognize architecture, interior design, and the arts from the dawn of civilization to the Gothic Period and discuss them in chronological order. Analysis of the built environment and its evolution for the studied periods. Analyze the contextual concerns and issues like social, economic, political, cultural etc that impact the design and architecture of the period. Practice developing historical perspective on understanding the built environment and informing the design solutions.

Course Code: INTA 202 **Course Title:** Building Construction I

NQF Level: 6

The course introduces basic information on structural systems and subsystems, construction process from planning through foundation and framing to final finishes. The course introduces basic building materials and systems used in construction and building projects. Create and analyze different types of structural layout and pattern.

Course Code: INTA 203 **Course Title:** CAD Application

NQF Level: 6

Utilize digital tools to transform architectural and interior ideas and drawings into a digital format. Create computer-generated 2D drawings and represent them with appropriate materials and rendering. Produce basic 3D components to visualize and present spatial concepts.

Course Code: INTA 204 **Course Title:** Human Behavior Factors in Design **NQF Level: 6**

Explore the interaction between humans and their built environment, examining the human-centered aspects essential to designing interior spaces that fulfill human needs and enhance quality of life. Analyze anthropometrics, ergonomics, color theory, and emotional design. Understand and apply human perceptions, behaviors, and related theories.

Course Code: INTA 205 **Course Title:** Interior Architecture Studio II

NQF Level: 6

Commercial Spaces

This course introduces the basic principles of planning and designing a restaurant and kitchen. Students will learn the conceptual approach to planning a facility with guest appeal as the primary goal. Students will examine planning guidelines, municipal codes, and interior design for food service operations. Students will design a restaurant and kitchen by selecting the furniture and equipment, completing drawing to scale calculations, and incorporating interior design.

Course Code: INTA 221 **Course Title:** History and Theory of Interior Architecture II

NQF Level: 6

Survey of Interior Architecture from Renaissance, Baroque and Rococo period till the contemporary period; distinguish and compare the principles of architecture, interior and art through those periods chronologically. Relate the relationship between the social, economic, political, and environmental factors to the formation of architecture, interior spaces, interior

surfaces, furniture, ornamentation and art forms. Explore the movements in architecture, art, design, furniture and philosophy as a means to interpret and apply their relevance to the contemporary practice of the interior architecture.

Course Code: INTA 206 **Course Title:** Building Construction II **NQF Level:** 6

This course covers materials for non-structural building components, focusing on their application in creating stable, durable, acoustically sound, and fire-resistant interior elements. It includes knowledge of materials and construction methods for exterior walls, interior partition walls, ceilings, and raised floors. Specifications for doors and windows and the design and calculation of vertical circulation elements—stairs, ramps, and elevators—are covered according to International Building Code (IBC) standards.

Course Code: INTA 207 **Course Title:** Digital Design Visualization **NQF Level:** 6

Employ digital visualization technologies to explain and promote design approaches. Produce intermediate 3D components. Illustrate and render architecture and interior design spaces using various digital tools. Practice using different digital mediums to present design ideas.

Course Code: INTA 224 **Course Title:** Environmental Control Systems I **NQF Level:** 6

This course explores environmental systems in buildings, focusing on passive cooling, thermal comfort, and indoor environmental quality. Key topics include heat transfer, natural ventilation, illumination, and HVAC systems. Students will gain a comprehensive understanding of how these elements contribute to sustainable and efficient building design.

Course Code: INTA 301 **Course Title:** Interior Architecture Studio III **NQF Level:** 7

Educational spaces

Interior Architecture Studio III is a continuation of the concept development projects taken in Interior Architecture 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 **NQF Level:** 7

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

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

Course Code: INTA 316

Course Title: Building Structure

NQF Level: 7

This course examines building structures specifically tailored for interior architecture, with a focus on the fundamentals of structural design, analysis, and planning according to the International Building Code (IBC). Key topics include structural joints, load transfer, structural patterns, and the use of regular and irregular grid layouts, horizontal spans, vertical supports, and long-span structures. Emphasis is placed on integrating comprehensive structural designs and layouts that enhance both functionality and aesthetics in interior architectural spaces.

Course Code: INTA 302

Course Title: Advanced Modelling and Visualization

NQF Level: 7

Model advanced architectural and interior spaces using 3D software to present design ideas professionally. Assign appropriate materials, lighting, and camera positions to different scenes to generate realistic renders. Incorporate animation to communicate design solutions effectively and develop digital fabrication skillset further.

Course Code: INTA 314

Course Title: Environmental Control Systems II

NQF Level: 7

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 303

Course Title: Interior Architecture Studio IV

NQF Level: 7

Hospitality spaces

With a medium-scale hospitality project, Interior Architecture Studio IV explores innovation through unique design solutions. Develop ergonomically correct indoor settings 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. The course focuses on the psychological impact of light and color in interior design by exploring color theory and distinguishing the effects of color on human behavior.

