

Field Name	Description
University	„Aurel Vlaicu” University from Arad
Faculty	Institute for Interdisciplinary Research (ICID)
Department	-----
Position in the Staffing Chart	No. 65
Position	Scientific Researcher Grade II permanently
Disciplines from the Curriculum Plan	-----
Scientific domain	Engineering of Plant and Animal Resources
Job Description for the Position Announced for Competition	<b>The position of Scientific Researcher Grade II, position no. 65, includes the following:</b> Within the framework of 40 weekly hours, totaling 1,640 annual hours, the role involves conducting research, development, and innovation activities in Plant and Animal Resource Engineering. The focus is mainly on analyzing and characterizing biological and food products using advanced chromatography, spectrometry, and electron microscopy techniques.
Responsibilities/Activities Associated with the Position Announced for Competition, Including the Research Load and Types of Activities Included in the Research Norm	<p>Actively contributes to implementing and completing research projects won within the Interdisciplinary Research Institute (ICID), including conducting tests and experiments contracted through external orders or agreements.</p> <p>Engages in applied research to develop and optimize spectroscopic and microscopic methods of analysis tailored to current requirements in the field of food product engineering.</p> <p>Participates in national and international research project competitions to secure funding for the development of the field (at least one project per year).</p> <p>Contributes to the dissemination of research results by publishing at least three scientific papers annually in internationally indexed journals (WoS/BDI), participating in at least three international conferences annually, and presenting results at scientific events, symposia, courses, and seminars.</p> <p>Represents ICID at fairs, exhibitions, and other public communication events to promote innovative results. Participates in the organization of meetings, workshops, and other relevant events related to research, innovation, and development activities within ICID.</p> <p>Monitors the operation of ICID infrastructure, reporting or coordinating the resolution of any malfunctions to ensure the optimal performance of research activities.</p> <p>Participates in the development of interdisciplinary collaborations with other departments, universities, or research centers to integrate new perspectives and methods into ongoing projects. Contributes to the mentoring and training of young researchers, doctoral students, or interns involved in research projects, ensuring the transfer of knowledge and best practices in microscopy and applied research.</p>

	Participates in professional training courses, webinars, and workshops to stay updated on trends and technologies in the field. Ensures compliance with safety regulations in the laboratory and adherence to ethical research standards in accordance with current legislation and institutional guidelines.
The minimum starting salary for the position at the time of employment	8120 lei
<b>COMPETITION SCHEDULE</b>	
The announcement's publication date in the Official Gazette of Romania, Part III / on the UAV website.	Official Gazette of Romania, Part III, no. 395, dated November 28, 2024
Registration start and end period	<b>28.11.2024-27.12.2024</b>
Date, day of the week, and time of the competition tests	<b>Thursday, 30.01.2025 12-14, public lecture</b>
Location of the competition tests	Universitatea Aurel Vlaicu din Arad, , str. Elena Drăgoi, nr.2, Arad, sala L31
The dates of the competition tests, including lectures, courses, etc.	<b>Public lecture 30.01.2025 Time: 12.00</b>
The date of the result announcement	<b>30.01.2025</b>
Start and end period for appeals	<b>31.01.2025-02.02.2025 Timetable: 9-12</b>
The bibliography and topics for the competition tests, including lectures, courses, or similar, or the topics from which the competition committee may choose the actual test topics.	<b>Lecture Topic:</b> A free presentation on the most significant professional achievements and future career development plans.
Description of the Competition Procedure	For the position of Scientific Researcher Grade II, the following cumulative requirements are necessary (under the internal competition methodology M03):  a) Holding a doctoral degree in the field of the advertised position or in a related field; b) Having led at least one national or international research grant as a principal investigator; c) A minimum university study average of 8.00 (as per art. 5(6) of the M03 methodology); d) Meeting the national minimum standards according to the verification sheet of the Environmental Engineering Committee

