SAFETY ASSESSMENT OF XENOBIOTICS AND BIOTECHNOLOGICAL PRODUCTS

DURATION COURSE: 2 years  
CREDITS: 120 ECTS

The implementation of regulatory frameworks for chemicals, plant protection products, biocides, pharmaceuticals, food contaminants, and cosmetics by international authorities has resulted in an increased demand for trained health risk assessors, worldwide.

The aim of the Master course in Safety Assessment of Xenobiotics and Biotechnological Products (SAXBi) is to provide specific knowledge in the analysis and the assessment of risk, in order both to initiate research on the novel methodologies and to achieve excellent professional competence.

Career prospects
By graduating in SAXBi you will be qualified to assume positions of high responsibility in:
- public administrations, for control, implementation and management of human health and environmental protection
- food, cosmetics, pharmaceutical, chemicals and biotech companies
- contract research organization for drug and chemical toxicity testing
- public and private companies for implementation of appropriate risk assessment (RA) procedures
- private sectors as consultants for RA of chemicals, food contaminants, water and air pollutants
- public and private research institutions

Admission criteria
Limited enrolment with admission test. Foreign students can take the admission test remotely. Application opens within June 2016. Places assigned: 45. Places reserved to non-EU students resident abroad: 15.

Access to SAXBi Master programme is granted to graduated in Biotechnologies (L-2) and Pharmacy (L-29), or equivalent qualification, provided that they pass the mandatory access test.

Graduates in different disciplines will be admitted to take the mandatory test only if they have acquired knowledge in: Analytical chemistry, General chemistry, Organic chemistry, Physiology, Biochemistry, Molecular biology, Applied biology, Toxicology/Pharmacology.

Scholarships are available for outstanding students.

Subjects and Methodology
SAXBi Master programme will give you the methodological background, knowledge and skills necessary to:

- assess risks arising from production and use of chemicals and biotechnological products, through the integrated development of different areas including legislation, chemistry, toxicology and pharmacology, biotechnology, and risk analysis.

Students will be encouraged to spend study and internship periods at our partner universities in Europe, which include UK, Netherlands and Sweden, within the Erasmus + Program.

Contact details
For any further information please contact us at: saxbi@unimi.it

Why the University of Milan, Italy
By studying at the University of Milan you will:
- join in the only Italian institution of the League of European Research Universities
- live in Milan, the exciting city of finance, fashion, design and art
- experience the thrill of a unique insightfulness for innovation.

Incentive grants and Italian language classes
Being an international student you can apply for special incentive grant programmes - Exploit your Talent and Excellence Scholarships – and learn Italian language while studying, through our beginners and intermediate intensive courses.