

KEY BENEFITS OF B.Sc. (Hons) INTEGRATIVE BIOLOGY AT SRM AP

- The coursework and hands-on research, an integral part of our curriculum, will enable students to investigate questions central to modern biology and medicine. The biology faculty is dedicated to supporting undergraduate research, and we encourage students to do summer training/internships in the laboratory for a substantial research experience. Biology graduates will be informed citizens who can identify, comprehend, and gauge the impact of new discoveries in the field of modern biology.
- Graduates will stand poised to pursue a broad range of careers in biological and medical research, public and global health, science policy, law and intellectual property, business, education, and science writing.
- Faculty with Ph.D. from world renowned research institutes and universities.
- State-of-the-art instrumentation for conducting undergraduate and postgraduate research projects.
- Opportunity to work with faculties on research projects sanctioned by govt. agencies like DST, DBT, etc.,
- Excellent mentoring on preparing for postgraduate studies.
- Possibility of conducting collaborative research projects and internships at various industries and other premier research institutes in India and abroad.
- Fellowships for meritorious students.



**ARE YOU
READY TO
INVENT
THE FUTURE?**

STUDY BIOLOGY AT SRM-AP

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SRM University,

AP - Andhra Pradesh, Mangalagiri Mandal,
Guntur District, Andhra Pradesh - 522502

Email: admissions@srmmap.edu.in

Visit us: www.srmmap.edu.in

Call: +91-866 242 9299 | 1800-599-2233

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OVERVIEW

The mysteries of life have fascinated mankind for centuries and cutting-edge research reveals something new and startling ever so often. This research is conducted by biologists with a passion for life. The Department of Biology fuels that passion and imagination with the help of its internationally recognized staff and state-of-the-art facilities for research.

Biology as a science is not only an interesting discipline to pursue, but also an employable qualification which can offer a lot of scope in different industries, thereby forging life-science aspirants into what they truly are – industry leaders and pioneers in the field.

KEY POINTS

The department offers a 3-year B.Sc. (Hons) degree program in Integrative Biology. The course covers 6-semester and the duration of each semester is 6 months. The minimum educational qualification required to apply for the course is 10+2 in the science stream completed from a recognized educational board. The department offers 3 year B.Sc. (Hons) degree program in Integrative Biology with an optional 4th year Diploma to candidates who wish to pursue higher studies abroad. The fourth year study involves a semester independent project at the university or abroad.

- The course includes extensive classroom teaching, tutorials, and laboratory practical sessions.
- In the final year, students will work with a research group on a small research project which will help to develop scientific skill.
- Students will be continuously assessed through various class tests, quizzes, and assignments throughout the course. Apart from this, from time to time students are encouraged to present scientific papers and assignments which give them confidence and help in public speaking. The high faculty to student ratio provides immense opportunity to students for day-to-day interactions with the teachers. The university offers a range of financial assistance for deserving students.
- The B.Sc. (Hons) programme in Integrative Biology offers a comprehensive list of contemporary courses towards the goal of imparting well-rounded training to the students in theoretical and practical knowledge to be able to effectively acquire the ever evolving and rapidly changing knowledge prerequisites for jobs and research opportunities. The students can earn a minor in any other subject of their choice in any of the departments of SLABS to brighten job opportunities.



DEGREES OFFERED

- **B.Sc. (Hons.) in Integrative Biology**
- **Ph.D. in Biology**
- **3+1 Year. 3 Year B.Sc Integrative Biology Plus One Year Diploma**

SCOPE AND CAREER OPPORTUNITIES

The comprehensive coverage of all contemporary subjects in biology including Microbiology, Biochemistry, Molecular Biology, Cell Biology, Virology, Recombinant DNA Technology, Biotechnology, Biophysics, Computer Science, Bioinformatics, etc. enables the students to be successful in the National and International competitive examinations for higher studies and employment in the public, pharmaceutical, healthcare, research and education employment sectors.

- Wide selection of minor/elective subjects of their choice to enrich the knowledge base.
- Problem-based curricula to help in clearing National level exams (e.g. National Entrance Examinations for M.Sc. and Int. Ph.D. programs).
- Higher studies in reputed institutes (National and international).
- University placements.
- Can take part in research projects in cutting edge areas of research.



JOB PROFILES & TOP RECRUITERS

B.Sc. Biology graduates can find jobs in various sectors such as educational institutes, healthcare industry, pharmaceuticals and biotechnology industry, food industry, research institutes, testing laboratories, wastewater plants, etc.

Following are popular job profiles for B.Sc. Biology Graduate

- **Higher education like M.Sc., MBA, etc.**
- **Scientific assistant**
- **Market Research Analyst**
- **Quality Control Manager**
- **Teacher**
- **Technical Writer**
- **Lab Chemist**