	<p>(CNATDCU), as stipulated in the Order comprising the national mandatory minimum standards approved under art. 156 para. (1) letter a) and para. (2) of the Higher Education Law no. 199/2023, with subsequent amendments and additions, valid at the time the position is advertised.</p> <p>The higher education institution announces the date, time, and location of the competition tests on its website.</p> <p>The competition for the position of Scientific Researcher Grade II consists of:</p> <p>A public lecture lasting at least 45 minutes, in which the candidate presents their most significant prior professional achievements and their plan for future career development. This test must include a mandatory question-and-answer session with the committee and the audience. This test accounts for 20% of the final competition score. The remaining 80% is based on the score obtained for meeting the mandatory minimum standards for the advertised position, evaluated through a minimum required score.</p> <p>The competition committee evaluates the candidate based on the following aspects:</p> <ul style="list-style-type: none"> <li>a) Compliance with the minimum criteria imposed by CNATDCU and the university's minimum standards, through an analysis of the verification sheet for meeting the university's minimum standards, which must be signed by all committee members (the chair will sign each page of the respective sheet);</li> <li>b) The relevance and impact of the candidate's scientific results;</li> <li>c) The candidate's ability to mentor students or young researchers;</li> <li>d) The candidate's research skills;</li> <li>e) The candidate's ability to transfer their knowledge and results to the economic or social environment or to promote their scientific results;</li> <li>f) The candidate's ability to work in a team and the effectiveness of their scientific collaborations, depending on the candidate's field of expertise;</li> <li>g) The candidate's ability to lead research and development projects;</li> <li>h) The candidate's professional experience in institutions other than UAV.</li> </ul>
<p>The complete list of documents that candidates must include in the competition file in accordance with the provisions and templates from U.A.V.'s own methodology.</p>	<ul style="list-style-type: none"> <li>a) Cover page of the file, according to the model in Annex 12.</li> <li>b) File table of contents (list of documents in the competition file, the number of pages for each document, and the page where the document is located) according to the model in Annex 13.</li> <li>c) Application form for the competition, signed by the candidate, including a declaration under their own responsibility regarding the accuracy of the information presented in the file, registered at the</li> </ul>

U.A.V. Registry (Annex 2).

d) Proposal for the development of the candidate's university career in printed and electronic format, addressing both teaching activities (for teaching positions) and scientific research activities. The proposal, written by the candidate, should not exceed 10 pages and is one of the main criteria for distinguishing between candidates.

e) Candidate's CV in printed and electronic format, prepared according to Article 11 (must include information on studies and diplomas obtained; professional experience and relevant workplaces; research-development projects led as project director, indicating the funding source, amount, and main publications or patents; awards or recognition for scientific contributions).

f) The candidate's printed and electronic works list is prepared according to Article 16.

g) Verification form for meeting the university's minimum standards for competition, using the standard format provided in Annex 4 of the internal methodology. The form must be completed and signed by the candidate and accompanied by evidence of criteria fulfillment in electronic format.

h) Documents proving possession of a doctoral degree: copy or certified copy of the doctoral diploma, and, if the original doctoral diploma is not recognized in Romania, a certificate of recognition or equivalence.

i) Documents proving possession of the habilitation certificate in the field of Environmental Engineering, if applicable.

j) Summary of the doctoral or habilitation thesis in Romanian and an international language, a maximum of one page per language.

k) Declaration under the candidate's own responsibility indicating situations of incompatibility as stipulated by the Higher Education Law no. 199/2023 in case of winning the competition or the absence of such situations (Annex 8).

l) In cases specified in Article 4, paragraphs (5) and (6), certified copies of documents proving possession of the relevant medical titles.

m) Copy of the Official Gazette where the position was advertised.

n) Copies of other diplomas certifying the candidate's studies: high school diploma or equivalent; bachelor's degree or equivalent; master's degree – certified copies accompanied by the diploma supplement/academic transcript.

o) Certified copy of the identity card or, if unavailable, a passport or another equivalent identity document.

p) If the candidate has changed their name, copies of documents proving the name change – marriage certificate or proof of name change, certified copy.

q) A maximum of 10 publications, patents, or other works selected by the candidate, considered most relevant to their professional

	<p>achievements, in electronic format.</p> <p>r) Birth certificate – certified copy.</p> <p>s) List the names and contact addresses of at least three field experts who have written recommendation letters and the corresponding recommendation letters prepared according to Article 13.</p> <p>t) Criminal record certificate.</p> <p>u) Behavioral integrity certificate.</p> <p>v) Medical certificate issued on a specific form adopted by a joint order of the Minister of Education and the Minister of Health.</p> <p>w) Medical approval for exercising teaching and research professions, issued according to the provisions of the joint order of the Minister of Education and the Minister of Health.</p> <p>x) Competition file CD (must contain all documents submitted physically in the file, as specified in points d-q, and those in electronic format). The documents included in the file should be scanned in *.pdf format.</p> <p><u><i>All previously mentioned documents required as notarized copies can be submitted as simple copies if verified against the original at the university's headquarters by the designated person from the university secretariat.</i></u></p>
Candidates are required to submit their competition files to the following address.	<b>“Aurel Vlaicu” University of Arad, Revoluției Boulevard no. 77, Arad County, Postal Code 310130, Arad, Romania.</b>
Methodology	According to the internal methodology, M.03 is displayed on the UAV website.

Prepared by,  
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