



# Learning Outcomes of 2-YEAR M.A./M. SC. IN GEOGRAPHY

**DEPARTMENT OF GEOGRAPHY**

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# Learning Outcomes of 2-Year M.A./M.Sc. in Geography

Geography is easily distinguishable from other branches of social sciences and natural sciences in terms of its dimension of the study of social/natural processes in terms of space and place. At the Master Programme in Geography you learn to understand the spatial connections and complexities of the social world in relation to the natural phenomenon happening spatially. Assessing extent of regional/spatial differentiation and explaining the same forms the foundation of the programme. Developing the analytical capabilities to examine the relationship between local processes and conditions and those at the national and global scale is the prime motive of study of geography.

## Learning objectives

### Knowledge enhancement:

You have in-depth knowledge of the history of geographic thought, both human and physical.

You have advanced empirical and theoretical knowledge within one or more of the following areas: Urban Studies and Planning, Climate Change Adaptation and Social Transformations, Development and Politics, and Economic and Labour Geography, geomorphological, geo-hydrological, climatic, environmental and other aspects of bio-geographical areas.

You have in-depth knowledge of advanced methodological tools such as quantitative, cartographic, spatial data acquisition, analysis and interpretation using RS and GIS tools, base level data acquisition using advanced instruments and can assess their appropriate use for the analysis of specific issues.

### Skills development:

You will be able to:

Formulate precise research questions, develop a good research design and structure sound argumentation in the analysis of specific issues on social and physical issues of earth environment.

Apply scientific methods and tools to the analysis of empirical and theoretical problems and contribute to their understanding and solution.

Conduct an independent and clearly delineated piece of research in line with academic and methodological standards and ethical guidelines.

Employ analytical, spatial perspectives to new research questions.

Develop such an innovative skill to help planners and decision makers to solve real life problems of geographical nature, thus making contribution in the society.

Present and write knowledge-based material to an academic standard.

### General competence building:

You will be able to:

- Communicate research effectively to other experts and the general to make long lasting mark in terms of contribution.
- Systematically and analytically acquire and communicate new knowledge to advance the society and solve new and upcoming problems.

- Independently assess and reflect upon the methodological, ethical and practical challenges of research and make way to solve the problems to make advancement.
- Initiate and provide constructive input to professional development activities in the field of spatial science.
- Independently design and conduct focused research projects to suite the need of the society.

**Career prospects:**

Excellent career opportunities exist in both the private and public sectors with knowledge in spatial science particularly after completion of PG Programme in Geography. Our alumni are well placed in both government and private organizations. While many of them are in academics, some of them are in administration. Positions include cartographer with map publishing company, government agency, or private service agency; environmental consultancies, local authorities, utility companies; mapping specialist with software house or geoinformation data provider. In the government departments and public sector undertakings there are ample opportunities for the cartographers, particularly in Census of India, Department of Surface Transport, Railway, Navigation and Aviation, Irrigation, Mining, Planning and Development, Agriculture, Forestry and wildlife some of the departments where job opportunities are there for cartographers. In the new era of online trade and business geographers' role as map specialist is now much more relevant in the transportation, shipping, logistics and online delivery of goods as well as cab services.