

Prerequisite status:  -	Unit Type:  Theoretical	The number of units:  2	Name of the lesson:  <b>Geomorphology and urban and rural spatial planning</b>
Type of additional practical training: Has it <input type="checkbox"/> does not have <input type="checkbox"/> Science travel <input checked="" type="checkbox"/> Laboratory <input type="checkbox"/> Workshop <input checked="" type="checkbox"/> Seminar <input type="checkbox"/>		The number of hours:  32	
<b>Goals:</b> Getting to know the concepts and applications of geomorphology and spatial planning of urban and rural places			
<b>Headlines</b>  <b>1-</b> Topics in geomorphology and spatial planning of urban and rural places: generalities, scope, and scope of engineering geomorphology  2- Geomorphology of the base of spatial planning activities: the role and importance of geomorphological bases in urban and rural construction plans, effective geomorphological factors in spatial planning activities in urban and rural places  3- The role of geological factors in the formation of urban and rural places  4- Fluvial geomorphology, the relationship between engineering geomorphology and urban and rural locations  5- Hazards of geomorphology and engineering geomorphology in urban and rural places  6- Geomorphological maps of spatial planning and engineering of urban and rural places  7- Engineering geomorphology and urban planning			
<b>Reference</b>  1- Moghimi, Ebrahim, Urban Geomorphology, 2011, Tehran University Press  2- Hari Shanker Sharma, S. C. Kalwar, Geomorphology, and environmental sustainability, 1883, Routledge.  3- engineering Geomorphology, Theory, and practice, 2007, P.G. Fookes, E. Mark Lee, J.S. Griffiths.			