

- **Study Plan**

BEng (Hons) Architectural Engineering (ASU) Bridging Programme

HEC Compulsory Courses				
No.	Course Code	Course Title	Credit	Level
1	ASU_S_HUR	Human Rights	0	S
2	ASU_S_ALA ASU_S_ALN	Arabic Language or Arabic Language for Non-Arabic Speakers	0	S
3	ASU_S_BCH	Bahrain Civilization & History	0	S

Programme Study Plan				
No.	Course Code	Course Title	Credit	Level
Year 1 – First Semester				
1	ASU_5_SD1	Structural Design 1	10	5
2	ASU_5_AEM	Advanced Engineering Mathematics	10	5
3	ASU_5_GT1	Geotechnics 1	10	5
4	ASU_5_DA1	Design Procedures for Architecture 1	10	5
5	ASU_5_A3D	AutoCAD-3D	10	5
6	ASU_5_EME	Engineering Management and Economics	10	5
Year 1 – Second Semester				
1	ASU_5_SD2	Structural Design 2	10	5
2	ASU_5_BIM	Building Information Modelling	10	5
3	ASU_5_EET	Engineering Ethics	10	5
4	ASU_5_DA2	Design Procedures for Architecture 2	10	5
5	ASU_5_AFS	Architectural Engineering Field Studies	10	5
Year 1 – Summer Semester				
1	ASU_5_ITS	Internship	10	5
Year 2 – First Semester				
1	ASU_6_PR1	Project 1	10	6
2	ASU_6_SA1	Structural Design and Analysis 1	10	6
3	ASU_6_ERM	Engineering Research Methods	10	6
4	ASU_6_ECB	Energy Conservation in Buildings	10	6
5	ASU_6_TDB	Thermodynamics for Buildings	10	6
6	ASU_6_FEC	Forensic Engineering and Conservation	10	6
Year 2 – Second Semester				

1	ASU_6_PR2	Project 2	10	6
2	ASU_6_SA2	Structural Design and Analysis 2	10	6
3	ASU_6_GT2	Geotechnics 2	10	6
4	ASU_6_IEM	Innovation, Enterprise and Management	10	6
5	ASU_6_DPR	Design project	20	6

Year 1 – Summer Semester				
1	ASU_5_ITS	Internship	10	5