

Curriculum of Water Resources and Environmental Engineering

B.Sc Water Resources and Environmental Engineering

First Semester			
S. No	Subject	Code	Credits
1	Ethical System of Islam	SL-IC0271	2
2	Tajweed	SL-IC0272	1
3	Contemporary History	EN. WEE0102	1
4	English	EN. WEE0103	2
5	Computer	EN. WEE0104	3
6	Calculus1	EN. WEE0105	3
7	Introduction to Engineering	EN. WEE0106	2
8	Engineering Graphics 1	EN. WEE0107	4
9	Engineering Chemistry	EN. WEE0108	2
Total Credits			20

Second Semester			
S. No	Subject	Code	Credits
1	Worship System of Islam	SL-IC0273	2
2	2	SL-IC0274	2
3	Computer Programming	EN. WEE0204	2
4	Calculus 2	EN. WEE0205	3
5	Environmental Engineering and Biology	EN. WEE0208	3
6	Engineering Graphics 2	EN. WEE0207	4
7	English2	EN. WEE0203	2
8	Physics 1	EN. WEE0209	3
Total Credits			21

Third Semester			
S. No	Subject	Code	Credits
1	Social System of Islam	SL-IC0375	2
2	Ethical System of Islam	SL-IC0376	2
3	Calculus 3	EN. WEE0305	3
4	Physics 2	EN. WEE0309	2
5	Engineering Mechanics	EN. WEE03010	3
6	Engineering Survey 1	EN. WEE03011	2
7	English 3	EN. WEE0303	2
8	Construction Material and Methods	EN. WEE03012	2
9	Environmental Studies	EN. WEE03013	3
Total Credits			21

Fourth Semester			
S. No	Subject	Code	Credits
1	Ideological Studies	SL-IC0477	2
2	Religions and Sects	SL-IC0478	1
3	Calculus 4	EN. WEE0405	3
4	Fluid Mechanics	EN. WEE0418	3
5	Structural Analysis	EN. WEE0414	2
6	Engineering Survey 2	EN. WEE0411	2
7	Soil Mechanics	EN. WEE0415	3
8	Strength of Materials	EN. WEE0416	3
9	Engineering Geology and Geomorphology	EN. WEE0417	2
Total Credits			21

Fifth Semester			
S. No	Subject	Code	Credits
1	Political System of Islam	SL-IC0579	2
2	Administrative System of Islam	SL-IC0580	2
3	Engineering Hydraulics	EN. WEE05024	3
4	Hydrology	EN. WEE0519	3
5	Concrete Design	EN. WEE0520	3
6	Numerical Method	EN. WEE0521	2
7	EIA	EN. WEE0522	3
8	Water Supply	EN. WEE0523	3
Total Credits			21

Sixth Semester			
S. No	Subject	Code	Credits
1	Economics System of Islam	SL-IC0681	2
2	Research Methodology	EN. WEE0631	2
3	Waste Water Engineering	EN. WEE0625	3
4	Ground Water Hydrology	EN. WEE0626	3
5	GIS	EN. WEE0627	3
6	Solid Waste Managent	EN. WEE0628	3
7	Engineering Economics	EN. WEE0629	2
8	River Engineering	EN. WEE0630	3
Total Credits			21

Seventh Semester			
S. No	Subject	Code	Credits
1	Quran and Contemporary Science	SL-IC0782	2
2	Irrigation Engineering	EN. WEE0745	3
3	Urban Drainage	EN. WEE0732	3
4	Water Resources Engineering	EN. WEE0733	4
5	Air Quality Management	EN. WEE0734	3
6	Seminar 1	EN. WEE0735	3
7	Elective 1	EN. WEE0736/737	2
Total Credits			

Eight Semester			
S. No	Subject	Code	Credits
1	Islamic Civilization	SL-IC0883	2
2	Environmental Health and Sanitation	EN. WEE0844	3
3	Hydraulic Structures	EN. WEE0839	3
4	Project Management	EN. WEE0840	2
5	Water Resources Planning and Management	EN. WEE0838	3
6	Seminar 2	EN. WEE0831	6
7	Elective 2	EN. WEE0842/843	2
Total Credits			21