

CURRICULUM FOR

“MASTER OF SCIENCE

ENVIRONMENTAL SCIENCE

(M.Sc. ES)”

w.e.f. Academic Year 2021-'22



॥ तमसो मा ज्योतिर्गमय ॥

VISION

To provide equal opportunities for value based global education for creating an Enlightened Society

MISSION

To establish and facilitate educational institutions in the region for providing affordable value based global education to all who aspire to study and to create opportunities to educators, social workers and philanthropists to serve society



**SARVAJANIK
UNIVERSITY**

INCLUSIVE | INTEGRATED | INNOVATIVE

creating an enlightened society...

UNIVERSITY OFFICE

Dr. R. K. Desai Marg, Athwalines,
Surat-395001, Gujarat, India.

Website: www.sarvajanikuniversity.ac.in

Email: admin@sarvajanikuniversity.ac.in

Email: info@sarvajanikuniversity.ac.in

Mo.: +919979102021 / +9197129 30321

Contact No. +912612660266



Constituent Institute:


**SHREE RAMKRISHNA INSTITUTE OF
COMPUTER EDUCATION AND
APPLIED SCIENCES (SRKI)**





Course Curriculum
Master of Science (Environmental Science)

The Course Curriculum of Master of Science (Environmental Science) was proposed and drafted by **Academic and Curriculum Committee of Environmental Science** under the Faculty of Science in the meeting held on 10-12-2021 and recommended to 'BOARD OF STUDIES' for approval.

Prof. Ratna Trivedi
Chairman, Academic
& Curriculum Committee Place of the meeting
Science Sarvajani University Office Sign 

The proposed Course Curriculum was approved by **Board of Studies, Science** under the Faculty of Science in the meeting held on 10-12-2021 and was recommended to the 'FACULTY' for approval.

Prof. Chaulami Desai
Chairman,
Board of Studies-Place of the meeting
Science Sarvajani University Office Sign 

The Course Curriculum approved by the **Faculty of Science** in the meeting held on 10-12-2021 and was recommended to 'ACADEMIC COUNCIL' for approval.

Prof. Chaulami Desai
Chairman &
Dean, Faculty of Place of the meeting
Science Sarvajani University Office Sign 

The Course Curriculum approved by the 'Academic Council of Sarvajani University' in the meeting held on 10-12-2021.

Prof. Persi Engineer
Chairman, Academic Council
& Hon'ble Provost, Place of the meeting
Sarvajani University Sarvajani University Office Sign 

- The approved curriculum of Master of Science (Environmental Science) is with effect from the Academic year 2021 - '22 and to be reviewed before 2024 - '25

SARVAJANIK UNIVERSITY
Faculty of Science
M.Sc Environmental Science



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Faculty of Science

M.Sc. Environment Science



SARVAJANIK UNIVERSITY
Faculty of Science

M.Sc Environmental Science

Introduction:

This program is an exploration into the science that directly affects us all on a daily basis, and that will likely increase in its significance to us in field of Environment. Student will be introduced to the scientific study of our environment, as well as the technological, social, political and economic challenges required for the understanding and critical examination of related issues.

Some important features of the program are as below:

1. M. Sc. Environmental Science Programme will run on Credit Base Choice System.
2. The programme run on semester system and each semester will be of fifteen (16) Weeks.
3. The whole programme will be of two years (Four Semesters).
4. Proposed Teaching and Examination Scheme will be as per Annexure-I.
5. Syllabus of M. Sc. Environmental Science course will be as per Annexure-II.
6. Examination system and passing standards will be as per Sarvajanjik University and UGC-CBCS Norms.

Objectives of programme:

1. To aware the student about how science and the scientific method address environment systems and issues.
2. To acquire students about the Earth's major natural systems, how these systems function, and how they are affected by human activity.
3. To provide knowledge the sustainability, and unsustainability, of various interactions between human society and the Earth's natural systems (i.e. energy use and generation, resource consumption and economics, food production).

Eligibility Criteria for M.Sc. Environmental Science:

A candidate must have passed the Bachelor's Degree in biological science or equivalent. The candidate who has passed equivalent exam from other subjects or boards need to avail eligibility certificate for this programme from the Board of Equivalence (BoE) of the Sarvajanjik University.

Eligibility Criteria for M.Sc. Environmental Science in Industrial Safety and Management:

A candidate must have passed the Bachelor's Degree in biological science or equivalent / Bachelor's Degree in Chemistry / Fire-safety or equivalent, Bachelor's Degree in Engineering in Chemical / Environmental or equivalent subject. The candidate who has passed equivalent exam from other subjects or boards need to avail eligibility certificate for this programme from the Board of Equivalence (BoE) of the Sarvajanjik University.

Eligibility Criteria for M.Sc. Environmental Science in Environmental Management:

A candidate must have passed the Bachelor's Degree examination in any subject with English as one of the subjects in any semester. The candidate who has passed equivalent exam from other subjects or boards need to avail eligibility certificate for this programme from the Board of Equivalence (BoE) of the Sarvajanjik University.



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Faculty of Science

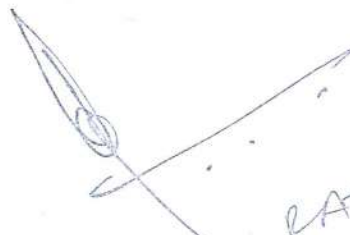
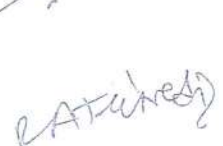


M.Sc Environmental Science

Credit Structure (Annexure-1)

Semester	Subject group	Group credits	Total credits/semester	Total credits
1, 2 and 3	DSC-1	12	24	72
	DSC-2			
	SEC-1	6		
	DSE-1	6		
4	Dissertation	16	24	24
	Seminar	4		
	Review of Publication	4		
Total				96

Evaluation Scheme:

Semester	Subject group	Internal					External	Grand Total
		CCE	Assign.	Attend.	Int. Exam.	Total Int.		
1, 2 and 3	DSC-1	50	10	10		70	30	100
	DSC-2	50	10	10		70	30	100
	SEC-1	50	10	10		70	30	100
	DSE-1	50	10	10		70	30	100
	Practicals		20	20	100	140	60	200
Total						420	180	600
4	Dissertation	140		20	50	210	90	300
	Seminar	60	15		30	105	30	100
	Review of Publication	60	15		30	105	30	100
Total						420	150	600

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Faculty of Science
M.Sc Environmental Science



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M.Sc. Environment Science

Semester - IV



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Faculty of Science
M.Sc Environmental Science

Faculty: Science	Department: Environmental Science
Program: M. Sc. Environmental Science	Type of Subject: Theory + Practical
Subject: Dissertation, Review Paper, Seminar	
Semester- IV	

180 Hours

- 4.1 Dissertation
- 4.2 Review Paper
- 4.3 Seminar



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A handwritten signature in black ink, appearing to be 'Pravin', written over a horizontal line.

A handwritten mark in black ink, consisting of a circle with a vertical line through it, resembling a stylized 'P' or a similar symbol.