

**Bachelor of Engineering in Architectural Engineering  
Study plan 2020-2021  
First and Second Semester Modules**

level	Module title	Credits	Module title	Credits
S	Mathematics 1	10	Engineering Science 2	10
	Intermediate English	10	Computer Programming for Engineering	10
	Principles of Engineering	10	Mathematics 2	10
	Engineering Science 1	10	Constructing the Built Environment	10
	Laboratory and Workshop Skills	10	Study Skills and Professional Practice	10
Advanced English			10	
4	Engineering Practice and Design 1	10	Engineering Practice and Design 2	10
	Engineering Mathematics 1	10	Engineering Mathematics 2	10
	Architectural Engineering Design and Structures 1	10	Architectural Engineering Design and Structures 2	10
	Principles of Engineering Science 1	10	Principles of Engineering Science 2	10
	CAD Graphics	10	Building Technology	10
	Integrated Design and Construction	10	Building Environment Simulation and Analysis	10
5	Structural Design 1	10	Structural Design 2	10
	Advanced Engineering Mathematics	10	Building Information Modelling	10
	Geotechnics 1	10	Engineering Ethics	10
	Design Procedures for Architecture 1	10	Design Procedures for Architecture 2	10
	AutoCAD-3D	10	Architectural Engineering Field Studies	10
	Engineering Management and Economics	10		
5	<b>Summer Semester</b>		Internship	10
6	Project 1	10	Project 2	10
	Structural Design and Analysis 1	10	Structural Design and Analysis 2	10
	Engineering Research Methods	10	Geotechnics 2	10
	Energy Conservation in Buildings	10	Innovation, Enterprise and Management	10
	Thermodynamics for Buildings	10	Design project	20
	Forensic Engineering and Conservation	10		

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Summer Modules**

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**Module title**

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Human Rights

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History and Civilization of Bahrain

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Arabic Language / Arabic Language for Non-Arabic Speakers