

**Applied Sciences for Life** – This claim describes the unique range of subjects at Weihenstephan-Triesdorf University of Applied Sciences, all of which clearly and consistently focus on the life sciences. The university serves approximately 6.000 students in degree programs located at three different campus location (Freising, Triesdorf, Straubing), making us one of the most important green universities in Europe.

The Bioinformatics Research Lab (<https://bit.cs.tum.de>) located at the Technical University of Munich, Campus Straubing for Biotechnology and Sustainability, Germany (as cooperating research institute with the Weihenstephan-Triesdorf University of Applied Sciences), offers the following full-time position:

**Research Scientist (f/m/d)**  
**Identification Number S79**

The position is initially limited to 3 years.

**Job Description:**

We are seeking highly motivated candidates for a scientific research position, either a Postdoctoral Researcher or a Ph.D. Student, to develop novel bioinformatics and machine learning methods to analyze complex biological data.

- You will work on problems in biology to gain a better understanding of genotype-phenotype relationships and of biological and (bio-)chemical processes.
- You will develop novel computational and machine-learning based methods for analyzing multiple types of biological data, including sequencing and imaging data
- You will develop and enhance cloud-based applications for biological data analysis
- You will write scientific publications and present your results at international conferences
- You will assist in teaching courses at the Technical University of Munich, Campus Straubing for Biotechnology and Sustainability

**Your Profile:**

- Experience and interest in the following areas: bioinformatics, machine learning, artificial neural networks, statistics and the analysis of OMICS data
- Strong programming background (e.g. Python, C/C++)
- Scientific curiosity, ability to work in a team and self-motivated working style
- Fluency in written and spoken English

**Requirements:**

Strong academic background and university degree (Master or Ph.D.) in bioinformatics, computer science, statistics, physics or related field.

**Please Note:**

The starting date will be at the earliest date possible. Pay scale in accordance with the collective agreement for the public service (TV-L). Severely disabled candidates are preferably employed in case of essentially equal suitability, competence and professional performance. Qualified female candidates are explicitly encouraged to apply for this position.

If you are interested in this position, please apply directly to the online form on the [homepage](#) of the HSWT ("Apply for this job") until **27<sup>th</sup> of October, 2020** including a statement of interest, CV, transcripts and copies of certificates (Bachelor, Master or Ph.D.). Applications via mail or e-mail cannot be accepted.

**For further information please do not hesitate to contact us:**  
Hochschule Weihenstephan-Triesdorf (HSWT), Am Hofgarten 4, 85354 Freising

**For organisational or application specific questions:**

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**For specialized questions:**

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or

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**For questions regarding severe disability or equality:**

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