

Prerequisite status: -	Unit Type: Practical	The number of units: 2	Name of the lesson: Field and laboratory techniques in Geomorphology
Type of additional practical training: Has it <input checked="" type="checkbox"/> does not have <input type="checkbox"/> Science travel <input checked="" type="checkbox"/> Laboratory <input checked="" type="checkbox"/> Workshop <input type="checkbox"/> Seminar <input type="checkbox"/>		The number of hours: 32	
Goals: Familiarity with field methods for conducting geomorphology research and familiarity with laboratory tools used in basic and applied geomorphology projects and research and acquiring skills to use these tools.			
Headlines <div><div>1-</div>The theoretical foundations of generalities and concepts, the need for fieldwork in geomorphological research, and the necessity of doing practical work on the specialized topics of research methods. 2- Topography, geology, and geomorphology analyses based on maps, 3- tools and methods of measuring on the ground and sediment sampling methods and tools 4- Laboratory tools and methods 5- Indirect earth observation tools 6- practical work - Practical work of sedimentology - Work with GPS - Measurements on the ground</div>			
Reference 1- Mojtaba Yamani and Abulqasem Gourabi, 2016, Geomorphology and Environmental Engineering, Jihad University Press 2- Sadruddin Motevali, Mohammad Mehdi Hosseinzadeh, Reza Esmaili, 2013 Field techniques in river geomorphology, Shahid Beheshti University Publications 3- Geomorphological Techniques, 2012, British Society for Geomorphology 4- Edwards, T.K., & Glysson, G. D. (1999). field methods for measurement of fluvial sediment(No. 03-C2). US Geological; Information Services.			