

**Study Plan of B. Sc. In Interior Design Engineering Programme**

Year	Semester	Code	Title	Pre-Req.	Cr.H	Semester	Code	Title	Pre-Req.	Cr.H		
		Year One	1st Semester	INDE111	Basic Design Studio		-	3	2nd Semester	ENGI172	Introduction to Engineering	-
		ENGI171	Building components and system	-	2		INDE131	Human Factors in Design	-	2		
		ENGI161	Engineering Mathematics I	-	2		ENGI163	Physics of Lighting & Acoustics	-	2		
		ENGI162	Material Physics and Properties	-	2		INDE122	Architectural Drawing and Drafting	INDE121	3		
		INDE121	Engineering Drawing	-	2		ENGI164	Engineering Mathematics II	ENGI161	2		
		ARB102	Arabic Language	-	3		INDE132	Design Research & Methods	-	2		
		ENGI118	English for Effective Communication	-	3		ENGI119	English for Technical Reporting	-	3		
		Total				17		Total				16
							s.s	SPAC141	Sport and Activities	-	2	
Year Two	3rd Semester	INDE211	Interior Design Engineering Studio I	INDE111+ INDE131	3	4th Semester	INDE212	Interior Design Engineering Studio II	INDE211	3		
		INDE231	Historical styles in Architecture & Design	-	2		ENGI272	Structural & Form Design for Interiors	ENGI162+ ENGI271	3		
		INDE221	Digital Drafting Media	INDE122	3		ENGI273	Thermal Comfort and Indoor Air Quality	ENGI261	3		
		ENGI261	Thermodynamic & Fluid Mechanics	ENGI161	3		ENGI274	Illumination and Acoustics Engineering Design	ENGI163	3		
		ENGI271	Interior Construction & Materials	ENGI171	3		INDE213	Color and Lighting Design	INDE111	2		
		ENGI20	Advanced English Skills	ENGI119	3		HST201	History and Culture of Bahrain	-	2		
	Total				17	Total				16		
							s.s	INDE241	Internship 1	Achieving 40% Cr.Hr	1	
Year Three	5th Semester	INDE311	Interior Design Engineering Studio III	INDE212+ ENGI271	4	6th Semester	INDE312	Interior Design Engineering Studio IV	INDE311+ ENGI272	4		
		INDE331	Modern & Contemporary Design	INDE231	2		ENGI373	Transportation within Interior Environments	ENGI272	2		
		ENGI371	Electrical System for Interiors	ENGI172	2		ENGI351	Sustainability Engineering and Design	ENGI273	3		
		ENGI372	Plumbing system and fixture	ENGI261	3		ENGI341	Engineering Economics and Management	ENGI164	2		
		INDE321	BIM for Interior Design Detailing	ENGI271	3		ENGI374	Interior Finishing, Furnishing & Accessories	ENGI271	2		
		SUS301	Sustainability	-	2		ADM301	Entrepreneurship and Innovation	-	2		
	Total				16	Total				15		
							s.s	INDE 341	Internship II	INDE241 Achieving 60% Cr.Hr	2	
Year Four	7th Semester	INDE411	Interior Design Engineering Studio V	INDE312+ENGI 351	4	8th Semester	INDE413	Interior Design Engineering Graduation Project	INDE412+ ENGI451	5		
		INDE421	BIM for Scheduling and Coordination	INDE321	3		INDE441	Professional Practice and ethics	INDE341	2		
		ENGI451	Building Codes and Regulations	ENGI171	2		ENGI471	Interiors Conservation and Rehabilitation	ENGI374	2		
		ENGI452	Smart and sustainable interiors	ENGI351	2		ENGI472	Manufacturing of Interior Detailing	ENGI341	3		
		INDE412	Product and Furniture Design	ENGI374	3		LAW453	Human rights	-	2		
		XXXX4XX	Elective I	According to the course	3		XXXX4XX	Elective II	According to the course	3		
	Total				17	Total				17		
					Total	Cr.H						136

electives	Elective Courses							
	Code	Title	Pre-Req.	Cr.H	Code	Title	Pre-Req.	Cr.H
	INDE 414	Design of Urban Furnishings	INDE212	3	ENGI473	Process and Technology for Manufactory Automation	INDE321	3
	INDE415	Design for Set and Media Production	INDE311+ ENGI274	3	ENGI474	Advanced Services Technology for Interiors	ENGI372	3
	INDE416	Marine and Yacht Interior Design	INDE311+ ENGI374	3	ENGI475	Light Frame Construction for Interiors	ENGI272	3
	INDE417	Advanced Healthcare Design	INDE312+ ENGI371+ ENGI372	3	INDE442	Scientificity and Journalism in Design	INDE132 + ENGI351	3