

Environmental Health (B.Sc.)

Title of the Course:

Environmental Health

Admission Procedure:

Admission Via Iranian University Entrance Exam (Konkour)

Maximum Score in the Class

20

The Average of Teaching Hours in a Week

20 Hours

Health Examination

Health Examination is Performed

Academic Level

Bachelor of Sciences

Which institute awards the certificate?

Kurdistan University of Medical Sciences

Course Duration

6 years

Educational Administrators

Mehran Barsan

First Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
1	Mathematics (1)	57100	4	–	4	
2	General Physics	57101	2	1	3	
3	General Chemistry	57102	2	1	3	
	English Language	99123	3	–	3	
	Family Knowledge	99129	2	–	2	
	Islamic Thought (1)	99133	2	–	2	
	Physical Education (1)	99108	–	1	1	
Total	18					

Second Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
	Mathematics (2)	57103	3	–	3	57100
5	Hydrology	57104	2	–	2	
6	Principles of Epidemiology	57105	2	–	2	
7	Mapping	57106	1	1	2	
8	Biostatistics	57107	2	–	2	
9	Computer and its Application	57108	1	1	2	
10	Pathobiology	57109	1	1	2	
	Islamic Though (2)	99134	2	–	2	
	Physical Education (2)	99115	–	1	1	
Total	18					

Third Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
11	Differential Equation	57110	3	–	3	57103

12	Food Hygiene	57111	1	1	2	57105 57109
13	Specialized Language	57112	2	–	2	–
14	Radiation Health and Protection	57113	1	1	2	57101
15	Environmental Chemistry	57114	1	1	2	57102
16	Graphics and Mapping	57115	1	1	2	57104 57108
17	Disinfectants	57116	1	–	1	57101 57102 57109
18	Environmental Microbiology	57117	1	1	2	57109
	Islamic Revolution	99118	2	–	2	
Total	18					

Fourth Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
19	Statics and Strength of Materials	57118	3	–	3	57100 57103 57110
20	Principles of Thermodynamics and Heat	57119	2	–	2	57100 57103 57110

21	Urban and Industrial Solid Waste Material	57120	2	1	3	۵۷۱.۵ ۵۷۱.۹
22	Process and Operation of Environmental Health	57121	2	–	2	۵۷۱.۱ ۵۷۱.۲ ۵۷۱۱۴ ۵۷۱۱۷
23	Fluid Mechanics	57122	2	–	2	۵۷۱.۰ ۵۷۱.۱ ۵۷۱.۳ ۵۷۱۱.۰
	Persian Literature	99122	3	–	3	
	Islamic Ethics	99111	2	–	2	
Total	17					

Fifth Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
24	Water Treatment	57123	2	–	2	57۱۱۴ 57۱۱۷ 57۱۲۱
25	Hydraulics	57124	2	–	2	57122
26	Environmental Regulations	57125	1	–	1	–
27	Soil Mechanics	57126	2	–	2	57118

28	Urban Wastewater Treatment	57127	2	–	2	57114 57117 57121
29	General Safety and Professional Health	57128	2	–	2	57101 57102
30	Principles of Management and Health Services	57129	1	–	1	–
31	Management of Environmental Health in Emergencies	57130	1	–	1	–
	History of Islam	99116	2	–	2	–
Total	15					

Sixth Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
32	Air Pollution	57131	2	1	3	57119 57122
33	Water Transfer and	57132	1	1	2	57124 57122

	Distribution Systems					
34	Wastewater Collection Systems	57133	1	1	2	57124 57122
35	Methods of Fighting against Carriers	57134	2	–	2	57109 57124
36	Safety of the Use of Chemicals and Toxins	57135	1	–	1	57102 57114
37	Health Housing	57136	1	–	1	57101 57102
38	Engineering Economy	57137	2	–	2	
	Islamic Texts	99135	2	–	2	
	Islamic Culture and Civilization	99139	2	–	2	
Total	17					

Seventh Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
39	Application of Pump Engine	57138	1	–	1	57115 57132 57133
40	Industrial Wastewater Treatment	57139	2	–	2	57114 57117 57121 57127
41	Utilization of Water Installation	57140	2	–	2	57127 57123 57122 57123
42	Management of Water Quality	57141	–	2	2	57104 57114 57117
43	Application of Biotechnology	57142	1	–	1	57114 57117
44	General Toxicology	57143	2	–	2	57102 57114 57128 57130
45	Familiarity with Modeling in Environmental Health Systems	57144	2	–	2	

46	Project	57146	–	1	1	
Total	13					

Eighth Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
46	Internship in the Field	57145	–	16	16	–

Total Core Credits: 132