

Department of Agricultural, Environmental and Food Sciences

Profile

n. 1 Three-years term Researcher contract at full time according to the art. 24, paragraph 3, letter b) of the Law 240/2010 and further modifications and integrations for the SSD CHIM/01 –Analytical Chemistry, Competitor Sector 03/A1- Analytical Chemistry.

Place of work: Department of Agricultural, Environmental and Food Sciences - University of Molise, 86100 – Campobasso.

Department where the Candidate will work: Department of Agricultural, Environmental and Food Sciences, University of Molise.

Specific functions which the professor will have to perform

- Programs of the teaching activities, tutoring and research:

The candidate will be able to carry out teaching activities, also integrative and tutoring to the students within the Bachelor Degrees and the Master Degrees in Agricultural and Forestry Science and Technologies, in Food Sciences and Technology, in Agricultural Sciences and Technologies, and within the Ph.D. courses in Agrarian Technologies and Biotechnologies referred to the Scientific Disciplinary Sector CHIM/01 – Analytical Chemistry, at the University of Molise. The frontal teaching activities and the laboratory exercises will be assigned to the researcher by the Department of Agricultural, Environmental and Food Sciences. The researcher must have proved skills in teaching and tutoring and research for the disciplines of the specific Scientific Disciplinary Sector CHIM/01 – Analytical Chemistry. Particularly, the skill must be proved for the teaching: General Analytical Chemistry, Instrumental Analytical Chemistry, Applied Analytical Chemistry and Environmental and Cultural Heritage Chemistry.

- Objectives of scientific productivity (publications, conferences, other types of products) and quality of the scientific production:

The candidate will have to adopt research objectives of high international profile with publications in significant/relevant International journals which will enable the researcher to give a significant contribution in the Italian Research Evaluation (VQR) of the Department of Agricultural, Environmental and Food Sciences. The research activity must be performed in the Scientific Disciplinary Sector CHIM/01 – Analytical Chemistry, with particular regard to the study, development and application of analytical and sampling methods for the qualitative and quantitative determination of chemical compounds in food, agricultural, biological and anthropogenic fields, and in particular for the evaluation of inorganic and organic contaminants present at trace and ultra-trace levels in food and environmental (air, water and soil) matrices, as well as necessary studies for the evaluation of the environmental and human health risks related to the exposure/ingestion of such compounds.

Foreign language required: English.

Maximum number of publications to be presented: 15 (fifteen).

Process through which the researcher should report periodically and at the end of the contract the results of the work done: report on the research and teaching activities performed.