



**KERALA AGRICULTURAL UNIVERSITY**

**PROSPECTUS FOR ADMISSION TO  
B.SC.-M.SC. (INTEGRATED)  
CHEMISTRY**

**2023-2024**

## INTRODUCTION

Kerala Agricultural University is known for its strong academic programs and research in agriculture and allied fields. The B.Sc.-M.Sc. (Integrated) Chemistry program at Kerala Agricultural University is a five-year integrated course that seamlessly combines undergraduate and postgraduate studies in chemistry. This program offers an interdisciplinary approach, integrating theoretical knowledge with practical applications, preparing students for a successful career in the ever-evolving field of chemistry.

The curriculum of the B.Sc.-M.Sc. (Integrated) Chemistry program is carefully crafted to provide a strong foundation in chemistry while incorporating essential elements from related disciplines. The program covers a wide range of subjects such as organic chemistry, inorganic chemistry, physical chemistry, analytical chemistry, biochemistry, polymer chemistry, and environmental chemistry. Students will also engage in laboratory work, research projects, and fieldwork to gain hands-on experience and develop critical scientific skills.

## COURSE OBJECTIVES

- **Fundamental Knowledge:** To provide students with a strong foundation in the principles, theories, and fundamental concepts of chemistry across various sub-disciplines, such as organic, inorganic, physical, analytical, and biochemistry.
- **Laboratory Skills:** To develop hands-on laboratory skills and techniques, enabling students to conduct experiments, analyze data, and interpret results accurately.
- **Problem-Solving Abilities:** To enhance student's problem-solving and critical thinking abilities to address complex chemical challenges and analyze chemical phenomena.
- **Application of Chemistry:** To understand the practical applications of chemistry in various industries, including pharmaceuticals, materials science, environmental science, and energy production.
- **Research Aptitude:** To nurture research aptitude and encourage students to undertake independent research projects, fostering innovation and scientific inquiry.

The details of course are given below:

<b>a.</b>	Name of Course	B.Sc.-M.Sc. (Integrated) Chemistry
<b>b.</b>	Name of Institution	College of Climate Change and Environmental Science,
<b>c.</b>	Number of seats	30 Students per year (10 seats reserved for NRI/International students)
<b>d.</b>	Duration of Course	10 semesters (5 years)
<b>e.</b>	Eligibility	Candidates who have completed Plus Two/Higher Secondary/equivalent examination in the Science stream with Physics, Chemistry, and Mathematics as compulsory subjects with a minimum of 60% marks. Backward communities and SC/ST candidates will get relaxation in marks as per the university rules.
<b>f.</b>	<b>Fee Structure</b>	
	Admission Fee	₹10,000/
	Semester Tuition Fee	₹40,000/-per semester for general seats. US\$ 1500/- (₹124,000/-) per semester for NRI/ International seats.
<b>g.</b>	Medium of Instruction	English

<b>h.</b>	Accommodation	Candidates have to make own arrangements for boarding and lodging
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*\* The fee will be subject to revision from time to time at the discretion of the University.*

**3. SELECTION**

The selection of candidates will be based on KAU Entrance Examination

**4. SYSTEM OF TEACHING AND EVALUATION:**

Credit-based semester system with the existing pattern of Kerala Agricultural University

**FOR MORE DETAILS ABOUT THE COURSE, CONTACT:**

DR. P O NAMEER  
Dean, College of Climate change and Environmental Science  
Email: [nameer.po@kau.in](mailto:nameer.po@kau.in)  
Mobile: 9446573106

*For admission related queries, contact +91 487-243 8132/8136 (10 AM to 5 PM on working days) or email to [admissions@kau.in](mailto:admissions@kau.in)*

**DIRECTOR OF EDUCATION**

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