

Prerequisite status: -	Unit Type: Theoretical - Practical	The number of units: 2	Name of the lesson: Human Settlements and New Towns Planning
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 type="checkbox"/> Workshop <input type="checkbox"/> , Seminar <input type="checkbox"/>		The number of hours: 48	
General goal: Increasing students' knowledge and familiarity with the principles, dimensions, and components of human settlements and their organization with an emphasis on urban settlements. Behavioral goal: In this course, students get familiar with the physical dimensions of the city and how to analyze them, and get the necessary preparations for doing exercises and preparing practical plans in the lessons of the urban planning workshop to participate in the preparation of various plans in the field of urban planning.			
Headlines 1- Planning of human settlements and their place in the country's planning system 2- Principles and dimensions of human settlements planning 3- City limits, boundaries, and sphere of influence 4- Physical divisions 5- land use 6- Urban densities 7- Urban open spaces 8- Communication network 9- Urban facilities and equipment 10- City growth management and control tools 11- New cities: evolution, goals, and construction process 12- Rules and regulations for locating new cities 13- Evaluation of the urban planning process			
Reference 1- Athari, Kamal (2018), housing policies and residential environment in new cities, road, housing, and urban development research center, (the sixth volume of the eight-volume collection of new cities books). 2- Ziyari, Karamatullah, 2017, planning of new cities, 16th edition, Samt Publications. 3- Rahnama, Mohammad Rahim, and Gholamreza Abbaszadeh, 2008, research on detailed urban plans, Mashhad Academic Jahad Publications. 4- Seifoddini, Frank, 2012, Culture of Urbanism, Ayizh Publications			

- 5- Ghorbani, Rasul, 2015, principles, and basics of urban planning, Samt Publications.
- 6- Kalantari, Hossein, 2016, ecological criteria for locating new cities, Shahid Beheshti Academic Jahad Publications
- 7- Morsoosi, Nafiseh, 2014, principles and methods of planning human settlements, Payam Noor University.
- 8- Herati, Sudabeh, 2015, the position of new cities in the urban system, Academic Jihad Publications, Shahid Beheshti Unit.
- 9- American Planning Association. (2006). Planning and urban design standards. John Wiley & Sons.
- 10- Chow, J. (2018). Informed Urban transport systems: Classic and emerging mobility methods toward smart cities. Elsevier
- 11- Hart, M. J. (2015). Towns and Cities: Function in Form: Urban Structures, Economics, and Society. Ashgate Publishing, Ltd.
- 12- James, C. (2003). Sustainable Transport. Planning for Walking and Cycling in Urban Environments. “. Creating a better walking environment” t, 282-297.
- 13- Johnson, V. D., & Ponnuswamy, S. (2012). Urban transportation: planning, operation, and management.
- 14- Laterrasse, J. (2019). Transport and Town Planning: The City in Search of Sustainable Development. John Wiley & Sons.
- 15- Stevens, N. J., Salmon, P. M., Walker, G. H., & Stanton, N. A. (2018). Human Factors in Land Use Planning and Urban Design: Methods, Practical Guidance, and Applications. CRC Press.
- 16- Pezzoli, Keith, 2000, human settlements and planning for ecological sustainability, the case of Mexico City.