



*Faculty of Natural Resources
Department of Forestry*

BA/BSc Program in Forest sciences and Engineering							
First Semester				Second Semester			
Course Code	Course Title	Credit(s)	Prerequisites/Co-requisites	Course Code	Course Title	Credit(s)	Prerequisites/Co-requisites
6098004	General chemistry	3	-	6098124	Vegetation Morphology & Taxonomy	3	-
1034001	Islamic Thought 1	2	-	6098123	General Ecology	2	-
1036002	English Language	3	-	6098068	General physics	2	-
6098001	General Mathematics	3	-	6012193	Dendrology of Broadleaved Trees	3	-
1036001	Persian Language	3	-	6098126	General Information on Natural Resources	3	-
6098125	Geology	2	-	1034004	Islamic Ethics	2	-
6098128	Economics of Natural Resources	2	-	1036003	Physical Education 1	1	-
Third Semester				Fourth Semester			
Course Code	Course Title	Credit(s)	Prerequisites/Co-requisites	Course Code	Course Title	Credit(s)	Prerequisites/Co-requisites
6098122	Statistics	3	6098001	6098132	Law and Regulation of Natural resources	2	-
6098016	Weather and Climatology	3	-	6098019	Principal of Remote Sensing	3	-
6098017	General Soil Sciences	3	6098004	6012198	Forest Roads Designing	3	6098018
6012203	Forest Nurseries	2	-	6098127	General Hydrology	2	6098016
6098018	Surveying	3	6098001	6012200	Forest Ecology	3	6098123
1034006	Analytical History of Islam	2	-	6012207	Socio-Economic Issues of Forest	3	-
				1036004	Physical Education 2	1	1036003
				6012214	Coniferous trees	2	-
Fifth Semester				Sixth Semester			
Course Code	Course Title	Credits	Prerequisites/Co-requisites	Course Code	Course Title	Credit(s)	Prerequisites/Co-requisites
6012213	Agroforestry	2	-	6012195	Forest Inventory	3	6098122-6012194
6012014	Forest logging	3	-	6012209	Skill training 1 (General)	3	-
6012194	Forest Tree Measurement	3	-	6012196	Principles of Forest Management	3	6098018
6098129	Geographical Information System	2	-	6012068	Wood Transportation	-	6012014
6012075	Forest Trees Physiology	2	-	6012202	Silvicultural Techniques	3	6012201



6012201	Principal of Silviculture	3	-	1034002	Islamic Thought 2	2	-
6012208	Forest Genetic and Biotechnology	2	-	6012123	Professional English Language	2	-
1036006	Family and Population Knowledge	2	-				
Seventh Semester				Eighth Semester			
Course Code	Course Title	Credit(s)	Prerequisites/Co-requisites	Course Code	Course Title	Credit(s)	Prerequisites/Co-requisites
6012070	Forest Economics	3	6098128	6012015	Forest Soil Sciences	3	6098017
6012199	Forest Roads Construction and Maintenance	3	-	6012206	Principals of Forest Policy	2	6098132
1034007	Thematic Commentary on the Quran	2	-	6012210	Skill training 2 (Project-Professional)	3	-
6012197	Forest Programming and Management	3	6012196	1034	Islamic Revolution of Iran	2	-
6012204	Forestation	2	6012203	6012212	Application Software in Forest Sciences	2	-
6012062	Forest Parks & Reserve Areas	2	6012201	6012192	Fundamentals of Entrepreneurship	2	-
6012205	Forest Trees Pathology	2		6012041	Seminar	1	-
6012211	Social Forestry	2					-
Classification by the Type of the Courses							
Course Type		Credits					
General		22					
Basic Science		21					
Technical		97					
Total Units: 140							