

Code	Name	Number of credits			Number of educational hours			Concurrent/ prerequisite
		Total	Theoretical	Practical/workshop	Theoretical	Practical/workshop	Total	
01	General math 1	3	3	-	51	-	51	-
02	General math 2	3	3	-	51	-	51	General math 1
03	Differential Equations	3	3	-	51	51	51	General math 2
04	Computer and its application	2	1.5	.5 workshop	26	25 h workshop	51	-
05	General physics	3	2	1 workshop	34	51 h workshop	85	-
06	General chemistry	3	2	1	34	34	68	-
07	General Microbiology	2	1	1	17	34	51	-
08	Principles of Epidemiology	2	2	-	34	-	34	-
09	Mapping	2	-	2 workshop	-	102 workshop	102	01, 04
10	Biostatistics	2	1.5	.5	26	17	43	General math 2
11	Statics and strength of materials	2	2	-	34	-	34	03
12	Health education and health promotion	1	1	-	17	-	17	-
13	Principles of thermodynamics and heat transfer	2	2	-	34	-	34	03, 05
14	Environmental ecology	2	2	-	34	-	34	07, 06, 05
15	Principles of Health Service Management	1	1	-	17	-	17	12
16	Surface and groundwater hydrology	2	2	-	34	-	34	14
17	Medical information systems	1	.5	.5	9	17h	26	04

18	Environmental microbiology	2	1	1	17	34	51	07
19	Environmental chemistry	2	1	1	17	34	51	06
20	Processes and operations in environmental health	2	2	-	34	-	34	05, 18, 19
21	Fluid Mechanics	2	2	-	34	-	34	01, 05
22	Hydraulic laboratory	1	-	1 workshop	-	51 h workshop	51	21
23	Urban facilities workshops	2	-	2	-	102	102	21
24	Sewage collection and surface water	2	1.5	.5 workshop	26	25 h workshop	51	22, 23
25	Wastewater treatment	3	3	-	51	-	51	20, 24
26	Water transfer and distribution	2	1.5	.5 workshop	26	25 h workshop	51	22, 23
27	water refinery	2	2	-	34	-	34	20, 26
28	Water quality management (causes, effects and control)	2	2	-	34	-	34	20, 14, 16
29	General waste	3	2	1 workshop	34	51 h workshop	85	14, 20
30	Air pollution (causes, effects, monitoring and control)	3	2	1	34	34	68	14, 13, 20, 21
31	Engineering Economics	2	2	-	34	-	33	-
32	Specialized language of environmental health	2	2	-	34	-	34	20
33	Radiation hygiene and protection	2	1.5	.5 workshop	26	25 h workshop	51	05
34	Application of disinfectants and cleaners in environmental health	2	1.5	.5	26	17	43	05, 06, 07

35	Environmental health management in emergencies	1.5	1.5	-	26	-	26	34, 27, 25, 29, 30
36	Housing health and public places	1.5	1.5	-	26	-	26	34, 27, 25, 29, 30
37	Hygienic control of food preparation, distribution and storage facilities	2	1.5	.5 workshop	26	25 workshop	51	08, 19, 18
38	School's health	1	1	-	17	-	17	15
39	Occupational health and safety	2	2	-	34	-	34	05, 06
40	Environmental Health Management to Combat Carriers	1.5	1.5	-	26	-	26	22
41	Hospital environmental health and infection control	2	2	-	34	-	34	34
42	Environmental Health Laws (National and International)	1	1	-	17	-	17	27, 25, 29, 30
43	Principles of research methodology	1	.5	9	17	26	10, 17	
44	Project	2	-	2 workshop	-	102 workshop	102	43 compulsory , at least 70 credits out of 87 basic and core
45	Professional ethics in environmental health	1	1	-	17	-	17	-
46	Water safety for drinking water supply systems	2	2	-	34	-	34	27, 28

47	New energies, application and development	2	2	-	34	-	34	05, 06
48	Biotechnology in Environmental Health	1	1	-	17	-	17	20
49	Noise	1	1	-	17	-	17	30
50	Principles and generalities of environmental assessment	1	1	-	17	-	17	30, 29, 27, 25, 28
51	Fundamentals and concepts of modeling in environmental health	2	1.5	.5	26	17	43	03
52	Internship	16	-	16	-	816	816	All lessons