

Prerequisite status: -	Unit Type: Theoretical	The number of units: 2	Name of the lesson: Advanced research methods in rural planning
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 checked="" type="checkbox"/>		The number of hours: 32	Expert professor to teach: Rural planning geographer
Goals: Acquaintance students with the philosophy, principles, methods, and techniques of quantitative and qualitative research in the field of geography and rural planning			
Headlines 1- Epistemology, scientific philosophy, and scientific methodology in rural studies with a geographical approach 2- Types of quantitative, qualitative, and mixed research in rural studies 3- The research design framework in line with the deep and critical search of the problems of rural areas with a geographical approach 4- stages of research plan preparation - How to choose the topic and write the statement of the research problem - Research questions (familiarity with the use of what, why, and how questions) - Strategy for answering research questions (deductive and inductive) - How to prepare the theoretical framework of the research and its application - Application of the hypothesis and its relationship with the theoretical framework of the research 5- Sampling methods in quantitative and qualitative methods 6- Validation of qualitative and quantitative methods 7- Data collection methods in rural studies (survey, interview, observation, discussion groups...) 8- Data analysis in quantitative and qualitative methods 9- Explanation and conclusion in the research and its relation with the theoretical framework of the research 10- Compilation of the research report 11- Preparation of research proposal			
Reference 1- Alijani, Bohlul, 2019, Quantitative methodology in geography, Samt publications 2- Azkia, Mustafa and Ali Imani, 2008. Qualitative research approaches and methods in rural development, Ney publications, Tehran 3- Strauss Anselm, Corbin Juliet, translated by Ebrahim Afshar, 2011. Fundamentals of qualitative			

researches (techniques and stages of producing grounded theory), translated by Ebrahim Afshar, Ney publications, Tehran

4- Oh, Flick; Translated by Hadi Jalili, 2008, An introduction to qualitative research, translated by Hadi Jalili, Ney publications, Tehran

5- Mohammadpour, Ahmad, 2010. Philosophical and scientific foundations meta-method of mixed research method in social and behavioral sciences, published by Sociologists, Tehran

6- Gomez, B. and John Paul Jones, 2010, Research Methods in Geography: A Critical Introduction, Wiley-Blackwell

7- Ramesh, G. and S. Nakkiran, 2010, Research Methods in Rural Development Paperback, Deep & Deep Publication