

## TEMPLATE FOR ADVERTISING RESEARCH POSTS

based on indications given by par. 4.4.1 of the  
"Report of the Working Group of the Steering Group of Human Resources Management under the  
European Research Area on Open, Transparent and Merit-based Recruitment of Researchers"

**Recruiting Department/Research Unit:** Department of Political Sciences, Communication and International Relations

**Title:** *Design of artificial intelligence algorithms for multimedia data analysis.*

### Offer description:

The research activity focuses on the application of artificial intelligence algorithms for the analysis and processing of multimedia data, including images and videos. The aim is to develop advanced tools for automatic information extraction, classification and interpretation of multimedia content. Through the use of deep learning techniques, models are created that are able to identify complex patterns, recognise semantic elements and improve the automatic understanding of content. This activity aims to generate new knowledge and support the development of innovative solutions.

### Researcher career profile:

- *R1 First Stage Researcher (up to the completion of PhD)*

For further details <https://euraxess.ec.europa.eu/europe/career-development/training-researchers/research-profiles-descriptors>

**Location:** Macerata, Italy

### Type of contract:

*Choose among:*

- *temporary*

### Job status

*Choose among:*

- *full time*

**Expected start date and duration of the contract:** 6 (six) months. The exact start date will be provided after the selection process.

**Annual gross salary:** € 9.600,00.

**Selection criteria:** Master's degree in Marketing, Computer Engineering, Computer Science. field Data analysis with artificial intelligence artificial intelligence.

### Preferential selection criteria:

1. Knowledge of programming languages C, C++, Python;
2. Documented professional experience, not less than 6 months, in activities relevant to those indicated 1. in the call for applications;
3. Scientific publications in international journals;
4. Participation in international conferences of renowned value for the field.

**Application deadline:**

07.04.2025, 12:00 p.m.

**Full details are available at:** <https://www.unimc.it/it/ateneo/bandi-e-concorsi/finanziamenti-ricerca/bandi-assegni-ricerca>

**Enquiries can be made to** Ufficio Ricerca nazionale e open science – [ufficio.ricerca@unimc.it](mailto:ufficio.ricerca@unimc.it)

**DISCLAIMERS**

- The University of Macerata has adopted an OTM-R (Open, Transparent and merit-based Recruitment) policy within the framework of its Human Resources Strategy for Researchers; see <https://www.unimc.it/it/ricerca/hrs4r/la-policy-otm-r-open-transparent-and-merit-based-recruitment-of-researchers>
- The University of Macerata pursues an equal opportunities and diversity policy as well. Among facilities, a kindergarten is available for university's employees. Specific facilities and services are also dedicated to employees with disabilities (transportation services, specific technologies for studying).