



# IBISA

## INNOVATIVE BIOINSPIRED MATERIALS FOR SUSTAINABLE APPLICATIONS

### ABOUT THE PROJECT



**The two-year Master's joined degree program** offers high-quality education, combining competencies in fundamental research, applied science and technology.



**The programme** will integrate chemistry (inorganic and organic synthesis, physical chemistry, analytical chemistry, biochemistry, industrial chemistry), nanotechnology, biotechnology, bioengineering, and forestry.



**The goal** is to educate international students oriented on the emerging area of bioinspired materials applied in crossdisciplinary broad range of chemistry, environment, green energy, forestry, nanomedicine, and sustainable production and consumption.



**The graduates** will master sustainable, innovative chemistry, including biomimetic approaches, bioinspired and smart (stimuli-responsive) materials, and advanced techniques for their characterisation. Breakthrough technologies for sustainable use of natural resources, and life cycle assessment are in special focus.



**Soft skills** including team working, intercultural communication and global competences are trained and developed by studying in international environments.

### IBISA PROJECT CONSORTIUM

- Linköping University, Sweden
- Poznan University of Technology, Poland
- University of Cantabria, Spain
- University of Catania, Italy
- University of Mons, Belgium
- Vietnam National University of Forestry, Vietnam



LINKÖPING  
UNIVERSITET



UC | Universidad  
de Cantabria



UNIVERSITÀ  
degli STUDI  
di CATANIA



### WHY CHOOSE US?

- high-level integrated cross-national study programme at Master's level
- high-quality education at recognized universities
- best teaching interdisciplinary modes from experienced teachers and researcher
- collaboration in international environments
- preparation for a successful career as practitioner or researcher in innovative sectors
- friendly academic environment
- participating in a summer school
- international mobility of students
- modern campuses and well-equipped laboratories
- abundance of services available for students



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