

Lab. Sciences (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:

Course Title	Unit(s)
1. General Physics	2
2. Physics (Lab)	1
3. General Chemistry	2
4. General Chemistry (Lab)	1
5. General Biochemistry	3
6. General Biochemistry (Lab)	1
7. Molecular and Cellular Biology	3
8. Theoretical Anatomy	2
9. Practical Anatomy	1
10. Theoretical Physiology	2
11. Physiology (Lab)	1
12. Biostatistics	2
13. Theoretical Histology	1
14. Histology (Lab)	1
15. Public Health and Epidemiology	2
16. General Psychology	2
17. Computer	2
18. Biostatistics	2
19. Medical Biochemistry (1)	3
20. Medical Biochemistry (1) (Lab)	1
21. General Microbiology	2
22. General Microbiology (Lab)	1
23. Parasitology 1 (Worms)	2
24. Parasitology 1 (Lab)	1
25. Medical Immunology	3
26. Medical Immunology (Lab)	2
27. Medical Virology	2
28. Medical Virology (Lab)	1
29. Parasitology 2	2
30. Parasitology (Lab)	1
31. General Pathology	2
32. General Pathology (Lab)	1
33. Medical Biochemistry 2	2
34. Medical Biochemistry 2 (Lab)	1
35. Pharmacology	2
36. Toxicology	1
37. Toxicology (Lab)	1
38. Medical Terminology in English	2
39. Safety Principles and Protection in Lab	1
40. Hematology (1)	3
41. Hematology (1) (Lab)	2
42. Technical Principles and Lab Equipment Maintenance	1
43. Immunohematology	2

44. Immunohematology (Lab)	1
45. Hormonology	1
46. Hormonology (Lab)	1
47. Medical Mycology	2
48. Medical Mycology (Lab)	1
49. Hematology (2)	2
50. Hematology 2 (Lab)	1
51. Management Principles and Lab Rules	1
52. Quality Control Method in the Clinical Labs	1
53. Medical Bacteriology	3
54. Medical Bacteriology (Lab)	1
55. Basic Internal Diseases	2
56. Medical Genetics	1
57. Seminars	1
Total	92

Apprenticeship:

Title	Units
Apprenticeship in Labs	16
Total	16