



LUND UNIVERSITY

Faculty of Science

Faculty Office

Personnel Manager Gunilla Thylander

PUBLIC NOTICE

1 (2)

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PA 2011/480

Lund University announces an opening for a limited position:

Senior University Lecturer in Mathematics with Specialization in the Didactics of Mathematics

Lund University is one of Europe's leading universities. Here, history and tradition lay the ground for the study and research environments of tomorrow. We offer education and research within engineering, science, law, social sciences, economics and management, humanities, theology, fine art, music and theatre. Through interaction with business and the community we ensure that knowledge and innovations benefit society. The University has 47 000 students and 6 300 staff from all over the world, based mainly in Lund, Malmö and Helsingborg. We work with 680 partner universities in more than 50 countries. Find more information on www.lu.se.

The Centre for Mathematical Sciences consists of three departments: Mathematics LTH with Numerical Analysis (for the School of engineering), Mathematical Statistics, and Mathematics NF (for the Faculty of Science). The main research area of the department of Mathematics NF is analysis (differential equations and spaces of analytic functions). Other research areas are differential geometry and Lie theory. For more information see <http://www.maths.lu.se/>

Basic facts regarding the position

Reference no: 480

Closing date for applications: September 30, 2011 (extended period of application)

Date of appointment: As soon as possible or by agreement

Placement: Centre for Mathematical Sciences, Mathematics NF (Faculty of Science)

Trades unions at Lund University: OFR, SACO and SEKO

Information about the position: assistant chairman Gudrun Gudmundsdottir, +46 46 222 8558
gudrun.gudmundsdottir@math.lu.se

Information about conditions of employment and the application process: Faculty Personnel Manager Gunilla Thylander, +46 (0)46 222 40 32, gunilla.thylander@kanslin.lu.se

Description of the position

The position entails research in the didactics of mathematics and teaching at the undergraduate level. The candidate will teach basic university courses in mathematics and possibly within the educational program for teachers in mathematics at Lund University. The duration of the position is one year.

The person is expected to actively develop a research program in the didactics of mathematics, which also includes developing collaborations with other university units and other governmental organizations, involved in this type of research.

Supervision of master's and/or bachelor's theses and work related to outreach to schools may be included.

Qualifications

Those qualified for appointment as a senior lecturer, except in disciplines in the fine, applied or performing arts, are according to the Swedish Higher Education Ordinance, a person who has demonstrated teaching expertise and been awarded a PhD or has the corresponding research competence or some other professional expertise that is of value in view of the subject matter of the post and the duties that it will involve. Ordinance (2010:1064).

In addition documented research skills in the areas, as defined by the description of the position above, are required. Excellence in teaching is required and should be well documented by the applicant. Preference is given to candidates with a doctorate in the didactics of mathematics.

Experience of independent research in the didactics of mathematics is desirable and experience of research on university and high-school students' learning of mathematical analysis is especially desirable. The ability to teach and communicate both in Swedish and in English is necessary. Initiative and the ability to share knowledge and collaborate both inside and outside the academy are important personal properties.

The assessment criteria for appointment as a senior lecturer, according to the Swedish Higher Education Ordinance, shall be the degree of the expertise required as a qualification for employment. As much attention shall be given to the assessment of teaching expertise as to the assessment of other qualifying criteria laid down in the first paragraph above. Each higher education institution determines itself what assessment criteria are otherwise to apply to the appointment of a senior lecturer. Ordinance (2010:1064).

Regulations for the evaluation of qualifications for teaching positions are given in *Lund University Teacher Appointment Regulations* and in Lund University's *Strategic Plan*.

The personal abilities to successfully fulfil the duties of the position, will also be required. The University strives to achieve an even gender balance. Therefore, applications from the underrepresented gender, in this case, women are encouraged.

Required content of the application

The Faculty Board has specified instructions for the application and its accompanying documents. These can be found at the Internet address:

<http://www.naturvetenskap.lu.se/o.o.i.s/11729>
(<http://www.naturvetenskap.lu.se/anstallning>)

Information can also be obtained upon request by e-mail or ordinary mail.

By commission

Gunilla Thylander