

- **Study Plan**

BEng (Hons) Civil 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_AEM	Advanced Engineering Mathematics	10	5
2	ASU_5_DC1	Design and Construction 1	10	5
3	ASU_5_HYD	Hydraulics	10	5
4	ASU_5_STM	Structural Mechanics	10	5
5	ASU_5_EEG	Environmental Engineering	10	5
6	ASU_5_EME	Engineering Management and Economics	10	5
Year 1 – Second Semester				
1	ASU_5_IHE	Infrastructure and Highway Engineering	10	5
2	ASU_5_DC2	Design and Construction 2	10	5
3	ASU_5_ASD	Advanced Structural Analysis and Design	10	5
4	ASU_5_THS	Theory of Structures	10	5
5	ASU_5_CCF	Civil Engineering and Construction Field Studies	10	5
Year 1 – Summer Semester				
1	ASU_5_ITS	Internship	10	5
Year 2 – First Semester				
1	ASU_6_SA1	Structural Design and Analysis 1	10	6
2	ASU_6_CEM	Civil Engineering Materials	10	6
3	ASU_6_FDS	Foundations	10	6
4	ASU_6_ESD	Engineering System Design	10	6
5	ASU_6_ERM	Engineering Research Methods	10	6
6	ASU_6_IEM	Innovation, Enterprise and Management	10	6

Year 2 – Second Semester				
1	ASU_6_CTC	Current Topics in Civil and Construction Engineering	10	6
2	ASU_6_GTE	Geotechnical Engineering	10	6
3	ASU_6_SA2	Structural Design and Analysis 2	10	6
4	ASU_6_CMG	Construction Management	10	6
5	ASU_6_PRJ	Project	20	6