

Degree Programs

Chart of Geography (BS)

First Semester

No.	Lesson title	Lesson code	Type of lesson	Theoretical	Practical	Total	Prerequisite
1	Foreign Language (the public)	10-36-002	Public	3	-	3	-
2	Islamic Thought 1	10-34-001	Public	2	-	2	-
3	Mathematics (1)	60-18-002	Basic	2	-	2	-
4	Philosophy of Geography	60-18-099	Basic	2	-	2	-
5	Public Geology	60-18-120	Basic	2	-	2	-
6	Earth in space	60-18-001	Basic	2	-	2	-
7	Reading Map	60-18-110	Basic	2	-	2	-
				15	-	15	

Second Semester

No.	Lesson title	Lesson code	Type of lesson	Theoretical	Practical	Total	Prerequisite
1	Persian language (The Public)	10-36-001	Public	3	-	3	-
2	Ethics and Islamic education	10-34-004	Public	2	-	2	-
3	Geomorphology	60-18-091	Basic	2	-	2	Public Geology
4	Meteorology	60-18-092	Basic	2	-	2	-
5	Tourism Geography	60-18-094	Basic	2	-	2	-
6	Population Geography	60-18-104	Basic	2	-	2	-
7	Cultural geography	60-18-106	Basic	2	-	2	-
8	political geography	60-18-093	Basic	2	-	2	-
9	Mapping	60-18-111	Basic	1	1	2	-
				18	1	19	

Third Semester

No.	Lesson title	Lesson code	Type of lesson	Theoretical	Practical	Total	Prerequisite
1	Analytical History of Early Islam	99-12-008	Public	2	-	2	-
2	Physical Education 1	10-36-003	Public	-	1	1	-
3	Rural geography	60-18-108	Basic	2	-	2	-
4	Economic geography	60-18-105	Basic	2	-	2	-
5	Urban geography	60-18-107	Basic	2	-	2	-
6	Statistics and probabilities (1)	60-18-003	Basic	2	-	2	-
7	Hydrology	60-18-101	Basic	2	-	2	-
8	Principles of remote sensing	60-18-112	Basic	2	-	2	Mapping
9	World Studies	60-18-119	Basic	2	-	2	-
				16	1	17	

Fourth Semester

No.	Lesson title	Lesson code	Type of lesson	Theoretical	Practical	Total	Prerequisite
1	Islamic Thought 2	10-34-002	Public	2	-	2	Islamic Thought 1
2	Physical Education 2	10-36-004	Public	-	1	1	Physical Education 1
3	Research methodology in geography	60-18-100	Basic	2	-	2	-
4	Rural Geography of Iran	60-18-098	Basic	2	-	2	Rural geography
5	Probability and Statistics for Geography (2)	60-18-124	Basic	2	-	2	-
6	Principles of Geographic Information System (GIS)	60-18-113	Basic	2	-	2	Principles of remote sensing
7	Methods of regional planning and Spatial Planning	60-18-109	Basic	2	-	2	-
8	Bio geography	60-18-025	Basic	2	-	2	Mapping
9	Geomorphology of Iran (1)	60-18-115	Basic	2	-	2	Geomorphology
				16	1	17	

Fifth Semester

No.	Lesson title	Lesson code	Type of lesson	Theoretical	Practical	Total	Prerequisite
1	The Islamic texts (Koran commentary)	10-34-007	Public	2	-	2	-
2	Family knowledge and population	10-36-006	Public	2	-	2	-
3	Urban Geography of Iran	60-18-116	Basic	2	-	2	Urban geography
4	Historical Geography of Iran	60-18-102	Basic	2	-	2	-
5	Economic Geography of Iran	60-18-096	Basic	2	-	2	Economic geography
6	Geography of soils	60-18-024	Basic	2	-	2	-
7	The climate of Iran	60-18-026	Basic	2	-	2	Meteorology
8	Environmental hazards	60-18-103	Basic	2	-	2	-
9	Geomorphology of Iran (2)	60-18-145	Specialized	1	1	2	Geomorphology of Iran (1)
				17	1	18	

Sixth Semester

No.	Lesson title	Lesson code	Type of lesson	Theoretical	Practical	Total	Prerequisite
1	Islamic Revolution of Iran	10-34-005	Public	2	-	2	-
2	Mathematics for geography (2)	10-36-122	Basic	2	-	2	-
3	population Geography of Iran	60-18-095	Basic	2	-	2	Population Geography
4	Political Geography of Iran	60-18-097	Basic	2	-	2	political geography
5	Fundamentals of Computer Programming	60-18-114	Basic	2	-	2	-
6	environmental changes	60-18-123	Basic	2	-	2	-
7	Entrepreneurship	60-18-118	Basic	2	-	2	-
8	Water issues	60-18-121	Basic	2	-	2	Hydrology
9	Environment and its rights	60-18-117	Basic	2	-	2	-
10	Application of geomorphology in environmental planning	60-18-156	Specialized	2	-	2	Geomorphology of Iran (2)
				20	-	20	

Seventh Semester

No.	Lesson title	Lesson code	Type of lesson	Theoretical	Practical	Total	Prerequisite
1	Climatic geomorphology	60-18-143	Specialized	1	1	2	-
2	Application of RS in geomorphology	60-18-152	Specialized	1	1	2	-
3	Applied Hydrology	60-18-155	Specialized	2	-	2	Population Geography
4	River geomorphology	60-18-147	Specialized	1	1	2	political geography
5	Research methodology in geomorphology	60-18-148	Specialized	1	1	2	-
6	Hillslope geomorphology	60-18-150	Specialized	2	-	2	-
7	Urban geomorphology	60-18-153	Specialized	2	-	2	-
8	Environmental changes and evaluation methods	60-18-154	Specialized	2	-	2	Geomorphology of Iran (2)
				12	4	16	

Eighth Semester

No.	Lesson title	Lesson code	Type of lesson	Theoretical	Practical	Total	Prerequisite
1	Application of GIS in geomorphology	60-18-151	Specialized	1	1	2	Principles of Geographic Information System (GIS)
2	Mapping geomorphology	60-18-146	Specialized	1	1	2	Mapping
3	Entrepreneurship in geomorphology	60-18-144	Specialized	2	-	2	Urban geomorphology
4	Karstic Landform	60-18-149	Specialized	2	-	2	-
5	Coastal geomorphology	60-18-142	Specialized	2	-	2	-
6	Morphotectonic	60-18-157	Specialized	2	-	2	-
7	Project	60-18-141	Specialized	-	2	2	-
				10	4	14	

- 1- General lessons: 11 lessons, 22 units
 - 2- Basic lessons: 40 lessons, 80 units
 - 3- Specialized lessons: 17 lessons, 34 units
- Total: 136 units**