

The University of Stavanger (UiS) has about 12,000 students and 1,700 employees. We are the only Norwegian member of the European Consortium of Innovative Universities. The university has high ambitions. We will have an innovative and international profile, and will be a driving force in knowledge development and in the process of societal change. Together with our staff and students, we will challenge the well-known and explore the unknown.

Department of Mathematics and Physics is part of the Faculty of Science and Technology. The department offers study programs at all levels within the areas Mathematics, Statistics and Physics. The department is responsible for all basic tuition in mathematics, physics and statistics at the faculty. There are currently 40 employees including doctoral and postdoctoral fellows, and 100 students at the department.

Associate Professor in mathematics

The University of Stavanger is seeking to appoint Associate Professors in mathematics. One permanent position and a three year temporary position (from 01.01.2019 - 31.12.2021).

Duties and academic community

The subject area for the position is mathematics. The department wants in particular to strengthen its research within algebraic geometry and differential geometry/mathematical physics.

The position is organisationally affiliated to the Faculty of Science and Technology, Department of Mathematics and Physics.

As an Associate Professor, you will primarily teach and guide students at bachelor's, Master's and PhD level within mathematics, conduct research and disseminate research results within relevant research fields at the department, and contribute to the development of partnerships with businesses. From 2019, the Department will have the responsibility for teaching "Preparatory course for engineering students".

The development/use of digital and diverse learning methods, innovation, value creation based on results from research, and academic/artistic development work, will be included in the position. The job description gives a more detailed account of the subject area and relevant duties for associate professors.

Qualification requirements

We are seeking an associate professor with a PhD or equivalent qualification in the subject area.

Applicants with a specialisation within algebraic geometry or differential geometry/mathematical physics will be preferred, but applicants specialising in complex and harmonic analysis may also be considered.

You must be able to document pedagogical and didactic skills relating to higher education, or complete a university pedagogy course within a period of two years of the appointment start date. The course will be provided by the university.

The following attributes are also desirable:

- A reflective and conscientious attitude towards your own teaching and guidance activities.
- The ability to involve and engage students in teaching, where the course's objectives, content and assessment situations are closely interlinked.
- Experience and/or interest in the development of varied learning methods and digital tools in teaching.
- Research results published in recognised Norwegian and international publications, and references indicating progression in research and publications.
- The ability to initiate, obtain external funding for, drive forward and carry out research and development projects.
- Experience of partnerships with businesses.
- The ability to build and nurture networks - regionally, nationally and internationally.
- Experience of innovation and the commercialisation of research.
- The ability to manage a heavy workload, inquisitiveness and motivation to develop new knowledge in collaboration with others.
- Good teamwork, communication skills, and ability to contribute to a constructive working environment.

The working and teaching languages are Norwegian and English. If you do not have a good command of Norwegian or another Scandinavian language, you must acquire Norwegian language skills equivalent to level B2 within a period of two years from the start of your appointment. If required, you will be offered a Norwegian course paid for by the university.

In the absence of applicants with sufficient scientific expertise, the university may consider temporarily designating an appointee for up to three years, during which time the appointee will endeavour to gain the qualifications necessary for a permanent position. The applicant must be capable of gaining the necessary qualifications during the period of employment.

We offer:

- Varied duties in a large, exciting and socially important organisation.
- An ambitious work community which is developing rapidly. We strive to include employees at all levels in strategic decisions and promote an informal atmosphere with a flat organisational structure.
- Colleague-based guidance programme during your first year of teaching at UiS, NyTi.

- The opportunity for professional development and possibility to apply for a promotion to full professor status in accordance with national rules.
- Salary in accordance with the State Salary Scale, l.pl 17.510, code 1011, LR 24, NOK 544.400 - 646.700 gross per year. A higher salary may be considered in special cases.
- Membership of the State Pension Fund, which guarantees good pension rights. Members may apply for home investment loans at favourable interest rates.
- Favourable membership terms at a gym and at the company sports club.
- Employment with an Inclusive Workplace organisation which is committed to reducing sick leave, increasing the proportion of employees with reduced working capacity, and increasing the number of professionally active older workers.
- Home-job-home, discounted public transport to and from work.
- As an employee in Norway, you will have access to an optimal health service, as well as good pensions, generous maternity/paternity leave and a competitive salary. Nursery places are guaranteed and reasonably priced.
- Relocation programme in the event of moving to Norway, including support and language courses for spouses.

General information

Your application will be assessed by an expert committee. In the expert assessment, emphasis will be placed on submitted scientific works and documented teaching competence. The committee will also assess your experience with popularisation/dissemination activities, university politics and administration, and any other documented qualifications relevant to the position.

If a large number of applications is received, it may be necessary to reject some applications before the associated documents are sent to the expert committee for assessment. This will apply to applicants who do not satisfy key qualification requirements.

Based on the expert committee's statement, relevant applicants will be invited to an interview and a teaching demonstration before any recommendations are made.

The university aims to recruit more women to associate professor positions within subject areas. If several applicants are considered to have equal qualifications, a woman will be given them to be present at, and available to the academic community during ordinary working hours.

