

PDM UNIVERSITY

Faculty of Humanities and Social Sciences

Course: M.A. Geography

1) Title of the Course: M. A. Geography

2) Preamble of the Syllabus:

Master of Arts (M. A.) in Geography is a post-graduation course of PDM University. The credit system to be implemented through this curriculum, would allow students to develop a strong footing in the fundamentals and specialize in the disciplines of his/her liking and abilities.

The students pursuing this course would have to develop in depth understanding of various aspects of the subject. The working principles, design guidelines and experimental skills associated with different fields of Geography such as Geomorphology, Climatology, Economic Geography, Population Geography, Settlement Geography, Remote Sensing and GIS (Geoinformatics), etc.

3) Instructions for the Students:

The students seeking admission to M.A. Geography course is hereby informed that they are supposed to adhere to the following rules:

1. A minimum of 75 % attendance for lectures / practical is the pre-requisite for grant of term.
2. There shall be tutorial / practical / surprise test / home assignment / referencing of research papers / seminar / industrial visits/Field Visit / training course/viva-voce as a part of internal assessment in each semester. The students are supposed to attend all the tests. The students should note that re-test will not be permitted to the student absent for the test/s unless the case is considered by competent authority.
3. The students opting for dissertation course shall follow the rules framed for the same.
4. The students are supposed to attend all the Industrial Workshops / Laboratory Workshops / Training Programme/ symposia/ seminar/ field visit / study tour organized by the Department/ college.

4) Eligibility:

The candidate should have B.A. with Geography special or B.Sc. with Geography as a special subject or Any B.Sc. with Geography at second year level.

Admission: Admissions will be given as per the selection procedure / policies adopted by the respective college, in accordance with conditions laid down by the PDM University. Reservation and relaxation will be as per the university/government rules.

5) COURSES OF STUDY

The Department runs a two years Master of Arts (M.A.) course in Geography, for which a maximum of forty (40) students are admitted every year.

The Masters Programme in Geography of the PDM University comprises 16 courses spread over two years with approx. 106 contact hours. Each course has a maximum of 100 marks and an approx.

minimum of 24 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 1st and 2nd Semesters, optional courses in the 3rd Semester; and specialization courses in the 4th Semester.

6) Semesters

In the 1st and 2nd 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 3rd 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 4th Semester, all candidates will select one of the specializations group. All Candidates will compulsorily have to select Course -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.

- A. Environment and Resource
- B. Social Dimensions in Geography
- C. Urban and Regional Studies
- D. Physical Geography
- E. Political Geography and Area Studies
- F. Rural and Agricultural Studies

7) Medium of Instructions: English.

8) University Terms:

Dates for commencement and conclusion for the first and second terms will be declared by the University authorities. Terms can be kept by only for duly admitted students. The term shall be granted only on minimum 75 percent attendance at theory and practical course and satisfactory performance during the term.

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Curriculum and Scheme of Examination

Semester I

S.no	Course title	Course code	Teaching Schedule per week				Credits	Evaluation scheme		
			L	T	P	Total		Internal	External	Total
Core Courses (All courses are compulsory)										
1	Geographical Thoughts	GEOG5101	6	0	0	6	6	40	60	100
2	Environment and Ecology	GEOG5102	6	0	0	6	6	40	60	100
3	Fundamentals of Remote Sensing	GEOG5103	6	0	0	6	6	40	60	100
4	Practical: Statistical Techniques in Spatial Analysis	GEOG5104	4	0	4	8	6	40	60	100
Total			22	0	4	26	24	160	240	400

Semester II

S.N o.	Course title	Course code	Teaching Schedule per week				Credits	Evaluation scheme		
			L	T	P	Total		Internal	External	Total
Core Courses (All courses are compulsory)										
1	Advanced Physical Geography	GEOG5105	6	0	0	6	6	40	60	100
2	Contemporary Human Geography	GEOG5106	6	0	0	6	6	40	60	100
3	Spatial Economic Systems	GEOG5107	6	0	0	6	6	40	60	100
4	Practical Geography: Computer Aided Mapping and Thematic Atlas	GEOG5108	4	0	4	8	6	40	60	100
Total			22	0	4	26	24	160	240	400

