



Norwegian University of  
Science and Technology

**Jobbnorge ID:** 215861  
**Deadline:** 1/31/2022  
**Website:** <http://www.ntnu.no>  
**Scope:** Fulltime  
**Duration:** Temporary

The Department of Mathematical Sciences has vacancies for

## Three PhD fellowships in Mathematical Sciences

### This is NTNU

NTNU is a broad-based university with a technical-scientific profile and a focus in professional education. The university is located in three cities with headquarters in Trondheim.

At NTNU, 9,000 employees and 42,000 students work to create knowledge for a better world.

You will find more information about working at NTNU and the application process [here](#).

Video: <https://youtu.be/Xt-yHCN5QS0>

### About the position

We have vacancies for three PhD fellowships at the Department of Mathematical Sciences.

Through a PhD fellowship, you will pursue a doctoral education leading to [a PhD degree](#).

The Department of Mathematical Sciences at NTNU is Norway's largest university environment within mathematical sciences with 85 permanent staff members and more than 100 doctoral students and postdoctoral fellows.

The department conducts research at an international high level within the disciplines of algebra, analysis, didactics of mathematics, differential equations, geometry/topology, numerical analysis, optimization, and statistics. Part of the research is also carried out in close cooperation with other fields of science and technology at NTNU, as well as in cooperation with industry and external research institutions.

The Department of Mathematical Sciences wants to support excellent and highly motivated candidates within any of the Department's main research disciplines. For further information about the different research disciplines see <http://www.ntnu.edu/imf/research>.

### Duties of the position

- Research at an advanced level leading to a doctoral degree.
- Teaching and other duties.

### Required selection criteria

- You must have a relevant background in mathematical sciences.
- Your education must correspond to a five-year Norwegian degree programme, where 120 credits are obtained at master's level.
- You must have a strong academic background from your previous studies, and [meet the faculty's admission requirements](#).
- MSc students in their final year are also invited to apply. Employment will then be postponed until the master's degree and master's thesis are finished.
- Good written and oral English language skills are required.

The appointment is to be made in accordance with the regulations in force concerning [State Employees and Civil Servants](#) and [Regulations concerning the degrees of Philosophiae Doctor \(PhD\) and Philosodophiae Doctor \(PhD\) in artistic research national guidelines for appointment as PhD, post doctor and research assistant](#).

### Preferred selection criteria

Preference will be given to candidates who speak Norwegian or another Scandinavian language due to the need for teaching assistance in several of the introductory mathematics and statistics courses.

## Personal characteristics

- Motivation for conducting research at an advanced level
- Ability to work independently and in a team
- Good communication skills
- Curiosity-driven

## We offer

- exciting and stimulating tasks in a strong international academic environment
- an open and [inclusive work environment](#) with dedicated colleagues
- favourable terms in the [Norwegian Public Service Pension Fund](#)
- [employee benefits](#)

## Salary and conditions

PhD candidates are remunerated in code 1017, and are normally remunerated at gross from NOK 491 200 per annum before tax, depending on qualifications and seniority. From the salary, 2 % is deducted as a contribution to the Norwegian Public Service Pension Fund.

The period of employment is 3 years with no teaching, but the Department may offer a 6 to 12 month extension with teaching and other duties.

Appointment to a PhD position requires that you are admitted to the PhD programme in [mathematical sciences](#) within three months of employment, and that you participate in an organized PhD programme during the employment period.

The appointment will be made in accordance with the regulations in force concerning State Employees and Civil Servants, and the acts relating to Control of the Export of Strategic Goods, Services and Technology. Candidates who by assessment of the application and attachment are seen to conflict with the criteria in the latter law will be prohibited from recruitment to NTNU.

It is a prerequisite you can be present at and accessible to the institution daily.

## About the application

The application and supporting documentation to be used as the basis for the assessment must be in English or Norwegian.

Publications and other scientific work must follow the application. Please note that the application is only evaluated based on the information submitted prior to the application deadline. You should ensure that your application shows clearly how your skills and experience meet the criteria which are set out above.

The application must include:

- A project plan written together with a potential advisor at the department.
- Information about education background and work experience.
- Master thesis, or a summary of the planned thesis work.
- Any relevant publications. Joint work will only be considered provided that a short summary outlining the applicant's contributions is attached.
- Certified copies of relevant transcripts and diplomas. Candidates from universities outside Norway are kindly requested to send a Diploma Supplement or similar documentation, which describes in detail the programme of study, the grading system, and the rights to further studies associated with the degree obtained.
- Contact information for at least three references.
- Documentation of fluency in the English language.

If you received all, or part, of your education from a university outside Norway, there are specific documents that you need to attach to your application. Please find a detailed description [here](#).

Applications must be submitted through [jobbnorge.no](#).

In the evaluation of the candidates, emphasis will be placed on education, relevant experience and personal and interpersonal qualities. Motivation and potential will also count in the assessment of the candidates. Strategic considerations may be taken in the final selection of candidates.

NTNU is committed to following evaluation criteria for research quality according to [The San Francisco Declaration on Research Assessment - DORA](#).

## General information

[Working at NTNU](#)

A good work environment is characterized by diversity. We encourage qualified candidates to apply, regardless of their gender, functional capacity or cultural background.

**The city of Trondheim** is a modern European city with a rich cultural scene. Trondheim is the innovation capital of Norway with a population of 200,000. Norwegian state employees benefit from good healthcare, schools and kindergartens. Furthermore, Trondheim offers great opportunities for education (including international schools) and possibilities to enjoy nature, culture and family life and has low crime rates.

In accordance with The Public Information Act (Offentleglova), your name, age, position and municipality may be made public even if you have requested not to have your name entered on the list of applicants.

If you have any questions about the position, please contact Marte Andresen, telephone (+47) 73 59 17 40, email: [marte.andresen@ntnu.no](mailto:marte.andresen@ntnu.no) .

Applications must be submitted through [jobbnorge.no](http://jobbnorge.no).

Please refer to the application number 2021/59963 when applying.

**Application deadline: 31.01.22.**

## **NTNU - knowledge for a better world**

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The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

### **Department of Mathematical Sciences**

We are Norway's largest university environment in mathematical sciences. The Department has a particular responsibility for all basis education in mathematical sciences for engineering and natural science students at NTNU. We focus on long-term basic research and applied research at a high international level.

Our aim is to meet the society's needs for mathematical and statistical expertise in business and public administration as well as in the research and education sector. [The Department of Mathematical Sciences](#) is one of seven departments in the [Faculty of Information Technology and Electrical Engineering](#) .

### **Additional information**

#### **Place of service:**

Trondheim 7491 Trondheim (Trondheim Municipality)