

Component 9 Support for the private sector, research, development and innovation
Investment 8 "Development of a program to attract highly specialized human resources from abroad in research, development and innovation activities"

PNRR/2022/C9/MCID/I8

University of Craiova

Str. A.I. Cuza, no. 13, Craiova – 200585 Romania

CONTEST ANNOUNCEMENT

UNIVERSITY OF CRAIOVA, as Beneficiary, within the project "Nonlinear Differential Systems in Applied Sciences", financing contract CF 760112/23.05.2023, financed by the National Recovery and Resilience Plan, Call no. PNRR-III-C9-2023-I8, announces the competition for a vacant post, as follows:

- Ph.D. student position

- Type of employment contract: Full-time individual employment contract
- Estimated contract start date: 01.03.2026
- Employment period: determined, until 30.06.2026
- Location: University of Craiova, Str. A.I. Cuza, no. 13, Craiova 200585

General conditions of participation:

a) has Romanian citizenship or the citizenship of another member state of the European Union, of a state party to the Agreement on the European Economic Area (EEA) or the citizenship of the Swiss Confederation;

b) by way of exception to the condition provided for in letter a) foreign nationals may also be employed, in compliance with the regime established for them by specific legislation and labor legislation;

c) has work capacity in accordance with the provisions of Law no. 53/2003 - Labor Code, republished, with subsequent amendments and additions;

d) has a state of health corresponding to the position for which he is applying, attested on the basis of the medical certificate issued by the family doctor or by the competent health units;

e) fulfills the specific conditions according to the requirements of the position put up for competition;

f) has not been definitively convicted for committing a crime against national security, against authority, against humanity, corruption or service crimes, forgery or against the administration of justice, crimes committed with intent that would make a candidate for the position incompatible with the exercise of the contractual position for which he is applying, except for the situation in which rehabilitation has taken place;

g) he does not serve a complementary punishment by which he was prohibited from exercising the right to occupy the position, to exercise the profession or trade or to carry out the activity that was used to commit the crime or the security measure of the prohibition of employment was not taken against it a function or the exercise of a profession;

h) did not commit the crimes provided for in art. 1 paragraph (2) from Law no. 118/2019 regarding the automated national register regarding persons who have committed sexual crimes, exploitation of certain persons or against minors, as well as for the completion of Law no. 76/2008 regarding the organization and operation of the National Judicial Genetic Data System, with subsequent amendments, for the areas provided for in art. 35 para. (1) lit. h).

Job specific conditions:

a) The candidate is Ph.D. student in Applied Sciences.

b) The candidate is a "Ph.D. student" according to the Instructions within the projects related to the investments of Component 9 "Support for the private sector, Research, Development and Innovation" of the National Recovery and Resilience Plan issued by the Ministry of Research, Innovation and Digitization

c) The candidate has a solid background in the mathematical modeling of gamma radiation transport through matter using transport equations and differential and integral models, the analysis of attenuation, absorption and scattering processes, including the energy and spatial dependence of the radiation flux, the description of the response of the environment and the detector through nonlinear models that include losses and multiple interaction effects, the correlation of theoretical models with gamma spectrometry data through numerical and statistical methods, the evaluation of the stability of solutions and the propagation of uncertainties in the estimation of radiation intensity and distribution.

Competition procedure: file analysis in 17.02.2026

The results of the selection of competition files are displayed with the mention "admitted" or "rejected". Each member of the competition committee will individually award grades between 1 and 10. The final grade represents the arithmetic mean of the grades given by each member of the committee. Ranking of candidates will be done according to the final average.

Note: This position is open to all applicants regardless of their gender, religion, race or sexual orientation, the project team rejects any type of discrimination.

Calendar of the competition:

Date of publication of the announcement: 23.01.2026

Submission of files: until 15.02.2026, at the University of Craiova, room C309 (on weekdays, between 9:00 a.m. and 3:00 p.m.), Central building, Str. A. I. Cuza, no. 13, or online at: radulescu@inf.ucv.ro

Date of displaying the results of the file analysis: 17.02.2026, on the website of the University of Craiova www.ucv.ro and on the project website <https://ndsas.ucv.ro/>

Submission of appeals: 18.02.2026, between 9:00-15:00, room C309.

Date of displaying the final results: 20.02.2026, on the website of the University of Craiova www.ucv.ro and on the project website <https://ndsas.ucv.ro/>

The registration file must contain the following documents:

1. The candidate's application for enrollment addressed to the Rector of the University of Craiova, requesting enrollment in the competition for the vacancy, dated and signed by the candidate, approved by the director of the institute and registered within the legal enrollment period;
2. Copy of identity document and copies of documents certifying the change of name, if applicable;
3. Copy of the doctor's diploma;
4. List of scientific papers;
5. A letter of recommendation;
6. Medical certificate certifying the appropriate state of health, issued by the candidate's family doctor or by the authorized health units no more than 6 months before the competition;
7. Criminal record or declaration on his own responsibility that he has no criminal convictions that would make him incompatible with the position for which he is applying, with the completion of the competition file (up to the date of the first competition test) with the original criminal record.
8. the certificate of behavioral integrity from which it appears that no crimes have been committed under art. 1 paragraph (2) from Law no. 118/2019 regarding the automated national register regarding persons who have committed sexual crimes, exploitation of certain persons or against minors, as well as for the completion of Law no. 76/2008 regarding the organization and operation of the National Judicial Genetic Data System, with subsequent amendments, for candidates registered for positions within the education, health or social protection system, as well as any public or private entity whose activity involves direct contact with children, elderly people, people with disabilities or other categories of vulnerable people or which involves the physical examination or psychological evaluation of a person;
9. curriculum vitae, common European model.

*The competition registration form can be found on the institution's website www.ucv.ro.

Additional information can be obtained at the email address: radulescu@inf.ucv.ro