



Jobbnorge-ID: 193610
Søknadsfrist: 01.03.2021
Nettside: <http://www.uio.no/>
Omfang: Heltid
Varighet: Engasjement

CompSci - Call 1 - Marie Skłodowska-Curie PhD Fellowships in Natural Sciences - 16 positions

Description

CompSci is a Doctoral Programme launched and managed by the Faculty of Mathematics and Natural Sciences at the University of Oslo (UiO). It is partly funded by the EU Horizon 2020 under the Marie Skłodowska-Curie Action (MSCA) - Co-funding of Regional, National and International Programmes (COFUND).

The CompSci Doctoral Program will recruit 32 PhDs in two calls. In this Call, we open for applications to the 1st cohort of 16 PhD fellowship positions, that will join our PhD programme starting autumn 2021 at UiO.

About the CompSci doctoral program

The CompSci doctoral program will train a new generation of natural science researchers with a foundation in computational methods - providing them with the knowledge, skills and vision to digitally transform the European education, research, government and industry sectors.

The target groups of the program are highly talented aspiring researchers with backgrounds in physics, chemistry, bioscience, materials science, mathematics, astronomy or geoscience, who are finishing or have just finished their master degree or have less than four years of full-time equivalent (FTE) research experience.

As a CompSci fellow you will go through a three-month intensive training in computational and data science with a team of doctoral students from across the natural sciences. You will then apply and develop those skills in a research project in your discipline of choice in an internationally leading research group. All CompSci fellows will be enrolled as PhD students in one of the departments at the Faculty of Mathematics and Natural Sciences.

More details are available at [CompSci home page](#) and further information about the [Application process](#). Please consult these pages for general information on the programme and descriptions of all applicable research projects that will be offered as part of CompSci.

The duration of CompSci doctoral fellowships is 3 years. No one can be appointed for more than one PhD Research Fellowship at UiO.

More about the projects

Detailed descriptions of the projects offered in the CompSci programme can be found under [Projects](#), sorted by the following categories of Astronomy, Biosciences, Chemistry, Geosciences, Mathematics and Physics.

Each project will require slightly different expertise and experience, but all require a combination of disciplinary skills and computational skills acquired through the program. We seek motivated and independent students from a wide range of disciplines with an interest in developing their skills computational science and using these skills to impact research in their discipline.

We offer

- Excellent research environments with highly competent and motivated researchers
- International collaboration and networking
- Cross sectoral opportunities
- Good working conditions
- High standard facilities and offices
- Access to research and transferable skills training
- Access to special career development programmes, and research schools.
- Salary NOK 479 600 - 523 200 per annum depending on qualifications in a position as PhD Research fellow (position code 1017).
- [Career development programmes](#)
- Attractive [welfare benefits](#) and a generous pension agreement, in addition to Oslo's unique character of being both small and family friendly, but also urban and metropolitan with rich opportunities for culture and outdoor activities.

Call publication date: 1 October 2020

Application deadline: 1 March 2021

Qualification requirements

The Faculty of Mathematics and Natural Sciences has a strategic ambition is to be among Europe's leading communities for research, education and innovation. Candidates for these fellowships will be selected in accordance with this, and expected to be in the upper segment of their class with respect to academic credentials. Applicants from all nationalities who satisfy the following requirements can apply:

Qualification requirements

- Have a master's degree or equivalent with a specialization as described for each particular research project
- A foreign completed degree (M.Sc.-level) corresponding to a minimum of four years in the Norwegian educational system

Candidates without a Master's degree have until 30 June, 2021 to complete the final exam.

Desirable qualifications

- Good knowledge of the scientific field addressed by the project(s) of interest is desirable
- Strong quantitative and analytical skills are an advantage
- Good communication and interpersonal skills are necessary

Grade requirements:

The norm is as follows:

- the average grade point for courses included in the Bachelor's degree must be C or better in the Norwegian educational system
- the average grade point for courses included in the Master's degree must be B or better in the Norwegian educational system
- the Master's thesis must have the grade B or better in the Norwegian educational system

Fluent oral and written communication skills in English

English requirements for applicants from outside of EU/ EEA countries and exemptions from the requirements:

<http://www.mn.uio.no/english/research/phd/application/application.html>

The purpose of the fellowship is research training leading to the successful completion of a PhD degree.

The fellowship requires admission to the PhD programme at the Faculty of Mathematics and Natural Sciences. The application to the PhD programme must be submitted to the department no later than two months after taking up the position. For more information see:

<http://www.uio.no/english/research/phd/>

<http://www.mn.uio.no/english/research/phd/>

Marie Sklodowska-Curie requirements

1) Research experience: The candidate must at the date of the program call deadline be within the first four years (FTE-equivalent) of their research careers and not yet be awarded a doctoral degree.

2) Mobility requirement: The candidate may not have resided and/or carried out their main activity in Norway for more than 12 months in the 3 years immediately before the program's first possible recruitment date (1 August 2021).

Researchers with refugee status, as defined by the Geneva Convention, benefit from a less restrictive mobility rule: the refugee procedure (i.e. before refugee status is conferred) will not be counted as a period of residence/activity in Norway.

How to apply

For all details about the programme and eligibility, project areas and application process, please see the CompSci [home page](#) and the [Guide for Applicants](#).

For an application to be valid, the applicant must submit a complete set of documents via the portal, consisting of:

- Att. 1: CV ([use supplied template](#)) (word)
- Att. 2: Motivational letter with a prioritization of up to 3 research projects ([use supplied template](#)) (word)
- Att. 3: Letter of recommendation (with ranking)
- Att. 4: Bachelor's and master's grade transcripts with official translations
- Att. 5: Documentation of English proficiency

Please save and upload all attachments with your surname in the file name, e.g. SURNAME-Att-3. Please note that only documents submitted through the portal will be considered. Do not send any documents by email.

The application portal "JobbNorge" has a field for "application text" and a standard CV which is entered in the portal. Please do not use these online forms, but instead use the CV template and the Motivational letter template (Due to technical reasons, you have to type your chosen thematic area in order to get to the next step in the online form, and you have to fill in only your personal details in the CV stage). It is only these attachments that will form the basis for the evaluation.

You can submit the application at any date until the Call closes at 23:59, Central European Time, on the deadline date. Late or incomplete applications will not be accepted.

Formal regulations

Please see the [guidelines and regulations](#) for appointments to Research Fellowships at the University of Oslo.

No one can be appointed for more than one PhD Research Fellowship period at the University of Oslo.

According to the Norwegian Freedom of Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

The University of Oslo has an [agreement](#) for all employees, aiming to secure rights to research results etc.

Contact information

For all questions on the CompSci programme: contact-compsci@mn.uio.no.

For technical questions regarding the recruitment system, please contact HR Adviser Torunn Standal Guttormsen, t.s.guttormsen@mn.uio.no

About the University of Oslo

The University of Oslo is Norway's oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

The Faculty of Mathematics and Natural Sciences at the University of Oslo consists of nine departments and seven research centers, of which four are Centers of Excellence, one Centre for Research-based Innovation and one Centre for Excellence in Education. The research that is conducted at the Faculty covers a broad field of subjects within natural sciences and technology. The Faculty has several excellent research environments and researchers, many of who is cutting edge within their areas of specialization both nationally and internationally.

The [CompSci](#) doctoral program will train a new generation of natural science researchers with a foundation in computational methods - providing them with the knowledge, skills and vision to digitally transform the European education, research, government and industry sectors.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 945371.

Tilleggsinformasjon

Arbeidssted:

Sem Seland's vei 24 0315 Oslo (Oslo Kommune)