

“UNIVERSITA DEGLI STUDI ROMA TRE”



The department of Science of the University of Roma Tre was founded in 2013 and integrates different subjects such as Biology, Chemistry, Physics of Matter and Earth Science, which share the methods of scientific research led through the production of experimental data and the consequent elaboration of theories and models of interpretation. The priority objectives of the department are:

- a) to set up a pole of reference in the fields of Biology, Chemistry, Physics of Matter and Earth Science which will be able to develop basic and applied research and provide quality education.
- b) to promote scientific excellence, declined in its functions of research and advanced teaching, also through a distribution of resources which takes into account the evaluation criteria adopted at national level by independent monitoring bodies and the ability to manage projects and raise funds from outside.
- c) to develop innovative and multi-disciplinary lines of research through the integration of different scientific expertise.
- d) to strengthen international cooperation in the various fields of research.
- e) to increase, through the development of applied research, collaboration with local authorities, private and public companies.
- f) to provide high quality educational offer which combines the theoretical educational activities with a significant part of experiences of experimental and laboratorial nature, integrating basic training with a specific professionalizing training which can meet the requests of the world of work
- g) to continue and strengthen the initiatives already in place to promote the internationalization of education.
- h) to promote both the organized doctoral training in doctoral schools and research doctorates.

The Department of Science sets itself as an integrated high-quality scientific and didactic structure, in which the scientific competences in a wide spectrum of disciplines provide the basis for the

development of lines of research and of innovative didactic and interdisciplinary activities which can compete in the various national and international fields.

The research areas in which we are currently developing research programs are: molecular, cellular, environmental and evolutionary science, biomedical sciences and technologies, nanosciences and nanotechnologies and geological sciences.

In the Department of Science there are 92 professors of different subjects, 30 in role units of administrative and technical staff, twenty research fellows and grant holders and 100 postgraduate students. There are advanced laboratories in each subject and the department is holding numerous national and international research projects; it provides technological services and consulting at high level in the fields of environmental, molecular, cellular and sanitary biology, in the field of structural geology, seismology and hydrogeology, in the field of materials science, in particular in the field of fine characterization of materials through the use of light sources of synchrotron and neutron.

The Department organizes three year degree courses in Biological Sciences, Geological Sciences, Optics and Optometry and master degree courses in Management of Ecosystems and Biodiversity, Biology for Molecular Cellular and Physiopathological Research and Geology of Land and Resources; the total number of students enrolled in graduate programs of the Department is about 1500 units. It hosts four doctoral courses in Biomedical Sciences and Technologies, in Molecular, Cellular and Environmental Biology, in Science of Matter, Nanotechnologies and Complex Systems and in Earth Science.