Course Code: INTA 325

Course Title: Furniture Design

NQF Level: 7

Explore the various aspects of furniture design, such as conceptualization, development, detailing, and manufacturing. Analyze spatial requirements, user needs, and design objectives to develop creative furniture solutions that optimize form and function. Emphasize on ergonomics, aesthetics, function, material selection, construction, and manufacturing techniques.

Course Code: INTA 326

Course Title: Production Drawing

NQF Level: 7

Communicate executive documents with technical information and finishing specifications for a multi-level building's interior. Explain and practice production drawings to 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. Generate drawings of finishes, structural elements, detailed plans, detailed sections, and internal facades. Define interior design elements by planning, labelling, and specifying them in relation to the interior space.

Course Code: INTA 327 **Course Title:** Design Thinking and Creativity **NQF Level:** 7

This course introduces students to the fundamental principles of Design Thinking and its application within the field of interior architecture. Students will explore creativity as a critical tool for problem-solving, innovation, and user-centered design. Emphasis will be placed on developing empathy, generating ideas, and applying iterative processes to create meaningful spaces. Through hands-on exercises, collaborative projects, and real-world scenarios, students will gain skills in brainstorming, prototyping, and testing, enhancing their ability to conceive and communicate interior spaces that meet functional and emotional needs.

Course Code: INTA 396 **Course Title:** Training for Interior Architecture **NQF Level:** 8

Provide industry-focused training in interior architecture, delivered directly within professional organizations. To explore core principles of spatial design, material selection, and user-centered solutions, emphasizing practical application in real-world settings

Course Code: INTA 401 **Course Title:** Interior Architecture Studio V **NQF Level:** 8

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 402 **Course Title:** Material and Quantity Surveying **NQF Level:** 8

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: INTA 403 **Course Title:** Interior Architecture Studio VI **NQF Level:** 8

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 require criticizing and analyzing locations, events, cultural and historical situations.

Course Code: INTA 421 **Course Title:** Research Methods **NQF Level:** 8

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 404 **Course Title:** Design, Culture and Environment **NQF Level:** 8

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 501 **Course Title:** Interior Architecture Studio VII **NQF Level:** 8

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 **NQF Level:** 8

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 **NQF Level:** 8

Provide an overview of a principle-based approach to project management that fosters successful practices. It introduces performance domains that create an integrated system for effective project delivery and achieving desired outcomes. The course also covers how to tailor processes for individual projects. Additionally, it emphasizes commonly used models, methods, and artifacts that project teams can leverage to organize work, produce deliverables, and enhance communication and collaboration.

Course Code: INTA 502 **Course Title:** Graduation: Design Stage **NQF Level:** 8

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 **NQF Level:** 8

Recognize the entrepreneurial mindset and strategies to transform creative ideas into thriving commercial enterprises. Explore entrepreneurial concepts, evaluate real-world case studies, and create innovative, sustainable business models to drive growth in the interior design industry.

Electives

Course Code: INTA 427 **Course Title:** Sustainable Design and Technology
NQF Level: 8

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: INTA 428 **Course Title:** Lighting Design **NQF Level:** 8

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 the impact of lighting on human behavior in interior space.

Course Code: INTA 429 **Course Title:** Textiles and Printing in Design
NQF Level: 8

This course explores the role of textile and printing in interior architecture, focusing on their application in design, sustainability and cultural significance. Students will 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 as a field that transmits human feelings and stimulates five senses.

Course Code: INTA 514

Course Title: Service and UX Design **NQF Level:** 8

Explore the intersection of Service Design and User Experience (UX) Design. Analyze existing services, identify user needs, and co-create innovative solutions through a blend of theoretical frameworks and practical applications. Integrate methodologies from service and UX design to develop services that not only meet user needs but also elevate interactions and drive business success.

Course Code: INTA 515

Course Title: Marketing and Branding in Design
NQF Level: 8

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

Course Code: INTA 516

Course Title: Product Development and Design
NQF Level: 8

Introduce the principles and process of product design, focusing on user-centered design, ideation and prototyping. Engage in hands-on projects that integrate functionality, aesthetics and sustainability to develop sketching, 3D modelling and testing skills and create innovative solutions.

Course Code: INTA 523

Course Title: Interior Architectural Conservation
NQF Level: 8

Provide students with the theoretical knowledge and practical skills necessary for the conservation and adaptive reuse of interior spaces, with an emphasis on preserving cultural heritage while adapting spaces for contemporary use. It will explore principles of architectural conservation, sustainable design, and interior interventions in historic buildings, considering environmental, social, and functional aspects. Students will examine how conservation theories and experimental practices have shaped new approaches in interior architecture and identify strategies for preservation and adaptive reuse in general and specific to Bahrain's context.

Course Code: INTA 524

Course Title: Special Issues in Interior Architecture
NQF Level: 8

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.

