Campus:	Main campus
Faculty:	Faculty of Earth Sciences and Engineering
Department:	Geological ngineering Department
OBE coordinator	Maryum Zameer Khan

Noe: Mapping can be done by matching the keywords or statement parts of each CLO (o
for more details. In following table, we only need Course-SDGs mapping for all the cours

Courses and SDGs mapping

Sr #	Code	Course	SDG 1 No Poverty	SDG 2 Zero Hunger	SDG 3 Good Health and Well-being	SDG 4 Quality Education	SDG 5 Gender Equality	SDG 6 Clean Water and Sanitation	SDG 7 Affordable and Clean Energy	SDG 8 Decent Work and Economic Growth	SDG 9 Industry, Innovation and Infrastructure	SDG 10 Reduced Inequality	SDG 11 Sustainable Cities and Communities
1	EE-199	Basic Electrical and Electronics Engineering				Yes					Yes		
2	MA-113	Calculus and Analytical Geometry				Yes					Yes		
3	CY-143	Physical and Industrial Chemistry				Yes					Yes		
4	Geo-E-122L	Engineering Drawing and Graphics				Yes					Yes		
5	Geo-E-110	Physical Geology				Yes							
6	QT-101	Translation of the Holy Quran-I				Yes				Yes		Yes	
7	PHY-117	Applied Physics				Yes					Yes		
8	MA-116	Linear Algebra and Differential Equations				Yes					Yes		
9	Geo-E-120	Structural Geology and Stratigraphy				Yes					Yes		
10	CS-103	Introduction to Computer Programming for Data Science				Yes					Yes		
11	HU-111	Communication Skills				Yes				Yes			
12	ME-100L	Workshop Practice				Yes					Yes		
13	IS -101	Islamic and Pakistan Studies-I				Yes				Yes		Yes	
14	Geo-E-121	Occupational Health and Safety			Yes	Yes		Yes			Yes		Yes
15	HU-221	Technical Writing and Presentation Skills				Yes							
16	MA-235	Engineering Mechanics				Yes					Yes		

No	Code	Title											
17	MA-242	Engineering Statistics				Yes					Yes		
18	ME-238	Thermodynamics				Yes					Yes		
19	Geo-E-230	Mineralogy and Petrology				Yes			Yes	Yes	Yes		
20	IS -201	Islamic and Pakistan Studies-II				Yes				Yes		Yes	
21	MA-240	Numerical Analysis				Yes				Yes			
22	Min -E-240	Surveying				Yes					Yes		
23	ME-220	Mechanics of Materials				Yes					Yes		
24	CE-231	Fluid Mechanics-I				Yes						Yes	
25	QT-201	Translation of the Holy Quran-II				Yes				Yes		Yes	
26	Geo-E-350	Engineering Geology				Yes				Yes	Yes		
27	Geo-E-351	Geotechnical Engineering I				Yes				Yes			Yes
28	Geo-E-352	Petroleum Geology				Yes			Yes	Yes			
29	Geo-E-353	Introduction to GIS/RS				Yes				Yes	Yes		
30	Geo-E-354	Hydrogeology				Yes		Yes		Yes	Yes		Yes
31	Min-E-350	Rock Mechanics				Yes				Yes	Yes		Yes
32	Geo-E-362	Earthquake Seismology and Risk Assessment				Yes				Yes	Yes		
33	Geo-E-363	Explosive Engineering and Construction Blasting				Yes				Yes	Yes		
34	Geo-E-364	Introduction to Geophysical Exploration Techniques				Yes		Yes					Yes
35	QT-301	Translation of the Holy Quran-III				Yes				Yes		Yes	
36	MGT-317	Project Management in Engineering				Yes					Yes		
37	MGT-319	Entrepreneurship for Engineers	Yes	Yes		Yes							
38	Geo-E-xxx	Major Elective I			Yes	Yes		Yes	Yes	Yes	Yes		Yes
39	Geo-E-xxx	Major Elective II				Yes		Yes		Yes			Yes
40	Geo-E-477	Drilling Engineering				Yes		Yes	Yes	Yes			

#	Code	Name											
41	Min-E-470	Tunneling and Excavation Engineering				Yes				Yes	Yes		Yes
42	Geo-E-475	Senior Design Project I				Yes			Yes	Yes	Yes		Yes
43	Geo-E-482	Environmental Geological Engineering				Yes							
44	Geo-E-xxx	Major Elective-III				Yes			Yes	Yes	Yes		Yes
45	Geo-E-xxx	Major Elective-IV				Yes			Yes	Yes			Yes
46	Geo-E-485	Senior Design Project II				Yes			Yes	Yes	Yes		Yes
47	QT-401	Translation of the Holy Quran-IV				Yes				Yes		Yes	
48	CS-462	Data Mining				Yes					Yes		
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r course discription) with SDGs. Please see the additional sheets
es.

SDG 12 Responsible Consumption and Production	SDG 13 Climate Action	SDG 14 Life Below Water	SDG 15 Life on Land	SDG 16 Peace & Justice Strong Institutions	SDG 17 Partnerships to achieve SDGs
Yes					
				Yes	
Yes					
Yes					
				Yes	
Yes					Yes
					Yes

				Yes	
Yes					
				Yes	
	Yes		Yes		
			Yes		
Yes					
Yes					
Yes	Yes		Yes		
	Yes		Yes		
Yes					
Yes					
	Yes		Yes		
				Yes	
	Yes				
Yes	Yes				
Yes					

Yes					Yes
Yes					Yes
	Yes		Yes		
	Yes				
	Yes			Yes	
Yes					Yes
				Yes	
Yes					