

Occupational Health and Safety (Curriculum), Bachelor's Degree

General Courses:

Course Title	Unit(s)
Two Courses of the Islamic Theoretical Principles*	4
One Course of the Islamic Ethics*	2
One Course of the Islamic Revolution*	2
One Course of the Islamic Civilization & History*	2
One Course of the Basic Islamic Sources*	2
Persian Literature	3
General English	3
Physical Training (1)	1
Physical Training (2)	1
Family Planning	2
Islamic and Iranian Civilization and Culture	2
Computer	2
Total	24

*: Passing these courses should be in accord with the following table.

	Course	Title	Unit(s)
Islamic General Courses	Islamic Theoretical Principles	Islamic Thoughts (1)	2
		Islamic Thoughts (2)	2
		Man in Islam	2
		Social & Political Rights in Islam	2
	Islamic Ethics	Philosophy of Ethics	2
		Islamic Ethics (Basics & concepts)	2
		Life Principles (Practical Ethics)	2
		Islamic Practical Mysticism	2
	Islamic Revolution	Iran's Islamic Revolution	2
		Constitution of the Islamic Republic of Iran	2
		Imam Khomeini's Political Thoughts	2
	Islamic Civilization & History	The History of Islamic Civilization & Culture	2
		Analytic History of Islam	2
		The History of Imamah (Shi'ite Leadership)	2
	Basic Islamic Sources	The Interpretation of The Quran	2
		The Interpretation of Nahj al-Balagha	2
	Total		12

Basic & Specific Courses in Occupational Health and Safety:

Course Title	Unit(s)
1. Solid Mechanics	2
2. Specialized Physics (1)	2
3. Specialized Physics (2)	2
4. General Chemistry (Mineral and Organic)	2
5. Biochemistry and Principles of Nutrition	2
6. Analytical Chemistry	3
7. General Mathematics 1	2
8. General Mathematics 2	3
9. Physiology and Anatomy	3
10. First Aid	2
11. Biostatistics	3
12. Computer Programming	2
13. Industrial Drawing	2
14. Industrial Management	2
15. Industrial Psychology and Health Promotion	2
16. Fluid Mechanics	3
17. Understanding Industries and Industrial Techniques	2
18. Lighting in the Workplace	2
19. Sound and Vibration in the Work Environment	3
20. Thermal Stress in the Workplace	2
21. Radiations Health	3
22. Dynamics of Gases and Aerosols	2
23. Basics of Sampling Air Pollutants	3
24. Analysis and Evaluation of Air Samples	3
25. Basics of Air Pollution Control	2
26. Industrial Ventilation Design	3
27. Safety at Work 1	3
28. Safety at Work 2	3
29. Safety at Work 3	3
30. Risk Assessment and Management	2
31. Engineering Human Factors 1	2
32. Engineering of Human Factors 2	3
33. Occupational Toxicology	4
34. Technical Language	2
35. Occupational Diseases	2
36. Integrated Management Systems	2
37. Epidemic of Occupational Diseases	2
38. The General Environment	2
Total	92

Apprenticeship:

Title	Units
1. Apprenticeship in the field 1	8
2. Apprenticeship in the field 2	8
Total	16