More information

The job description gives a more detailed account of the subject area and relevant duties. More information on the position can be obtained from head of department Bjørn Auestad, tel. +47 51831874 , e-mail bjorn.auestad@uis.no or Professor Sigbjørn Hervik, tel. +47 41581800 , e-mail sigbjorn.hervik@uis.no.

or Professor Martin Gulbrandsen (algebraic geometry), tel. +47 51831808 , e-mail martin.gulbrandsen@uis.no.

[Information](#) about the appointment procedure can be obtained from HR-advisor Janne Halseth, tel. +47 51852535, e-mail janne.halseth@uis.no.

Application

Apply for the position online via the "Apply for the position"-link on this page. Here, you can submit your application letter, relevant education and experience.

The following documents must be uploaded as attachments to your application in separate files:

- CV with a full summary of your education and experience.
- Relevant certificates and references.
- Complete list of scientific work and artistic activity.
- Up to 10 works which document your teaching and educational competence; see [Guidelines for the Assessment of Teaching Skills](#).
- Up to 10 scientific works which are pivotal to your research output, including your PhD thesis.
- Documentation of other relevant activities with regards to the position requirements.

The documentation must be available in either a Scandinavian language or in English. If the total size of the attachments exceeds 30 MB, they must be compressed before upload.

Information and documentation to be taken into account in the assessment must be submitted prior to expiry of the deadline for receipt of applications. Contact details for three references must be stated in the application or upon request.

Please note that information on applicants may be published even if the applicant has requested not to be included in the official list of applicants (see Section 25 of the Freedom of Information Act).

Job description - Associate Professor in mathematics.

Subject area

The subject area for the position is mathematics. The department's research groups in mathematics encompass:

- algebraic geometry (complex projective geometry, Calabi-Yau and related geometries, moduli spaces, stability conditions)
- differential geometry/mathematical physics (mathematical aspects of general relativity, Lie groups and invariant theory, topological field theory, dualities and mirror symmetry)
- complex and harmonic analysis (complex manifolds, Fourier analysis, several complex variables)

The department wants to prioritize the first two mentioned research areas, but not more so than allowing clearly stronger candidates in the last mentioned area to be given precedence. It is assumed that the candidate will strengthen the existing research groups at the department, and will describe in the application how he/she will do this.

Position within the organisation

The appointment is by the University of Stavanger. Within the organisation, the position is affiliated to Faculty of Science and Technology, Department of Mathematics and Physics. Information on the unit is available on our website <https://www.uis.no/faculty-of-science-and-technology/mathematics-and-physics/>. Associate professors will be able to participate in research communities across organisational units.

Relevant duties

Together with other scientific personnel, associate professors are required to:

Education

- Contribute to the development of academically strong and relevant education programmes, both within the department and at study programmes within neighbouring departments, in particular within engineering.
- Further development and strengthening of the education programmes' reputation by providing high-quality teaching and support at bachelor's, Master's and PhD level.
- Contribute to and develop relevant further education and continuing education courses.
- Facilitate students' learning in line with the learning objectives of the study programmes.
- Drive forward pedagogical development work and the production of educational aids.
- Participate in continuous training processes related to teaching and support.
- Contribute to the development of new teaching methods and the use of different digital learning resources.
- Carry out student evaluations and drive forward the continuous development of course quality.

Research development and innovation

- Conduct research and drive forward academic development within the subject area.
- Initiate, obtain external funding for, drive forward and carry out research and development projects.
- Drive forward applied business-oriented, practical profession-centred and/or socially relevant research, including assignments from and in collaboration with the public and private sectors, and the business world.
- Participate in and develop research communities in connection with university programme areas or research groups.
- Involve students in research and development work.
- Contribute to innovation and value creation based on results from research, professional and development.
- Establish networks and partnerships with researchers both nationally and internationally.

Dissemination and interface with the public and private sectors

- Disseminate research results in Norwegian and international publications.
- Drive forward popular scientific dissemination.
- Contribute to academically recognised conferences, nationally and internationally.
- Participate in academic and social debate.
- Contribute to the development of partnerships with society, culture and working life.
- Build and nurture a broad network with the private and public sector, both nationally and internationally.

Administration

- Participate in academic strategic work and in the development of new teaching subjects/disciplines.
- Facilitate examinations and participate in assessments.
- Participate on expert committees and internal assessment committees.
- Hold posts in national and international committees, as well as in UiS boards and committees.

The successful applicant will be expected to support and participate in other faculty activities and to be able to perform tasks across departments and faculties.

An annual plan for future work will be established following discussion between the head of the department and associate professor, in accordance with the university's guidelines for work-planning.

Training

UiS expects all scientific staff to undergo continuous training in relation to their own teaching and research.

During their first year, associate professors must participate in the university's colleague-based guidance programme, NyTi.

Associate professors who are unable to document sufficient pedagogic and didactic expertise with regards to higher education must complete a university pedagogy course within two years from their appointment.

Associate professors who do not have a command of Norwegian or another Scandinavian language must acquire Norwegian language skills equivalent to level B2 (in accordance with the Common European Framework of Reference for Language) within a period of two years from the beginning of their appointment.

Associate professors can apply for paid sabbaticals in accordance with the university's [Guidelines for the Granting of Sabbaticals](#).

Associate professors can apply for promotion to full professor status in accordance with Section 2-2 of the "Regulations concerning appointment and promotion to teaching and research posts".

Jobbnorge ID: 156135, Deadline: The application deadline has passed