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Master of Science (M.Sc.) Soil Science & Agricultural Chemistry

[Acharya N. G. Ranga Agricultural University, \[ANGRAU\], Guntur](#)



2 Years



Post Graduate



Full Time



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Master of Science (M.Sc.) Soil Science & Agricultural Chemistry

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About M.Sc in Soil Science & Agricultural Chemistry

Students also visited

A two-year postgraduate degree curriculum that digs into the finer points of soil research, mainly for agricultural applications. It is designed to provide advanced scientific knowledge on soil formation, mineralogy, classification, and mapping; biological, physical, chemical, and fertility evaluation of soils; fertilizer use, soil ecology, soil erosion, soil and water protection, preservation and management, crop residue studies, and bio-fertilizers application in administration of soil strength on a global scale. Soil and mineralogy, soil hydrology, soil genesis, radioisotopes, crop research, and other topics are covered in the Masters' in Soil Science & Agricultural Chemistry programme.

It also focuses on soil, soil structure, soil characteristics, and soil management for human benefit. The course study also focuses on the importance of soil as well as renewable resources. Growing demand for soil for food production and soil degradation, according to experts in the affected region. The program teaches students how to build controllable and long-term agricultural production plans.

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Eligibility for Master of Science (M.Sc.) Soil Science & Agricultural Chemistry

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Candidates must have a B.Sc. degree with a minimum of 50% aggregate to be eligible for the exams. There are no age restrictions.

Benefits of Master of Science (M.Sc.) Soil Science & Agricultural Chemistry

M.Sc. Soil Science & Agricultural Chemistry is a course that covers a wide range of topics related to both understanding soil structure and establishing sustainable agricultural techniques. After completing a B.Sc., a student should pursue this course. Due to the following factors, in a similar field:

Students learn skills in sustainable development, soil structure analysis, and excellent agricultural practices, among other things.

The backbone of agricultural economic growth is soil and soil functional services.

Soil is the foundation of all agricultural, forestry, and fishing production systems. Soil retained water and nutrients to make them available to crops, grazing areas, forests, and vegetations for optimal growth and development.

Soil offers a cost-effective way of transferring money from one nation to another.

The course study deals with solar radiation, the environment, ground and underground water, and biological and ecological resources that impact soil.

This function of soil affects millions of individuals, either directly or indirectly. As a result, without this soil-in government or non-government role, millions of employment may be lost.

Oil, gold, metal, heat, limestone, potash, water, and other rich natural resources are stored in the soil.

Future Scopes after Master of Science (M.Sc.) Soil Science & Agricultural Chemistry

Students who complete their M. Sc. in Soil Science can work as Research Assistants, Lab Technicians, Scientists, Field Officers, Managers, Professors, Researcher and Accountants, Statistician, and so on. M.Sc. Soil Science graduates in India have a wide range of career opportunities.

Some pupils may be interested in pursuing with PhD studies and research works.

Career and Job Opportunities after Master of Science (M.Sc.) Soil Science & Agricultural Chemistry

Candidates who finish the course will work in a range of soil conservation departments, soil testing laboratories, including agriculture, soil water management departments, educational institutions, forestry, mine reclamation, archaeology, landscape projects, and agricultural production.




Soil researchers, soil scientists, soil surveyors, landscape planners, soil water conservationists, and college instructors are among the top occupations for M.Sc. in Soil Science & Agricultural Chemistry graduates.

Wetland Specialist, Crop Production Specialist, Crop Consultant, County Conservationist, Hydrologist with Board of Health, Watershed Technician, Hydrologist with Board of Health, Agronomists, Soil Specialist Ecologists, Soil Pedologists, and other positions are available to graduates of the course.

The annual pay ranges from INR 2 lakh to INR 10 lakh on average.

Fee and Duration of Master of Science (M.Sc.) Soil Science & Agricultural Chemistry

The annual fee for studying this course is between INR 5,000 and INR 5 lakh. The Duration of this course is 2 Years.

 Campus	University	 Delivery Mode
Guntur	Acharya N. G. Ranga Agricultural University	Online
Eligibility	 Duration	 Type of Course
	2 Years	



B.Sc. in
(Agriculture/Forestry),
or any other relevant
equivalent

Post
Graduate

Syllabus of Master of Science (M.Sc.) Soil Science & Agricultural Chemistry

1st Year OR 1st & 2nd Semester Syllabus of M.Sc. in Soil Science & Agricultural Chemistry

S.no	Subjects
1	Soil Chemistry
2	Soil Mineralogy, Genesis, Classification and Soil Survey
3	Soil Fertility & Fertilizer Use
4	Soil Biology & Biochemistry
5	Physical Chemistry of Soils
6	Management of Problem Soils & Water
7	Soil Water and Air Pollution
8	Principles and practices of Organic Farming
9	Soil Mineralogy, Genesis, Classification & Survey

2nd Year OR 3rd & 4th Semester Syllabus of M.Sc. in Soil Science & Agricultural Chemistry

S.No	Subjects
1	Analytical Techniques & Instrumental Methods in Soil & Plant Analysis
2	Disaster Management
3	Seminar
4	Research
5	Strategic Management
6	Entrepreneurship Development
7	Business Policy and Strategic Analysis
8	Industrial Training and Seminar

Acharya N. G. Ranga Agricultural University, [ANGRAU], Guntur Highlights



University Type	State University
Recognized by	UGC , AIU , ASCI ,
Courses	12

Top Courses

Management
Pharmacy
Science
Law

Top Institue

Amity University Jaipur
Chandigarh University
Manipal University, Jaipur
Kalinga University
SGT University

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