Biosciences and Biotechnology

COURSE PRESENTATION

The Bachelor Degree in Biosciences and Biotechnology is an interclass degree: it consists of a common first year, where the student is provided with a solid base in mathematics, physics, chemistry, and cell biology, followed by a second and third year when the student follows either the program leading to the Biology or Biotechnology degree. Upon enrollment in the interclass degree, students must indicate the qualification desired (Biology or Biotechnology); however, the final decision between the two program degrees can be delayed to the third year, provided that the missing credits have been fully covered.

The course benefits from a friendly and skillful teaching staff and reliable supporting structures, such as laboratories, libraries, in addition to dedicated tutorship services.

The Bachelor in Biosciences and Biotechnology is in the geo-biological-scientific group which ranked third in Italy for the quality of education in the ranking of Italian Universities (CENSIS, Ranking 2023/2024).

ADMITTANCE REQUIREMENTS

High-school diploma that satisfies the requirements for access to university education, i.e. conferred on completion of a minimum of 12 years of education.

Level of language proficiency required: ENGLISH level B1 (Threshold level).

Further information on admission rules, pre-admission deadline and other services at http://international.unicam.it

http://orientamento.unicam.it/

CAREER OPPORTUNITIES

The curriculum in Biology is appropriate for students desiring a focused, in-depth grounding in all the essential elements of the biological sciences, and is particularly suitable for students intending to pursue graduate study in biological and applied sciences.

The curriculum in Biotechnology focuses on the study of biological processes of living organisms. Students learn the skills needed to naturally manipulate processes in the development of new medicine, food and organic substances. This course provides students with a basic knowledge for the study of biotechnology with an emphasis on DNA technology, cell and molecular biology, and a wide range of practical skills, supplemented with relevant aspects of ethics law and business.

In both programs, the foundation of knowledge, plus laboratory experience, prepares students to function effectively in a variety of technical and laboratory research settings.

The graduates in Biosciences and Biotechnology are also qualified for access to Master courses in either biological and biotechnological fields, by which they could achieve higher professionalism and also access to doctoral courses in biology or related fields.

Classes will be held face to face in the University halls but it is possible to attend them also in streaming. Practical activities and laboratories will be organized in different modalities that will be communicated at the due time.

COURSE STRUCTURE

There are two Semesters, from October to the end of January, and from March to mid-June. The Winter Exam Session is in February. The programme of study is structured on a comprehensive core curriculum that is common to both Biology and Biotechnology majors but, upper-division level, coursework is designed to achieve a deeper education in specialized areas of Biology or Biotechnology.

The course programs also offer flexibility through electives.

Completion of the degree program requires an internship carried out by the student under the supervision of an UNICAM tutor. An internship is a practical experience to be carried out in the university laboratories or in the workplace that offers the student an opportunity to apply, connect, and extend academic theory and competencies to build professional skills and network.
Test for background knowledge
The test, that usually is held before the beginning of classes, is mandatory for the freshmen of all Bachelor Degrees, but it does not affect in any way the enrollment. It is in fact possible to finalize the enrollment before taking the test.

Other informations after the Bachelor’s degree
The graduate in Biosciences and Biotechnology is adequately qualified to access Master’s Degree courses both in the biological and biotechnological sectors, with which he/she will be able to achieve higher professionality and then access to PhD courses in Biology or in related sectors.

Quality Assurance System
UNICAM Quality Management System Certificate ISO 9001:2015 (from AFAQ-France, a French leader and one of the first certification bodies at the global level) guarantees students the quality of services provided. The guarantee is via a rigorous analysis of internal organizational procedures and the prompt addressing of any weaknesses or shortcomings whether detected or reported by the students themselves.

The Quality Management System includes the following support services for students: orientation and guidance, mentoring, International mobility, Internships and communication. These integrate with and support the educational activities, so as to contribute to the complete training of the student.

Student Services
Guidance
https://orientamento.unicam.it/

Scholarships
- Welcome in Unicam for master’s degrees
- Talent in Unicam for merit students
- Unicam/Cus per sport students
https://www.unicam.it/studente/servizi-studenti/borse-di-studio

“Carlo Urbani” School of Higher Studies
https://scuolastudisuperiori.unicam.it/

Counseling and psychological well-being
https://www.unicam.it/studente/servizi-studenti/servizio-di-consulenza-psicologica

Services for Students with Disabilities and DSA
https://disabili.unicam.it/

Internships and Placements
https://stage.unicam.it/
https://placement.unicam.it/

Welcome and International mobility
welcoming international students and mobility programs
https://international.unicam.it/

Information
Open
Monday–Wednesday–Friday 10.30–13.00
Tuesday–Thursday 15.00–17.00

Guidance
via Gentile III da Varano, 2 – 62032 Camerino
0737 404606 - 404622 – 403727 orientamento@unicam.it

Adress Student Office
via Gentile III da Varano 26 – 62032 Camerino
Ticketing: https://segreteria让学生e.unicam.it/

Contributions and registrations
Procedure available at https://miiscrivo.unicam.it/ from 3 luglio
Personalized fees on the basis of the ISEE-U
Total or partial tuition fees exemptions

More information
https://www.unicam.it/didattica/guida-dello-studiene
Students International
https://international.unicam.it/ e-mail: welcome@unicam.it

Educational services, Classrooms, Lesson timetables
https://www.unicam.it/studente

Bachelor’s Degree and Master’s Degree Programmes
https://www.unicam.it/didattica

a.y. 2024/2025