

## Associate Professor

Ecole/Institution/Société:

**ÅBO AKADEMI UNIVERSITY, Finland / Turku**

Discipline:

**Applied Mathematics**

Type d'emploi::

**Full-time**

Date de publication:

**2022-04-27**

Personne à contacter:

**If you wish to apply for this position, please specify that you saw it on AKATECH.tech**

### **Associate Professor/Professor in Didactics of the Mathematical Sciences**

Åbo Akademi University (ÅAU) is an internationally acknowledged research university with an extensive responsibility for providing education in Swedish in Finland. With its in-ternational research community and its strong Nordic ties, Åbo Akademi University has an acclaimed and recognized position within research and education both nationally and in-ternationally.

The Faculty of Education and Welfare Studies is a dynamic and boundary-breaking environment in which a wide range of research is conducted, including research within the University's minority profile. The faculty's areas of activity include study programs in Education, Health sciences and Social sciences.

Åbo Akademi University (ÅAU) invites applications to a position as Assistant professor, Associate Professor or Professor in Didactics of the Mathematical Sciences at the Faculty of Education and Welfare studies,.

The recruitment is carried out following ÅAU's tenure track system (<https://www.abo.fi/en/tenure-track-at-aau/>). A fixed-termed tenure track position as Assistant Professor and Associate Professor includes the opportunity to obtain a tenured position and advancement to full professorship after successful evaluation. An appointment to full Professor is permanent.

The subject field didactics of the mathematical sciences (didactics of mathematics, physics and chemistry) includes leading and developing education and research within the subject group for mathematical sciences at the Faculty of Education and Welfare Studies. The staff within the subject didactics of the field of mathematics and science comprises, in addition to the vacancy, a university lecturer, five university teachers, and other researchers affiliated with the subject.

#### **WORK TASKS AND QUALIFICATIONS**

- The mathematical sciences have a prominent position in the Finnish education system. The vacant position is responsible for the didactics of the mathematical sciences in teacher training for all educational levels of the education system. The subject field includes in particular the didactics of mathematics but also physics and chemistry.
- The appointee will lead the planning and implementation of teaching and research within the field of the didactics of the mathematical sciences at the Faculty of Education and Welfare Studies. The appointee is expected to initiate research and development that benefits the

mathematical sciences at all educational levels in Finland. Particular emphasis is placed on research that aims at a broader view of mathematical sciences as teaching sciences, development of teaching methods and a new view of learning.

- The appointed professor's tasks include conducting and leading scientific research, providing research-based education, following developments in science, raising funding for research, participating in societal interaction and in national and international co-operation within his or her field of responsibility in accordance with the Universities Act (558/2009). In the Åbo Akademi University Regulations on Personnel is generally stated the duties and tasks of assistant professors, associate professors, and professors.

Detailed information regarding the position and its defined field of activity, qualification and language requirements, evaluation criteria, the recruitment process and a description of the activities of the department are found in the appointment plan: [http://web.abo.fi/befattningar/2022/Appointment\\_plan\\_Professor\\_Didactics\\_Mathematical\\_Sciences.pdf](http://web.abo.fi/befattningar/2022/Appointment_plan_Professor_Didactics_Mathematical_Sciences.pdf)

### **LANGUAGE REQUIREMENTS**

For the position in question, it has been decided that foreign applicants and non-native Finnish citizens can be exempted from the requirement for Finnish. Teaching on the subject is given in Swedish but also English. For a successful management of the assignment as a professor in the didactics of mathematical subjects, knowledge of Swedish and English is required.

The teaching and examination language of Åbo Akademi University is Swedish. For employment to a teaching position, native Finnish citizens are required to have excellent proficiency in Swedish and sufficient proficiency in Finnish. The language requirements at Åbo Akademi University are defined in Section 78 of the University Act (558/2009) and in the Åbo Akademi University internal language instructions (accepted by the University Board 25 February 2010). For instructions regarding demonstration of language skills, please see <https://www.abo.fi/information-om-sprakkunskapskrav-for-sokande-till-undervisningsbefattningar/>

Foreigners and non-native Finnish citizens are exempt from the requirement to have knowledge of Finnish. Teaching within the subject is given in Swedish but also in English. In order to successfully manage the duties as Professor in Didactics of the Mathematical Sciences, proficiency in Swedish and English is required.

### **SALARY AND WORK TIME**

The Assistant Professor's salary is set on demand levels 5-6, the Associate Professor's salary is set on demand levels 6-7 and the Professor's on demand levels 8-11 for teaching and research personnel in the salary system of Finnish universities, <https://www.sivista.fi/wp-content/uploads/2020/04/Salary-Scales-010820-and-010621.pdf>. In addition, a salary component based on personal work performance will be paid.

Teachers and researchers have a total working time of 1,612 hours per year.

### **APPLICATION**

Submit your electronic application via the ÅAU recruitment system ([www.abo.fi/rekrytering](http://www.abo.fi/rekrytering)). For guidelines on the electronic application, please see <https://www.abo.fi/en/instructions-for-submitting-an-application/>.

### **The application should include the following enclosures:**

- A curriculum vitae (CV) and a complete list of publications in compliance with the TENK

- model, (<https://tenk.fi/en/advice-and-materials/template-researchers-curriculum-vitae>)
- Copies of degree diplomas and language certificates.
  - A teaching portfolio. Instructions for the portfolio are available at [https://web.abo.fi/befattningar/Pedagogical\\_portfolio2021.pdf](https://web.abo.fi/befattningar/Pedagogical_portfolio2021.pdf)
  - A separate list of a maximum of 10 publications that the applicant has chosen to demonstrate his or her competence. The publications should be available electronically and the applicant will provide links to the publications in the list of publications or upload them to a separate system for file transfer.
  - A research plan (max. 5 pages).
  - A description of the applicant's view on the position and visions about the future development of the subject (max. 4 pages).
  - The applicant's contact details (phone number, email and address) as well as contact details to three references that the appointment committee can contact if needed.

## **INFORMATION**

For questions regarding the position, please contact Professor Christina Nygren-Landgärds, [christina.nygren-landgards@abo.fi](mailto:christina.nygren-landgards@abo.fi). For questions regarding the recruitment process, please contact HR-specialist Malin Österholm-Liljedahl, [malin.osterholm-liljedahl@abo.fi](mailto:malin.osterholm-liljedahl@abo.fi).

Åbo Akademi University is working for equal gender distribution and diversity in all staff categories.

## **Job details**

**Title:** Associate Professor/Professor in Didactics of the Mathematical Sciences (tenure track)

**Employer:** Åbo Akademi University

**Location:** Domkyrkotorget 3 Turku, Finland

**Job type:** Assistant / Associate Professor, Professor, Tenure Track

**Field:** Didactics, Mathematics Education

Personne à contacter:

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