

Prerequisite status: -	Unit Type: Basic-theoretical	The number of units: 2	Name of the lesson: <b>Decision-making methods and techniques</b>
Type of additional practical training: Has it <input checked="" type="checkbox"/> does not have <input type="checkbox"/> Science travel <input type="checkbox"/> Laboratory <input type="checkbox"/> Workshop <input checked="" type="checkbox"/> Seminar <input type="checkbox"/>		The number of hours: 32	Expert professor to teach: Geographer with the field of decision-making methods
<b>Goals:</b> Acquaintance with the decision-making methods and models and acquiring the necessary skills in this field			
<b>Headlines</b> 1- Philosophy of decision-making, 2- Decision-making in political geography 3- Non-compensatory decision-making techniques, 4- Compensatory decision-making techniques based on the decision matrix - SAW method - TOPSIS method - SWOT method -Electre method 5- Integrated decision-making techniques (Lim map, LA) 6- Hierarchical decision-making techniques (AHP, ANP) 7- Fuzzy logic 8- Fuzzy set theory 9- Managerial applications of fuzzy theory, planning applications, decision-making applications			
<b>Reference</b> 1- Azar, Adel, and Rajabzadeh, 2008, Applied Decision Making, Tehran: Negah Danesh Publications 2- Pourtaheri, Mehdi, 2014, Application of multi-criteria decision-making methods in geography 3- Asgharpour, Mohammad Javad, 2006, Multi-criteria decision making, Tehran: University of Tehran 4- Qudsipour, Seyyed Hassan, 2000, Discussions in multi-criteria decision making, hierarchical analysis process, Tehran: Amirkabir University.			