Course Code: INTA 525

Course Title: Digital Design and Innovation
NQF Level: 8

Explore trendy digital design technologies to upgrade the visuals of interior and architectural spaces. Develop computer skills and apply creative vision to a wide range of digital experiences.

University Requirements Courses Descriptions

Course Code: ARAB 110

Course Title: Arabic Language Skills

NQF Level: 6

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: HIST 122

Course Title: Modern History of Bahrain and Citizenship
NQF Level: 6

Spatial identity of Bahrain: Brief history of Bahrain until the 18th century; the historical roots of the formation of the national identity of Bahrain since the 18th century; the modern state and evolution of constitutional life in Bahrain; the Arabic and Islamic dimensions of the identity of Bahrain; the core values of Bahrain's society and citizenship rights (legal, political, civil and economic); duties; responsibilities and community participation; economic change and development in Bahrain; Bahrain's Gulf, Arab and international relations.

Course Code: HRLC 107

Course Title: Human Rights Principles

NQF Level: 6

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: ISLM 101

Course Title: Islamic Culture

NQF Level: 6

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.

College Requirement Courses Descriptions

Course Code: ENGL 101 **Course Title:** Communication Skills **NQF Level:** 5

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: ENGL 242 **Course Title:** Report Writing and Presentation **NQF Level:** 7

This course offers theoretical and practical experience in technical report writing and presentation. It presents the steps involved in writing a report in detail and in presenting its findings. Presentation skills are also introduced. The emphasis throughout is upon tasks and assignments, the most important of which is the production of a full-length report and formally present it using power point.

Course Code: PHYCS 107 **Course Title:** General Physics I **NQF Level:** 5

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: MATHS 106 **Course Title:** Mathematics and Trigonometry **NQF Level:** 5

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.

Mapping Courses to PILOs:

Course Code	Course Title	Course Type	PILOs								
			1	2	3	4	5	6	7	8	9
INTA 101	Design Fundamentals I	MR				x	x	x		x	x
INTA 102	Design Communication I	MR		x		x					x
INTA 103	Design Fundamentals II	MR	x		x	x		x			
INTA 104	Design Communication II	MR		x					x		x
INTA 105	Design Visual Communication	MR		x		x		x			x
INTA 201	Interior Architecture Studio I	MR	x	x	x	x	x		x		
INTA211	History and Theory of Interior Architecture I	MR	x		x	x	x				
INTA 202	Building construction I	MR			x	x			x		
INTA 203	CAD Application	MR				x					
INTA 204	Human Behaviour Factors in Design	MR	x			x	x	x			
INTA 205	Interior Architecture Studio II	MR	x		x	x	x	x	x	x	x
INTA 206	Building Construction II	MR			x	x			x		
INTA 207	Digital Design Visualization	MR				x					
INTA224	Environmental Control Systems 1	MR						x	x		
INTA 301	Interior Architecture studio III	MR	x		x	x		x	x		
INTA 311	History of Islamic Interiors	MR	x						x		
INTA 302	Advanced Modelling and Visualisation	MR						x			
INTA 314	Environmental Control Systems II	MR			x	x		x			
INTA 316	Building Structure	MR			x	x			x		
INTA 303	Interior Architecture studio IV	MR	x		x	x		x	x		
INTA 325	Furniture Design	MR	x		x	x			x		
INTA 326	Production Drawing	MR				x	x			x	
INTA327	Design Thinking & Creativity	MR	x		x	x				x	

INTA 396	Training for Interior Architecture	MR		x						x	
INTA 401	Interior Architecture studio VI	MR	x	x	x	x		x		x	
INTA 402	Material and Quantity Surveying	MR				x		x	x		x
INTA 403	Interior Architecture studio VI	MR	x	x	x	x	x	x	x	x	x
INTA 421	Research Methods	MR	x	x	x	x	x			x	
INTA 404	Design, Culture and Environment	MR	x		x	x		x	x		
INTA 427	Sustainable Design and Technology	Elective	x			x		x		x	
INTA 428	Lighting Design	Elective	x	x	x	x		x	x		
INTA 429	Textiles and Printing in Design	Elective	x	x	x		x		x	x	x
INTA 501	Interior Architecture Studio VII	MR	x		x	x	x	x		x	x
INTA 511	Graduation: Programming Stage	MR	x	x	x	x					
INTA 512	Project Management	MR		x							x
INTA 514	Service and UX Design	Elective	x		x						
INTA 515	Marketing and Branding in Design	Elective	x	x	x						
INTA 516	Product Development and Design	Elective				x	x			x	
INTA 502	Graduation: Design Stage	MR	x	x	x	x	x	x	x	x	x
INTA 521	Entrepreneurship	MR	x		x	x					x
INTA 523	Interior Architectural Conservation	Elective	x	x	x	x	x			x	
INTA 524	Special Issues in Interior Architecture	Elective	x		x	x					
INTA 525	Digital Design and Innovation	Elective				x					