

Laboratory Science Department course presentation program (continuous undergraduate course)

Semester 4				Semester 3				Semester 2				Semester 1			
Prerequisite	number of units	course name	row	Prerequisite	number of units	course name	row	Prerequisite	number of units	course name	row	Prerequisite	number of units	course name	row
-	2	Thematic Interpretation of the Quran	25	-	2	Internship1	18	6	3	General English	10	-	2	General Psychology	1
-	0/75+0/25	Molecular and advanced laboratory techniques	26	-	2	Islamic Ethics	19	-	2	Biostatistics and research methods	11	-	3	General Persian	2
24	2+1	Parasitology 2 (protozoans & insects)	27	15	2	Biophysics	20	4	2+1	Physiology	12	Simultaneous with4	1+1	Histology	3
22	2+1	Medical Immunology1	28	15	2+1	Clinical Biochemistry 1	21	Simultaneous with 15	2	Cellular & Molecular Biology	13	-	1/5+0/5	Anatomy	4
10	2	English Texts & Medical Terminology	29	13	2+1	General Microbiology	22	5	2	Islamic Thought 2	14	-	2	Islamic Thought 1	5
21	3+1	Clinical Biochemistry 2	30	12	3+2	Hematology 1	23	7	3+1	General Biochemistry	15	-	2	Pre-university English	6
3,23	2+1	General Pathology	31	13	2+1	Parasitology 1 (worms)	24	-	1	Public Health & Epidemiology	16	-	2+1	General Chemistry	7
20,21	1	Technical Principles & Maintenance of Laboratory Equipment	32					-	1	Physical Education (1)	17	-	1/5+0/5	Computer	8
												Simultaneous with 7	0/5+0/5	Laboratory preparations	9
19		Total		20		Total		18		Total		19		Total	
Semester 8				Semester 7				Semester 6				Semester 5			
Prerequisite	number of units	course name	row	Prerequisite	number of units	course name	row	Prerequisite	number of units	course name	row	Prerequisite	number of units	course name	row
52	10	Internship Field	56	30,38	2	Quality assurance in the laboratory	50	31	2+1	Pharmacology & Toxicology	41	-	2	Civilization Analytic History of Early Islam	33
				-	1	Seminar	51	30	1/75-0/25	Hormonology	42	22	1/75-0/25	Medical Virology	34
				18	4	Internship2	52	34,35	1	Principles of Safety & Protection in Laboratory	43	22,28	2+2	Medical Bacteriology	35
				Simultaneous with 50	1	Laboratory Rules & Management Principles	53	-	2	Population and Family Planning	44	13,30	2	Medical Genetics	36
				-	2	History of Islamic civilization and culture	54	-	1	professional ethic	45	28	1+1	Medical Immunology2	37
				35	1/5+0/5	Molecular and advanced laboratory techniques	55	23	2+1	Immunohematology and blood transfusion	46	23	2+1	Hematology 2	38
								22	2+1	Medical Mycology	47	-	0/5+0/5	medical emergency	39
								17	1	Physical Education 2	48	-	2	Islamic Revolution	40
								30,38	2	Introduction to Internal Medicine	49				
10		Total		12		Total		18		Total		18		Total	

Important notes:

- 1- Students who did not get the quorum score for English language courses in the university entrance exam are required to take a pre-university language course.
- 2- Compliance with the prerequisites is mandatory, otherwise the consequences are the responsibility of the student.
- 3-Students do not have the right to choose a unit outside their program.