

Model 1 – PROFILE (Cod.Ud'A 2024/050)

a selective procedure for the recruitment of **1 fixed-term Tenure Track Researcher (RTT)** is hereby announced in compliance with art. 24 of the Italian Law 240/2010 as converted by art. 14 comma 6-decies of the L.D. no. 36/2022 converted with amendments by the L. 79/2022, GSD 09/IMAT-01 MATERIALS SCIENCE AND TECHNOLOGY (ex S.C. 09/D1) SSD IMAT/01-A MATERIALS SCIENCE AND TECHNOLOGY (ex ING-IND/22), activated for the needs of study and research of the Department of Ingegneria e Geologia

- **date of the resolution of the Department** which identified GSD and S.S.D (disciplinary-scientific group and academic discipline) for fixed-term Tenure Track Researcher (RTT) under art. 24 of Law n. 240/2010: cdd (resolution of Department) of 25/06/2024 prot. 54791/2024 del 11/07/2024;
- **Date of the resolution of the Department** which identified the profile according to art. 3 paragraph 2 of the University Regulation for the recruitment of fixed-term Tenure Track Researcher (RTT): cdd (resolution of Department) of 18/10/2024 81569/2024 del 22/10/2024 + urgency resolution of 6/12/2024, prot. n. 98300/2024 of 6/12/2024;
- **Date of the resolution of the Department** which identified weights of elements subject to evaluation: no specific resolution were taken; please refer to the ranges identified in the procedure.
- **Date of the resolution of the Department** which identified minimum eligibility score: cdd (resolution of Department) of 18/10/2024 81569/2024 del 22/10/2024;
- **Minimum eligibility score:** 60 (sixty);
- **Reserved to:**
 - X **External staff from University G. D'Annunzio;**
 - or
 - **RTD-A or Research Fellow (reservation applicable until 31/12/2026);**
- **Disciplinary-scientific group:** G.S.D. 09/IMAT-01 MATERIALS SCIENCE AND TECHNOLOGY (ex S.C. 09/D1);
- **Academic Discipline:** S.S.D. IMAT/01-A MATERIALS SCIENCE AND TECHNOLOGY (ex ING-IND/22);
- **Specific functions required to the research assistant:**
 - **Teaching duties:** The researcher will have teaching activities in the fields of Materials science and technology, in agreement with the aims of the Courses offered by the Department of Engineering and Geology;
 - **Scientific duties:** the candidate will carry out research activities, as per the declaratory of SSD IMAT-01/A in GSD 09/IMAT-01, connecting with the topics of interest of the Department of Engineering and Geology. Preferably, the research activity should focus on one or more of the following topics:
 - innovative materials (both single-component and composite) for the realization of sustainable, intelligent and energy-efficient buildings and building components, in terms of both synthesis/formulation and characterization and application, including materials optimized for advanced process technologies such as, for example, 3D printing.
 - innovative materials (both single component and composite) for tissue engineering, in terms of both synthesis/formulation and characterization and application, including materials optimized for advanced process technologies such as, for example, 3D printing;
 - **Third mission duties:** the candidate should, in addition, be able to collaborate in the preparation and implementation of third-party funded projects in national and international settings while also assuming responsible roles, as well as to develop third mission activities;
 - **Clinical care activity:** not expected;
 - **Time Commitment:** Full time;
- **Rights and obligations:** as laid down by the provisions in force for the legal status of fixed term research assistants, and by the current Code of Ethics of the University;
- **Duration:** 72 months non-renewable;
- **Salary:** Euro 44.640,92 with application of the 20% increase equivalent to the remuneration due to the permanent researchers confirmed class high of 20%increase / as required by current legislation on the matter, and in particular by the D.P.R. 12/15/2011, n. 232 and subsequent economic adjustments provided by law;
- **Maximum number of publications:** 12 (twelve);
- **Foreign language whose adequate knowledge will be assessed with reference to the multi-lingual profile of the University, namely the academic teaching needs in foreign language degree courses:** English;

- **Mean of assessment of knowledge of the foreign language, or knowledge of Italian for foreign candidates:** interview;
- **Funding:** University Funds, as in the resolution of the Administration Council of the 30/07/2024 and agreed from the financial Area;
- **The specific research activity will focus on the following project:** “Characterisation and development of materials and biomaterials for sustainability”
- **The scientific production objectives:** 1 article for the first year and a total of 14 additional articles for a total of 15 articles over the planned six years, all in peer-reviewed journals indexed on Scopus/Web of Science;
- **Mean of assessment of scientific qualification:** by assessment of qualifications, curriculum, scientific production and an interview, under and for the purposes of Art. 24 of Law no. 240/2010