# M.A in Geography

#### **COURSES OF STUDY**

The Masters Programme in Geography of the University of Delhi comprises 16 courses spread over two years with 480 contact hours. Each course has a maximum of 100 marks and a minimum of 30 contact hours. The two years has four semesters of six months each; and in each semester, students will have four courses.

Out of the sixteen courses, eight courses are compulsory covering core areas and eight courses are optional leading to specialization. The core courses are on offer in the  $1^{st}$  and  $2^{nd}$  Semesters, optional courses in the  $3^{rd}$  Semester; and specialization courses in the  $4^{th}$  Semester.

In the  $1^{st}$  and  $2^{nd}$  Semesters, the eight core courses on offer cover vital areas of Geography, about which all candidates should have knowledge. These eight courses are classifiable as follows, as per traditional classification of knowledge:

- A. Theoretical Base Two courses on Geographical Thought and Physical Geography build up the theoretical and ideological foundations of Geography.
- B. Methodological Base Three courses on Computer Mapping, Statistics, and Remote Sensing and GIS strengthen the methodological and quantitative foundations of Geography.
- C. Systematic Approach Three courses on Environment and Ecology, Human Geography and Space Economy address the contemporary issues in Geography.

In the 3<sup>rd</sup> Semester, candidates will opt four out of the eight optional courses in contemporary branches of Geography. The Department will decide the courses that would be offered.

In the 4<sup>th</sup> Semester, all candidates will select one of the specializations group. All Candidates will compulsorily have to select Course 401 (Project Report, on a theme related to the area of specialization on NCR) and opt three courses, of which at least two will be from the specialization of their choice. The Department will announce in the beginning of the semester, the list of elective interdisciplinary papers which will be offered during the semester depending upon the availability of faculty members.

Environment and Resource Social Dimensions in Geography Urban and Regional Studies Physical Geography Political Geography and Area Studies Rural and Agricultural Studies

## PART I - FIRST YEAR

## SEMESTER 1

- 101 Geographical Thought
- 102 Environment and Ecology
- 103 Fundamentals of Remote Sensing and GIS
- 104 Statistical Techniques in Spatial Analysis

#### **SEMESTER 2**

- 201 Advanced Physical Geography
- 202 Contemporary Human Geography
- 203 Computer Aided Mapping and Thematic Atlas
- 204 Spatial Economic Systems

#### PART II - SECOND YEAR

## SEMESTER 3

- 301 Advanced Remote Sensing and GIS
- Natural Resource Management (Interdisciplinary)
- Principles of Political Geography (Interdisciplinary)
- 304 Systematic Agricultural Geography (Interdisciplinary)
- 305 Social Geography of India (Interdisciplinary)
- 306 Urban Settlement System (Interdisciplinary)
- Regional Development (Interdisciplinary)
- 308 Cultural Geography (Interdisciplinary)
- Rural Development Planning and Policy (Interdisciplinary)

# SEMESTER 4

- 401 Project Report (Compulsory)
- 402 Regional Development in India (Interdisciplinary Course)

## **Environment and Resource**

- 411 Hydrology and Water Resource Management
- 412 Geography of Energy
- 413 Environmental Impact Assessment
- 414 Natural Hazards and Disaster Management
- 415 Urban Impacts on Natural Resources and Environment

## Social Dimensions in Geography

- 421 Historical Geography
- 422 Geography of Landscape
- 423 Demography and Population Policy
- Health, Environment and Society
- 425 Geography of Social Well-Being
- 426 Gender and Space with Special Reference to India

# Urban and Regional Studies

- 431 Techniques and Methods of Regional Analysis
- Transport Network and Flows
- 433 Urban Development Management and Policy
- 434 Social Impact Assessment

# Physical Geography

- 441 Analytical Physical Geography
- 442 Biogeography
- 443 Geomorphologic Analysis
- 444 Geography of Himalayas
- 445 Terrain Modelling and Evaluation

# Political Geography and Area Studies

- 451 Political Geography of India
- 452 Geography of Federalism
- 453 Electoral Geography
- 454 Political Geography of Central Asia
- 455 Political Geography of Middle-East

# Rural and Agricultural Studies

- 461 Agricultural Development and Environmental Degradation
- 462 Landuse Planning
- 463 Dryland Farming
- 464 Food Security System