



KERALA AGRICULTURAL UNIVERSITY

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

BIOLOGY

2023-2024

1. INTRODUCTION

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

The curriculum of the B.Sc.-M.Sc. (Integrated) Biology program is carefully crafted to provide a strong foundation in biology while incorporating essential elements from related disciplines. This integrated program is meticulously crafted to provide students with a seamless transition from undergraduate to postgraduate studies, enabling them to embark on a comprehensive educational journey in the fascinating realm of biological sciences. Through a combination of theoretical knowledge, hands-on laboratory experiences, and practical fieldwork, students will delve into diverse sub-disciplines of biology, ranging from genetics and molecular biology to ecology and biodiversity.

COURSE OBJECTIVES

- **Fundamental Knowledge:** To provide students with a strong foundation in the principles, theories, and fundamental concepts of biology across various sub-disciplines, such as molecular biology, cell biology, genetics, ecology, and physiology.
- **Laboratory Skills:** To develop hands-on laboratory skills and techniques, enabling students to conduct experiments, analyze data, and interpret results accurately in biological research settings.
- **Problem-Solving Abilities:** To enhance students' problem-solving and critical thinking abilities to address complex biological challenges and analyze biological phenomena, such as understanding disease mechanisms or ecological interactions.
- **Application of Biology:** To understand the practical applications of biology in various industries, including biotechnology, medicine, environmental conservation, agriculture, and pharmaceuticals.
- **Research Aptitude:** To nurture research aptitude and encourage students to undertake independent research projects, fostering innovation and scientific inquiry in the field of biology.

The details of course are given below:

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|----|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| a. | Name of Course | B.Sc.-M.Sc. (Integrated) Biology |
| b. | Name of Institution | College of Climate Change and Environmental Science, Kerala Agricultural University |
| C | Number of seats | 30 Students per year (10 seats reserved for NRI/International students) |
| d. | Duration of Course | 10 semesters (5 years) |
| e. | Eligibility | Candidates who have completed Plus Two/Higher Secondary/equivalent examination in the Science stream with Physics, Chemistry, and Biology/Mathematics as compulsory subjects with a minimum of 60% marks. |
| f. | Fee Structure | |
| | Admission Fee | ₹10,000/- |

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|-----------|-----------------------|----------------------------------------------------------------------------------------------------------------|
| | Semester Tuition Fee | ₹40,000/-per semester for general seats. US\$1500/- (₹124,000/-) per semester for NRI/ International seats. |
| g. | Medium of Instruction | English |
| h. | Accommodation | Candidates have to make own arrangements for boarding and lodging |

** 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 an 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:

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

Director of Education
