

Prerequisite status: -	Unit Type: 2 Theoretical	The number of units: 2	Name of the lesson: Hydroclimate of the Drainage basin of Iran
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 type="checkbox"/> , Seminar <input type="checkbox"/>		The number of hours: 32	Expert professor to teach: Climatology and hydrology
Goals: Knowing the basic issues in the hydroclimate studies of the Drainage basin of Iran			
Headlines 1- An overview of the concepts of Iranian hydrology 2- An overview of the importance of water in development planning in the country 3- Framework for the study of water resources in Iran 4- Divisions of Drainage basins in Iran and their coding bases 5- Surface water resources of Iran 6- Investigating atmospheric precipitation and runoff in the Drainage basin of Iran 7- Investigation of groundwater flow in Iran's Drainage basin 8- Water balance of the main Drainage basins in the country and the whole country 9- Water resources management and planning solutions in the country 10- Practical work and programming with hydrological analysis software			
Reference 1- Movahed Danesh, Ali Asghar, 1994, Hydrology of Iran's Surface Water, Samt Publications 2- Sedaqat, Mahmoud, 2011, Iran's Water Resources and Issues, Payam Noor University Publications. 3- Kardovani, Parviz, 2012, Water resources and issues in Iran, Tehran University Press 4- Rostam Abadi, Elham, Saeed Jalali, 2013, Water Resources Management in the New Legal Order, Ministry of Energy Publications 5- Shafiei, Massoud, 2012, Water resources in the world and the Middle East region with a reflection on Iran's situation, Strategic Research Institute Publications 6- Hosseini, Sidahmad, 2014, History of Planning for the Development of Iran's Water Resources, Ministry of Energy Publications 7- Hejazizadeh, Zahra and Alireza Hosseini, 2016, parameters affecting flood surge, academic publication.			