

Curriculum of Civil Engineering

(Bachelor Degree)

First Semester			
No	Course Title	Course Code	Credit
1	Islamic Faith	SL-IC 0171	2
2	Tajwid	SL-IC 0172	1
3	Afghanistan History	HIST0102	1
4	General English	ENGL0103	3
5	Calculus I	MATH0104	4
6	Chemistry I	CHEM0105	4
7	Fundamentals of Engineering	ENCE0106	3
8	Technical Drawing	ENCE0107	3
Total			21

Second Semester			
No	Course Title	Course Code	Credit
1	Islamic Faith	SL-IC 0273	2
2	Serat	SL-IC 0274	2
3	Technical English I	ENGL 0203	3
4	Calculus II	MATH 0204	4
5	Physics I	PHYS 0208	4
6	Technical Drawing II	ENCE 0207	3
7	Computer Programing	ENCE 0209	3
Total			21

Third Semester			
No	Course Title	Course Code	Credit
1	Islam Ethical System	SL-IC 0375	2
2	Islam Social System	SL-IC 0376	2
3	Technical English II	ENGL 0303	2
4	Calculus III	MATH 0304	3
5	Physics II	PHYS 0308	3
6	Statics	ENCE 0310	4
7	Survey I	ENCE 0311	3
8	Fundamentals of Environmental Engineering	ENCE 0312	2
Total			21

Fourth Semester			
No	Course Title	Course Code	Credit
1	Cerebral Knowledge (دانشایی فکری)	SL-IC 0477	2
2	Religions (ادیان و مذاهب)	SL-IC 0478	1
3	Survey II	ENCE 0411	3
4	Differential Equations	MATH 0404	4
5	Dynamics	ENCE 0412	3
6	Strength of Materials	ENCE 0413	4
7	Engineering Geology	ENCE 0414	3
Total			21

Fifth Semester			
No	Course Title	Course Code	Credit
1	Islam political System	SL-IC 0579	2
2	Islam Administrative System	SL-IC 0580	2
3	Construction methods and Materials	ENCE 0516	3
4	Structure Analysis I	ENCE 0517	3
5	Hydrology	ENCE 0518	3
6	Statistics	ENCE 0519	2
7	Fluid Mechanics	ENCE 0520	4
8	Cricut Analysis	ENEE 0521	3
Total			21

Sixth Semester			
No	Course Title	Course Code	Credit
1	Islam Economical System	SL-IC 0681	2
2	Structure Analysis II	ENCE 0617	4
3	Concrete I	ENCE 0622	4
4	Hydraulics	ENCE 0623	4
5	Transportation Engineering	ENCE 0624	3
6	Soil Mechanics	ENCE 0625	3
7	Seminar 1 (Research Methodology)	ENCE 0626	2
Total			21

Seventh Semester			
No	Course Title	Course Code	Credit
1	Quran and Recent Studies	SL-IC 0782	2
2	Concrete II	ENCE 0722	4
3	Water Supply	ENCE 0727	3
4	Seminar II	ENCE 0726	2
5	Selective I (Professional)	ENCE 0728	3
6	Road Engineering	ENCE 0729	3
7	Design of Steel Structures	ENCE 0730	3
Total			21
Selective I (Professional)	Irrigation Engineering	ENCE 0728	3
	Hydraulics Structures	ENCE 0728	3

Eight Semester			
No	Course Title	Course Code	Credit
1	Islamic Culture/ Civilization	SL-SC 0883	2
2	Waste Water Engineering	ENCE 0831	3
3	Project Design	ENCE 0832	3
4	Foundation Engineering	ENCE 0833	4
5	Selective II (Professional)	ENCE 0834	3
6	Selective (Un-Professional)	ENCE 0835	3
7	Design of Steel Structures	ENCE 0836	3
Total			21
Selective II (Professional)	Earth Quack Engineering	ENCE 0834	3
	Airport Design	ENCE 0834	3
Selective (Un-Professional)	Estimation and Costing	ENCE 0835	3
	GIS	ENCE 0835	3