Semester III

S.No.	Course title	Teaching Schedule per week				Credits	Evaluation scheme		
		L	T	P	Total		Internal	External	Total
1	Elective I	6	0	0	6	6	40	60	100
2	Elective II	6	0	0	6	6	40	60	100
3	Elective III (Practical)	4	0	4	8	6	40	60	100
4	Elective IV	6	0	0	6	6	40	60	100
	Total	16			26	24	160	240	400

Electives for 3rd Semester

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| 1. Advanced Remote Sensing and GIS | GEOG6201 |
| 2. Natural Resource Management (Interdisciplinary) | GEOG6202 |
| 3. Principles of Political Geography (Interdisciplinary) | GEOG6203 |
| 4. Systematic Agricultural Geography (Interdisciplinary) | GEOG6204 |
| 5. Social Geography of India (Interdisciplinary) | GEOG6205 |
| 6. Urban Settlement System (Interdisciplinary) | GEOG6206 |
| 7. Regional Development (Interdisciplinary) | GEOG6207 |
| 8. Cultural Geography (Interdisciplinary) | GEOG6208 |
| 9. Practical in Physical Geography | GEOG6209 |
| 10. Practical in Human Geography | GEOG6210 |
| 11. Research Methodology in Geography | GEOG6211 |
| 12. Town and Country Planning | GEOG6212 |

**Its mandatory to choose one practical paper.*

Semester IV

S.No.	Course title	Course code	Teaching Schedule per week				Credits	Evaluation scheme		
			L	T	P	Total		Internal	External	Total
1	Module Elective I		6	0	0	6	6	40	60	100
2	Module Elective II		6	0	0	6	6	40	60	100
3	Module Elective III		6	0	0	6	6	40	60	100
4	Project Report (Mandatory)	GEOG6236	2	0	8	10	6	40	60	100
	Total		20		8	28	24	160	240	400

List of Modules, Papers & Electives (Semester IV)

*Choose one paper each from any three modules.

Module-1: Environment and Resource

1	Hydrology and Water Resource Management	GEOG6213
2	Geography of Energy	GEOG6214
3	Environmental Impact Assessment	GEOG6215
4	Natural Hazards and Disaster Management	GEOG6216
5	Urban Impacts on Natural Resources and Environment	GEOG6217

Module-2: Political Geography and Area Studies

1	Political Geography of India	GEOG6218
2	Geography of Federalism	GEOG6219
3	Electoral Geography	GEOG6220
4	Political Geography of Central Asia	GEOG6221
5	Political Geography of Middle-East	GEOG6222

Module-3: Rural and Agricultural Studies

1	Agricultural Development and Environmental Degradation	GEOG6223
2	Land Use Planning	GEOG6224
3	Dryland Farming	GEOG6225
4	Food Security System	GEOG6226
5.	Marketing Geography	GEOG6227

Module-4: Physical Geography

1	Analytical Physical Geography	GEOG6228
2	Biogeography	GEOG6229
3	Geomorphologic Analysis	GEOG6230
4	Geography of Himalayas	GEOG6231
5	Terrain Modelling and Evaluation	GEOG6232

Module-5: Social Dimensions in Geography

1	Geography of Landscape	GEOG6233
2	Demography and Population Policy	GEOG6234
3	Health, Environment and Society	GEOG6235
4	Geography of Social Well-Being	GEOG6236
5	Gender and Space with Special Reference to India	GEOG6237

Project Report/ Dissertation (Mandatory)*

GEOG6238

GEOG6238: Project Report/ Dissertation (Mandatory)*

The students under the supervision of a faculty member shall be selecting a topic from his field of specialization for the dissertation work. The dissertation shall be field work based applying the techniques learned by the student in practicals. It will contain at least 70 pages and 10 to 15 maps and diagrams / charts prepared by the student. The dissertation report duly signed by the teacher supervisor concerned be submitted in the college before the theory examination of the university or as per instructions given by the university. There shall be internal viva voce on dissertation. The viva-voce examination will be purely internal and shall be conducted before sending the dissertation to the university. The student will present his/ her findings before the audience of department teachers and P.G. students. The questions will be asked by the faculty members and students. The supervisor will act as an internal examiner, and the internal marks will be awarded by him/ her.

Project report/ Dissertation will be evaluated by the examiner/s in consent with the project guide.