



Università degli Studi di Firenze

Chemistry of Biological Molecules

The University of Florence offers a two year Master's degree program in "Chemistry of Biological Molecules". The course is open to students from all over the world with a Bachelor's degree in chemistry, biochemistry, biology, biotechnology or physics. Students with other backgrounds can also be admitted on a case-by-case basis. Good knowledge of spoken and written English is requested.

The course would provide credits (ECTS) in the following topics:

Advanced biochemistry
Bioelectrochemistry
Chemistry of natural products
Lab activities
Physical chemistry of biomolecules

Advanced organic chemistry
Bioinorganic chemistry
Genetics
Metallome
Structural investigation of biomolecules

Bioanalytical chemistry
Bioorganic chemistry
Labour law
Molecular biology
Structure and dynamics of biomolecules

All courses are taught by professors who are performing world-class research in the field. A number of them belong to the infrastructure Center for Magnetic Resonance (<http://www.cerm.unifi.it>), which is part of the European infrastructure in Integrated Structural Biology (<http://www.instruct-fp7.eu>). Hands-on laboratory course work and individual research projects are an integrated and essential part of the program. All courses are given in English.

For the obtainment of the Master's degree, students will carry out a research project in one of the research laboratories affiliated with the Master's degree program. Individual courses can also be taken for transfer to other degree programs.

For further information, please contact the Head of the Course:

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You can also visit the website of the University of Florence at <http://www.unifi.it>, the website of the Polo Scientifico of the University at <http://www.polosci.unifi.it> or the Chemistry website at <http://www3.unifi.it/clchim>.