



Kashan University of Medical Sciences

The Curriculum of the MSc in Environmental Health Engineering

Semester: 1

CourseCode / Lesson No.	Course Title	Course Type			Credits				Prerequisite
		Core	Major	Complementary	Theoretical	Practical	Practicum	Total	
1731101	Specialized English			*	3	-	-	3	-
1731102	Research Methods in Health Sciences			*	2	-	-	2	-
1731103	Medical Information System			*	0.5	0.5	-	1	-
1731104	Water Resources Development Management		*		2	-	-	2	Principles of Hydrology and Hydrogeology
1731125	Global air pollution effects		*		2	-	-	2	-
1731106	Application of advanced laboratory methods for pollutants analysis		*		1	1	-	2	-
Total Credits of the Semester									

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Semester: 2

Course Code / Lesson No.	Course Title	Course Type			Credits				Prerequisite
		Core	Major	Complementary	Theoretical	Practical	Practicum	Total	
1731107	Environmental Ecology			*	1	-	-	1	-
1731108	Water treatment plant design		*		2	-	-	2	-
1731109	Wastewater management in small communities		*		2	-	-	2	-
1731117	Project		*		2	-	-	2	-
1731111	Solids waste management		*		2	-	-	2	-
1731112	Environmental Impact Assessment		*		2	-	-	2	-
Total Credits of the Semester									

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Semester: 3

Course Code / Lesson No.	Course Title	Course Type			Credits				Prerequisite
		Core	Major	Complementary	Theoretical	Practical	Practicum	Total	
1731113	Wastewater treatment plant design		*		2	-	-	2	Industrial wastewater treatment
1731114	Environmental Toxicology		*		2	-	-	2	-
1731115	Training in Fields		*		-	-	2	2	-
1731116	Industrial Wastewater management		*		2	-	-	2	Industrial wastewater treatment
1731110	Air pollution control		*		-	2	-	2	-
Total Credits of the Semester									

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Semester: 4

Course Code / Lesson No.	Course Title	Course Type			Credits				Prerequisite
		Core	Major	Complementary	Theoretical	Practical	Practicum	Total	
1731118	Dissertation		*		-	6	-	6	All courses
Total Credits of the Semester									