

Bachelor of Science in Optometry

Bachelor of Science in Optometry						First Semester
NO	Course Code	Course Title	Theoretical	Practical	Training	Internship
1	4006	Islamic Thoughts I	2			
2	30101	General and Developmental Psychology	3			
3	30102	General Anatomy	2			
4	30103	History of Optometry	1			
5	30105	Principles of Rehabilitation	0.5			
6	30106	Principles of Rehabilitation		0.5		
7	30107	General Psychology	2			
9	4001	Pre-university English	2			
10	4002	General Persian Language	3			
11	4003	Physical Education I		1		
12	30109	Medical Genetics	1			
Total Credits						18

Bachelor of Science in Optometry						Second Semester
NO	Course Code	Course Title	Theoretical	Practical	Training	Internship
1	30110	Biochemistry in Theory	2			
2	30111	Biochemistry in Practice		1		
3	30112	Neurophysiology	2			
4	30113	Geometric and Physical Optics 1 (Theory)	2			
5	30114	Geometric and Physical Optics 1 (Practical)		1		
6	30115	General Pathology	2			
7	30116	Anatomy and Histology of the Eye	2			
8	4005	General English Language	3			
9	4004	Physical Education II		1		
10	1002	Islamic Thoughts II	2			
Total Credits						18

Bachelor of Science in Optometry						Third Semester
NO	Course Code	Course Title	Theoretical	Practical	Training	Internship
1	30117	Biostatistics	2			
2	30118	Theoretical Microbiology	2			
3	30119	Practical Microbiology		1		
4	30120	Introduction to Theoretical Microbiology	2			
5	30121	Introduction to Practical Microbiology		1		
6	30122	Islamic Thought 1	2			
7	30123	Physiology of the Eye	2			
8	30124	Geometric and Physical Optics in Theory 2	2			
9	30125	Geometric and Physical Optics in Practice 2		1		
10	30126	Islamic and Iranian Culture and Civilization	2			
11	30127	Physical Education 2		1		
12	30128	Introduction to Computer	2			
Total Credits						20

Bachelor of Science in Optometry						Fourth Semester
NO	Course Code	Course Title	Theoretical	Practical	Training	Internship
1	30133	Optics Laboratory 1 Theory	1			
2	30134	Optics Laboratory Practical1		1		
3	30135	Optical Physiology1	3			
4	30136	Observation Theory	1			
5	30176	Observation Practical		2		
6	30177	Optometry 1 theory	2			
7	30139	Optometry 1 Practical		1		
8	30141	Pharmacology	4			
9	30142	Family Planning	2			
10	30143	Islamic Thought2	2			
Total Credits						19

Bachelor of Science in Optometry						Fifth Semester
NO	Course Code	Course Title	Theoretical	Practical	Training	Internship
1	30145	Optical Physiology 2	3			
2	30146	Eye Pathology1	4			
3	30147	Binocular Vision Mechanism	3			
4	30148	Specialized English	2			
5	30149	Optometry 2 Theory	2			
6	30150	Optometry 2 Practical		1		
7	30151	Optics Laboratory 2 Theory	1			
8	30152	Optics Laboratory 2 Practical		1		
9	30153	First Aid	1			
10	30154	Thematic Commentary of the Quran	2			
Total Credits						20

Bachelor of Science in Optometry						Sixth Semester
NO	Course Code	Course Title	Theoretical	Practical	Training	Internship
1	30157	Optometry 3 Theory	1			
2	30158	Optometry 3 Practical		1		
3	30159	Eye Pathology 2	2			
4	30160	Treatment of Binocular Vision 1 Theory		1		
5	30161	Treatment of Binocular Vision 1 Practical	2			
6	30162	Pediatric Optometry 1 Theory		1		
7	30163	Pediatric Optometry 1 Practical	0.5			
8	30164	Optometry of Occupations and Eye Health		0.5		
9	30165	Contact Lenses 1	0.5			
10	30166	Eye Symptoms in Internal Diseases		0.5		
Total Credits						20

Bachelor of Science in Optometry						Seventh Semester
NO	Course Code	Course Title	Theoretical	Practical	Training	Internship
1	30173	Contact Lenses 2 Theory	1			
2	30174	Contact Lenses 2 Practical		1		
3	30178	Pediatric Optometry 2 Theory	2			
4	1007	Pediatric Optometry 2 Practical		1		
5	30161	Eye Genetics	1			
6	30162	Geriatric Optometry Theory	3			
7	30163	Geriatric Optometry Practical		1		
8	30164	Islamic Revolution	2			
9	30165	Apprenticeship 1		2		
10	30166	Treatment of Binocular Vision Anomalies 2 Theory	2			
11	30161	Treatment of Binocular Vision Anomalies 2 Practical	1			
12	30162	Eye Emergencies Theory		1		
13	30163	Eye Emergencies Practical	1			
Total Credits						19

Bachelor of Science in Optometry						Eighth Semester
NO	Course Code	Course Title	Theoretical	Practical	Training	Internship
1	30102	Advanced Optometry Theory	2			
2	30103	Advanced Optometry Practical		1		
3	30105	Apprenticeship 2		2		
4	30106	Apprenticeship 3		2		
5	30107	Peripheral Vision Theory	1			
6	4001	Peripheral Vision Practical		1		
7	4002	Clinical Analyses and Observations	1			
8	4003	Thesis		2		
Total Credits						12