

**BEng (Hons) Civil and Construction Engineering
Study plan 2018-2019
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 Design1	10	Engineering Practice and Design 2	10
	Engineering Mathematics 1	10	Engineering Mathematics 2	10
	Principles of Engineering Science 1	10	Principles of Engineering Science 2	10
	Surveying and Structures 1	10	Surveying and Structures 2	10
	Civil Engineering Drawing and Surveying	10	Engineering Ethics	10
	Structural Design	10	Soil Mechanics	10
5	Advanced Engineering Mathematics	10	Infrastructure and Highway Engineering	10
	Design and Construction 1	10	Internship	10
	Hydraulics	10	Design and Construction 2	10
	Structural Mechanics	10	Advanced Structural Analysis and Design	10
	Environmental Engineering	10	Theory of Structures	10
	Engineering Management and Economics	10	Civil Engineering and Construction Field Studies	10
6	Structural Design and Analysis 1	10	Current Topics in Civil and Construction Engineering	10
	Civil Engineering Materials	10	Geotechnical Engineering	10
	Foundations	10	Structural Design and Analysis 2	10
	Engineering System Design	10	Construction Management	10
	Engineering Research Methods	10	Project	20
	Innovation, Enterprise and Management	10		

**BEng (Hons) Civil and Construction Engineering
Study plan 2018-2019
Summer Modules**

Module title
Human Rights
History and Civilization of Bahrain
Arabic Language / Arabic Language for Non-Arabic Speakers