# Job posting

<table>
<thead>
<tr>
<th>Type of position</th>
<th>Target group</th>
</tr>
</thead>
<tbody>
<tr>
<td>☒ scientific</td>
<td>☒ graduates</td>
</tr>
<tr>
<td>☐ administrative</td>
<td>☐ post docs</td>
</tr>
<tr>
<td>☐ other</td>
<td>☐ other</td>
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</tbody>
</table>

## Title
### University assistant predoctoral

## Institution

At the University of Vienna, more than 10,000 people work together towards answering the big questions of the future. Around 7,500 of them are scientists who, with their curiosity and continuous demand for excellence, conduct top-level international research and teaching. Are you also looking for the right space to develop your potential?

Among the many good reasons to want to research and teach at the University of Vienna, there is one in particular, which has convinced around 7,500 academic staff members so far. They see themselves as personalities who need space for their continuous striving and curiosity in order to be able to be scientifically successful. Does that sound like something for you? Welcome to our team!

### What we offer:

**Work-life balance:** Our employees enjoy flexible, family-friendly working hours, remote/hybrid and/or part-time work (upon agreement).

**Inspiring working atmosphere:** You are a part of an international academic team in a healthy and fair working environment.

**Good public transport connections:** Your workplace in the center of beautiful Vienna is easily accessible by public transport.

**Internal further training & Coaching:** Opportunity to deepen your skills on an ongoing basis. There are over 600 courses to choose from – free of charge.

**Equal opportunities for everyone:** We look forward to diverse personalities in the team!

## Position

52 Faculty of Chemistry  
Job vacancy starting: 10/02/2023  |  Working hours: 30.00  |  Classification  
CBA: §48 VwGr. B1 Grundstufe (praedoc)  
Limited contract until: 10/01/2027  
Job ID: 1259

### Your personal sphere of influence:

A PhD position for a university assistant (praedoc) is available at the Institute of Physical Chemistry at the Faculty of Chemistry. The group of Chemical Sensing and Rapid Analysis at the University of Vienna mainly focusses on designing novel biomimetic sensing systems. The group enjoys a worldwide reputation of being at the forefront of polymer-based and self-organized sensing layers. The position is advertised for 4 years, starting with a contract duration of 1,5 years which will automatically be extended to a duration of 4 years, unless the employer does submit a nonextension notification after 18 months.
Responsibilities

The successful candidate will focus developing molecularly imprinted thin films for nano- and microparticles and on characterizing them regarding their properties as sensor layers in gas and liquid phase. The work will also comprise different analytical techniques (e.g. scanning probe microscopy, vibrational spectroscopy) to characterize layers and their interactions with analyte particles.

The advertised position comprises participation in research, teaching and administration, i.e.:
- Participation in research projects/ research studies
- Participation in publications/ academic articles/ presentations
- We expect the successful candidate to sign a doctoral thesis agreement within 12 months.
- We expect the successful candidate to join the Doctoral School for Chemistry of the University of Vienna
- Participation in teaching and independent teaching of courses as defined by the collective agreement
- Supervision of students

Requirements

- Masters degree in Chemistry from a university
- Previous experience in analysis
- Previous experience in (polymeric) materials
- Fluency in English: written and oral
- Very good knowledge of German: written and oral
- Experience in data acquisition software
- Experience in synthesizing polymers is an advantage
- Basic experience in research Methods

Application procedure (deadline etc.)

We look forward to new personalities in our team!
The University of Vienna has an anti-discriminatory employment policy and attaches great importance to equal opportunities, the advancement of women and diversity. We lay special emphasis on increasing the number of women in senior and in academic positions among the academic and general university staff and therefore expressly encourage qualified women to apply. Given equal qualifications, preference will be given to female candidates.

Application documents:
- letter of motivation including research interests
- academic curriculum vitae
- list of publication, evidence of teaching experience (if available)
- degree certificates

Please apply via the job portal of the University Vienna.

Data protection

Application deadline: 10/19/2023

Contact

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