



NOTIFICATION

Sub: Revised Scheme of Examination of M.Sc.in Marine Geology

Ref: Approval of the Academic Council meeting dated 01.02.2019.

The Academic Council at its meeting held on 01.02.2019 has approved the Scheme of Examination of M.Sc.in Marine Geology programme which is hereby notified for implementation with effect from the academic year 2019-20 and onwards.


REGISTRAR
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To:

1. The Registrar (Evaluation), Mangalore University.
2. The Chairman, BOS in Marine Geology, Mangalore University
3. The Chairman, Dept. of Marine Geology, Mangalore University
4. Guard File.

MANGALORE UNIVERSITY
DEPT. OF MARINE GEOLOGY
M.Sc. MARINE GEOLOGY SYLLABUS (CHOICE BASED CREDIT SYSTEM)
Revised
STRUCTURE OF THE COURSE

Semester	Paper Theory / Lab	Instruction hrs/Week Lectures / Practicals	Duration of Exams (hrs)	Marks			Credits	
				IA	Exam	Total		
First Semester : Five Hard Cores and One Soft Core								
MGH 401	Mineralogy and Geochemistry	4	3	30	70	100	4	
MGH 402	Petrology	4	3	30	70	100	4	
MGH 403	Stratigraphy and Paleontology	4	3	30	70	100	4	
MGP 404	Mineralogy and Geochemistry (Lab)	8	4	30	70	100	4	
MGP 405	Petrology (Lab)	8	4	30	70	100	4	
MGS 406	Geomorphology and Geodynamics	3	3	30	70	100	3	
						Semester Total	600	23
Second Semester : Two Hard Cores, Four Soft Cores and One Open Elective								
MGH 451	Structural Geology and Hydrogeology	4	3	30	70	100	4	
MGP 452	Structural Geology and Paleontology (Lab)	8	4	30	70	100	4	
MGS 453	Environmental Geology	3	3	30	70	100	3	
MGS 454	Meteorology and Climatology	3	3	30	70	100	3	
MGS 455	RS & Photogrammetry	3	3	30	70	100	3	
MGP 456	Hydrogeology and Geostatistics & Comp. Appl. (Lab, soft core)	6	3	30	70	100	3	
MGE 457	Geo-sciences (Open Elective)	3	3	30	70	100	3	
						Semester Total	700	20 + 3
Third Semester : Two Hard Cores, Five Soft Cores and One Open Elective								
MGH 501	Oceanography - I (Physical & Chemical)	4	3	30	70	100	4	
MGH 502	Oceanography - II (Geol & Biological)	4	3	30	70	100	4	
MGS 503	Exploration and Engineering Geology	3	3	30	70	100	3	
MGS 504	Economic Geology and Mining Geology	3	3	30	70	100	3	
MGS 505	GIS and GPS	3	3	30	70	100	3	
MGP 506	Remote Sensing and GIS (Lab, soft core)	6	3	30	70	100	3	

MGP 507	Physical Oceanography and Surveying (Lab, soft core)	6	3	30	70	100	3	
MGE 508	Ocean & Atmospheric Science (Open Elective)	3	3	30	70	100	3	
Fourth Semester :						Semester Total	800	23 + 3
MGP 551	Project Work - Dissertation							
	Viva - Voce					300	12	
	Field Work and Field Report					100	4	
						100	4	
						Semester Total	500	20
						Grand Total	2600	86+6*

Note: MG - Marine Geology, H - Hard core, S - Soft core, P - Practical / Project Work, and E - Elective. *Not included for CGPA calculation.

Course / Credit Pattern:

Semester Credits	Hard Core (H)	Soft Core (S)	Elective (E)	Practical / Project Work (P)	Total Credits
First	12	3	--	8 (H)	23
Second	4	9	3	4 (H), 3 (S)	20 + 3
Third	8	9	3	--, 6 (S)	23 + 3
Fourth	--	--	--	20 (H)	20
Total	24	21	6*	32 + 9	86 + 6*

Total Credits from all the Four Semesters = 23 + 23 + 26 + 20 = 92

Total Hard Core Credits = 24 (T) + 12 (P) + 20 (Project) = 56 = 60.87%

Total Soft Core Credits = 21 (T) + 9 (P) = 30 = 32.61%

*Open Elective