

## **Occupational Health (Bachelor of Sciences)**

**Title of the Course:**

**Occupational 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

## Occupational Health (Bachelor of Sciences)

### First Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
01	Solid Mechanics	58100	2	–	2	
04	General Chemistry	58101	2	–	2	
07	General Mathematics (1)	58102	2	–	2	
09	Physiology and Anatomy	58103	3	–	3	

<b>06</b>	<b>Biochemistry and Principles of Nutrition</b>	<b>58104</b>	<b>2</b>	<b>–</b>	<b>2</b>	
<b>02</b>	<b>Specialized Physics (1)</b>	<b>54105</b>	<b>2</b>	<b>–</b>	<b>2</b>	
	<b>Physical Education (1)</b>	<b>99108</b>	<b>–</b>	<b>1</b>	<b>1</b>	
	<b>Persian Literature</b>	<b>99122</b>	<b>3</b>	<b>–</b>	<b>3</b>	
	<b>Islamic Thought (1)</b>	<b>99133</b>	<b>2</b>	<b>–</b>	<b>2</b>	
<b>Total</b>	<b>19</b>					

### Second Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
<b>02</b>	<b>Specialized Physics (2)</b>	<b>58113</b>	<b>2</b>	<b>–</b>	<b>2</b>	
<b>08</b>	<b>Mathematics (2)</b>	<b>58106</b>	<b>3</b>	<b>–</b>	<b>3</b>	<b>07</b>
<b>10</b>	<b>First Aids</b>	<b>58111</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>09</b>
<b>06</b>	<b>Analytical Chemistry</b>	<b>58107</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>04</b>
<b>12</b>	<b>Computer Programming</b>	<b>58108</b>	<b>1</b>	<b>1</b>	<b>2</b>	
<b>17</b>	<b>Familiarity with Industry</b>	<b>58109</b>	<b>1</b>	<b>1</b>	<b>2</b>	

	<b>and Industrial Technology</b>					
	<b>Islamic Thought (2)</b>	<b>99134</b>	<b>2</b>	<b>–</b>	<b>2</b>	
	<b>General English</b>	<b>99123</b>	<b>3</b>	<b>–</b>	<b>3</b>	
<b>Total</b>						

### Third Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
<b>11</b>	<b>Biostatistics</b>	<b>58112</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>–</b>
<b>22</b>	<b>Gas Dynamics and Atrocells</b>	<b>58114</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>–</b>
<b>14</b>	<b>Industrial Management</b>	<b>58116</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>–</b>
<b>28</b>	<b>Generalities about Environment</b>	<b>58127</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>–</b>
<b>27</b>	<b>Light in Workplace</b>	<b>58132</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>02-03</b>
	<b>Family Knowledge</b>	<b>99129</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>–</b>
	<b>History and Culture of</b>	<b>99139</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>–</b>

	<b>Islam and Iran</b>					
<b>Total</b>	<b>15</b>					

#### Fourth Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
15	Industrial Psychology	58110	2	–	2	–
27	Safety in the Workplace (1)	58115	2	1	3	17
34	Specialized Language	58120	2	–	2	–
16	Fluid Mechanics	58121	3	–	3	–
23	Principles of Air Pollutants Sampling	58123	2	1	3	–
	History of Islam	99116	2	–	2	–
	Physical Education (2)	99115	–	1	1	–
<b>Total</b>	<b>16</b>					

#### Fifth Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
13	Industry Mapping	58117	1	1	2	
28	Safety in the Workplace (2)	58118	2	1	3	17
37	Epidemiology of Occupational Disease	58134	2	–	2	
31	Human-Factors Engineering (1)	58119	2	–	2	09
20	Thermal Stress in the Workplace	58130	1.5	0.5	2	01-03
24	Analysis and Evaluation of Air Samples	58128	2	1	3	23
	Islamic Revolution	99118	2	–	2	
<b>Total</b>	<b>161</b>					

### Sixth Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	

<b>29</b>	<b>Safety in the Workplace (3)</b>	<b>58124</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>17</b>
<b>33</b>	<b>Occupational Toxicology</b>	<b>58126</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>04 - 05</b>
<b>22</b>	<b>Human-Factors Engineering (2)</b>	<b>58133</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>31</b>
<b>26</b>	<b>Integrated Management System</b>	<b>58137</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>–</b>
<b>25</b>	<b>Principles of Air Pollution Control</b>	<b>58129</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>24</b>
	<b>Islamic Ethics</b>	<b>99111</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>–</b>
<b>Total</b>	<b>16</b>					

### Seventh Semester

Code of the Course	Name of the Course	Number of the Course	Credits			Prerequisite or Concurrent
			Theoretical	Practical	Total	
<b>19</b>	<b>Noise and Vibration in the Workplace</b>	<b>58123</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>02 – 03</b>
<b>21</b>	<b>Radiation Health</b>	<b>58131</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>02 – 03</b>

<b>35</b>	<b>Occupational Diseases</b>	<b>58125</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>09</b>
<b>30</b>	<b>Evaluation of Risk Management</b>	<b>58135</b>	<b>2</b>	<b>–</b>	<b>2</b>	<b>27- 28- 29</b>
<b>26</b>	<b>Designing Industrial Ventilation</b>	<b>58136</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>16 - 25</b>
	<b>Islamic Texts</b>	<b>99135</b>	<b>2</b>	<b>–</b>	<b>2</b>	
<b>Total</b>	<b>15</b>					

### **Eights Semester**

<b>Code of the Course</b>	<b>Name of the Course</b>	<b>Number of the Course</b>	<b>Credits</b>			<b>Prerequisite or Concurrent</b>
			<b>Theoretical</b>	<b>Practical</b>	<b>Total</b>	
	<b>Internship in the Field (1)</b>	<b>58138</b>	<b>–</b>	<b>8</b>	<b>8</b>	<b>–</b>
	<b>Internship in the Field (2)</b>	<b>58139</b>	<b>–</b>	<b>8</b>	<b>8</b>	<b>–</b>
<b>Total</b>	<b>16</b>					

**Total Core Credits: 132**