

M.Phil Geography

Courses of Study

The Master of Philosophy course consist of two parts : M.Phil part I and M.Phil Part II. M.Phil Part I consists of 3 courses for which classes are held from August 1st to January and of the following calendar year. Part I examinations are held normally at the end of January. M.Phil. Part-II consists of a dissertation which may take a year or more for completion.

M.Phil. Part I

The following three courses are prescribed for the M.Phil. Part I :

Course I: Research Methodology :

- (i) Scientific Research in Geography
- (ii) Review of Geographical Research: Method and Style.
- (iii) Identification and Conceptualisation of a Research Problem, Research Questions and Hypotheses.
- (iv) Sources of Data and its Method of Collection:
 - (a) Secondary Data: Census, NSS, CSO, Aerial Photographs and Satellite Imageries;
 - (b) Primary Data: Observational Method, Questionnaires and Interviews; Sampling Methods.
- (v) Structure of a Research Dissertation and Documentation

Course II: Advanced Spatial Analysis

- (i) Data Processing and Descriptive Data Analysis - Editing, Coding and Tabulation of Data, Graphic Presentation of Data; Concentration and Dispersion Measures
- (ii) Inductive Data Analysis, Hypothesis Testing, Analysis of variance, Multiple Regression and Correlation
- (iii) Spatial Analysis, Gravity and Potential Models, Network Analysis, Trend Surface Analysis; Spatio-Temporal Analysis
- (iv) Qualitative Data Analysis, Techniques of Qualitative Data Analysis
- (v) Geographic Information System, Data Storage, Presentation, Mapping and Analysis

Course III: Any one among the following courses:

- (i) Agricultural Development and Environmental Issues
- (ii) Critical Geopolitics and Regional Security
- (iii) Environmental Monitoring and Geographical Information System
- (iv) Environmental Security: Problems and Policies
- (v) Gender and Development
- (vi) Geography of Hunger
- (vii) Globalization and Development

- (viii) Landforms and Geo-environmental Applications
- (ix) Land Use Land cover Mapping Techniques
- (x) Disasters and their Management
- (xi) Politics of space
- (xii) Population Movements
- (xiii) Restructuring Post-modern Political Geography
- (xiv) Resource Management: Issues and Problems
- (xv) Social-Political Processes and the Geography of Elections in India
- (xvi) Spatial Dimensions of Politics
- (xvii) Regional Development
- (xviii) Sustainable Cities
 - (xix) Sustainable Agriculture and Food Security
 - (xx) Tropical Land Forms and Geo-Environmental Applications
 - (xxi) Urban Agriculture

In Course III the content of the course will be decided by the teacher concerned within the broad guidelines framed by the M.Phil. Committee from time to time. The basic objective of these courses is to train students in conceptualization and critical evaluation of research problem and research methodology. Courses shall be based on contemporary research issues in the major and allied areas. Mode of teaching shall be through lecturers, discussions, seminars and assignments.

M.Phil. Part II

On the successful completion of M.Phil. Part I, candidates shall be required to write a dissertation of 100-150 pages. A student who has secured 50 per cent marks in at least two courses including Course III (separately in written and internal assessment) of Part I examination may be allowed to proceed to M. Phil. Part II dissertation work. Such a student shall be permitted to submit his dissertation only when he has passed the examination in all the courses prescribed under Part I.

The dissertation is to be written on a topic duly approved by the M.Phil. Committee. The candidate shall prepare a research proposal in consultation with his/her supervisor and submit 3 copies of the same to the Advisory Committee for approval. The candidates shall have to defend their research proposal to their respective Advisory Committees and shall make necessary changes in the proposal on the basis of the comments and re-submit the same for approval by the Advisory Committee and finally by the M.Phil. Committee.

When the first draft of the dissertation is completed, candidates will be required to present the results of their research before the Department Research Forum. Suggestions from the Forum shall be included in the final draft. The candidates shall be required to submit 3 typed copies of the dissertation. The dissertation will be submitted only when the supervisor is fully satisfied about the quality of the work for the award of M.Phil. Degree of the University of Delhi.