

**MANGALORE**  **UNIVERSITY**  
MANGALAGANGOTHRI- 574 199

**Department of Studies in Geography**  
**M.Sc. Degree Programme**

**(CHOICE BASED CREDIT SYSTEM- SEMESTER SCHEME)**

Syllabus for M.Sc. Programme in

**GEOGRAPHY**

(From the Academic Year 2020-21 onwards)



**Mangalore University**  
**M.Sc. Degree Programme in Geography**

**CHOICE BASED CREDIT SYSTEM (CBCS) SEMESTER SCHEME,  
COURSE PATTERN AND SCHEME OF EXAMINATION**

(Year 2020-21 onwards)

**PREAMBLE**

Revision of syllabi for the two years Master Degree (Choice Based Credit System-Semester Scheme) Programme in Geography.

The PG. BOS in Geography has revised and prepared the syllabi (CBCS) for all semesters-M.Sc. Geography, in its meeting held on 18-01-2020, which syllabi will be implemented from the academic year 2020-21. (Ref: No: MU/Syndicate/Special BOS/11/2019-20/S3 Dated: 30-12-2019). The Hard Core, Soft Core and Open Elective Courses spread out across the four semesters have been revised, wherever necessary, with the total credits amounting to 91 for the entire programme.

Accordingly, the PG BOS in Geography has prepared the syllabi, consisting of 12 Hard Core (theory) courses and 7 Practical Courses spread across 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> semesters with the provision of offering project work in lieu of one of the Practical Courses in the 4<sup>th</sup> Semester. Elective Courses are offered in the 2<sup>nd</sup> and 3<sup>rd</sup> semesters for students of other departments, each Course having 3 credits. Project Work having 4 credits is offered in the 4<sup>th</sup> Semester. Total number of credits for Hard Core courses is 52. The BOS has also recommended that the Department offer Soft Core Courses with a total of 12 credits in the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> Semesters. The distribution of Soft Core Courses across the semesters is as follows: 2<sup>nd</sup> semester- 1 Soft Core Course out of a choice of two Courses, 3<sup>rd</sup> Semester- 1 Soft Core Course out of a choice of two Courses, 4<sup>th</sup> Semester- 2 Soft Core Courses out of a choice of 4 Courses. All the Soft Core Courses are of 3 credits. The Programme offers Practical Courses with a total of 21 credits. The distribution of these Practical Courses across the semesters is as follows: 2 Practical Courses each in 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> semesters and 1 in the 4<sup>th</sup> semester. The BOS has proposed 3 open electives each in the 2<sup>nd</sup> & 3<sup>rd</sup> semesters of the programme, each of 3 credits (total-6 Credits). The total number of credits for the Programme is 91. Based on the above mentioned letter from the Registrar and the suggestions and decisions of the BOS I have prepared a draft course pattern.

Detailed syllabi for 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, & 4<sup>th</sup> Semesters have been prepared and enclosed.

**Course/Credit Pattern:**

Semester Credits	Hard Core (H) (T)	Soft Core (S) (T)	Elective (E) (T)	Practical (P)	Tutorial	Total Credits
First	16	-	-	06	-	22
Second	12	03	03	06	-	24
Third	12	03	03	06	-	24
Fourth	08	06	-	07	-	21
<b>Total</b>	<b>48</b>	<b>12</b>	<b>06*</b>	<b>4 (H) + 21 (S)</b>		<b>91</b>

Total Credits from all the four Semesters (1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup>): 22+24+24+21=91

Total Hard Core Credits= 48 (T) +4 (P) =52=57.15%

Total Soft Core Credits = 12 (T) + 21 (P) = 33=36.26%

\*Open elective Credits=6=6.59% (Not to considered for calculating the CGPA)

H= Hard Core, S= Soft Core, P= Practical/Project



## M.Sc. GEOGRAPHY

### Consolidated Courses and Title of the Programme: M.Sc. in Geography

1 <sup>st</sup> Semester			2 <sup>nd</sup> Semester		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
GYH 401	Advance Geomorphology	4	GYH 451	Development of Geographic Thought	4
GYH 402	Advance Climatology	4	GYH 452	Economic Geography	4
GYH 403	Advance Oceanography	4	GYH 453	Basics of Remote Sensing	4
GYH 404	Geography of Resources	4	GYS 454	Geography of Settlements OR	3
			GYS 455	Geography of Tourism	
GYP 405	Techniques in Physical Geography	3	GYE 456	Geography of India (With special reference to Karnataka) OR	3
			GYE 457	Resource Conservation and Management OR	
			GYE 458	Environmental Geography	
GYP 406	Interpretation of Indian Weather and Topo maps	3	GYP 459	Statistical Methods in Geography	3
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### 3<sup>rd</sup> Semester

### 4<sup>th</sup> Semester

Course Code	Course Title	Credits	Course Code	Course Title	Credits
GYH 501	Urban Geography	4	GYH 551	Agricultural Geography	4
GYH 502	Research Methodology	4	GYH 552	Regional Planning & Development	4
GYH 503	Fundamentals of Cartography, GIS & GNSS.	4	GYS 553 Or GYS 554	Population Geography Or Environmental Geography	3
GYS 504 Or GYS 505	Disaster Studies Or Coastal Geography	3	GYS 555 Or GYS 556	Social Geography Or Geography of Health	3
GYE 506 Or GYE 507 Or GYE 508	World Geography Or Geography of Health Or Bio- Geography	3	GYP 557	Techniques in Human Geography	3
GYP 509	Interpretation of Aerial Photography and Satellite Images	3	GYP 558	Dissertation and field Study	4
GYP 510	Applications in GIS & GNSS	3		-----	