

Nanoscience Center, Faculty of Mathematics and Science, University of Jyväskylä

International Master's Programme in Nanoscience

Nanoscience Center at the University of Jyväskylä offers wealth of knowledge in natural sciences in the curriculum of Nanoscience. The International Master's Programme is designed to educate experts with multidisciplinary know-how in the field of physics, chemistry and biology that serves science, industry, and public sector.

The programme consists of two years full-time study (120 ECTS credits) for obtaining a Master's degree from one of the following fields:

- Cell and molecular biology
- Organic chemistry
- Physical chemistry
- Material physics/nanophysics.



The student can combine each of these fields according to his/her aptitude. The Nanoscience courses introduce both theoretical and experimental approaches to the natural sciences and technology. Master's theses are always interdisciplinary. The Master's program provides excellent basis for postgraduate studies or positions in industry.

Entry requirements:

1. **Previous studies** - Bachelor degree with excellent or very good marks in an appropriate subject (e.g. physics, chemistry or biology) from a university with internationally recognized academic standing, or equivalent qualifications. Interdisciplinary studies are counted as plus.
2. **English language proficiency.** Selected candidates must be able to demonstrate their proficiency in English at the time of applying with one of the following tests: IELTS; TOEFL or PTE.
3. **Proven interest in the field.** The shortlisted candidates will be interviewed before the final selection.

Scholarship. The program is free of charge. Scholarships of 500 euros/month for a maximum of 24 months are available for non-Finnish students by application.

The application period is yearly from November to January for the study year starting in September. Applications to the master's degree programme must be submitted via the electronic application system provided by the University Admissions Finland (<http://www.universityadmissions.fi>). Please note that all applicants, both international and Finnish, will apply through the same system.

Nanoscience Center (NSC) is nestled among beautiful lakes and woodland in central Finland. NSC is a cross-disciplinary research center housing researchers from the departments of physics, chemistry, and biological and environmental science. It is one of the most eminent hallmarks of excellence in research at the University of Jyväskylä. Its cross-disciplinary approaches enable research ranging from fundamental theory to commercial solutions. For more information, contact nanoscience@jyu.fi or look up <https://www.jyu.fi/en/studywithus/programmes/nanomaster> or www.jyu.fi/nanoscience