

Faculty of Science 2020



Faculty of Science*

The Faculty of Science conducts research and offers educational programmes and courses within mathematics, physics, chemistry, biology, geology, environmental science and related fields. The faculty's research is multifaceted, from the smallest components of matter to the whole universe and its evolution. From protein structures and cell membranes to entire ecosystems, continental ice sheets and their link to the climate.

General aims:

- To promote basic research
- To be internationally prominent in both research and education
- To offer education based on results from, and in close contact with, scientific research
- To contribute to the development of society by meeting the need for scientific knowledge and skills
- To secure an effective and rational, collegiate-based approach

Students

(% women/men)	Annual performance	Full-time students
Undergraduate Education		
2019	2 236 (59/41)	3 149 (55/45)
2018	2 152 (57/43)	3 073 (54/46)
Externally Funded Education		
2019	85 (84/16)	105 (81/19)
2018	60 (81/19)	84 (76/24)
PhD program		
	Active	New students
2019	670 (46/54)	144 (48/52)
2018	682 (44/56)	125 (52/48)

Academic Degrees

(% women/men)	Bachelor of Science	Master of Science	Doctor of Philosophy
2019	196 (51/49)	206 (56/44)	115 (37/63)
2018	214 (55/45)	226 (55/45)	143 (61/39)

Source: Ladok



Nerve cells, cell division and a plasma ball. Pictures from Mostphoto.

Staff

	Professors ¹	Associate Professors	Lecturers	Assistant Professors	Other Lecturers
2019	179 (25/75)	116 (30/70)	26 (82/18)	35 (40/60)	3 (32/68)
2018	178 (25/75)	118 (27/73)	30 (80/20)	27 (43/57)	3 (46/54)

Full-time employees (% women/men)

¹ Professor, Visiting Professor, Adjunct Professor

Source: IVS (PEGE05)

Publications (refereed)

2019	1 912	2018	1 854
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Research Indicators

	VR Grants ¹	WAF ²	ERC Grants
2019	143 (12,9)	3	3
2018	123 (11,5)	Call every second year, no call 2018.	5

¹ VR Grants to SU within Nature and technology science in Million Swedish kronor (percent of total grants distributed).

² Number of Wallenberg Academy Fellows to the Faculty.

Finances (Million Swedish kronor)

	Government grants	External funding ¹	External commissions ¹	Subtotal
Undergraduate Education				
2019	296	15	16	327
2018	290	13	14	317
Research and PhD program				
2019	888	1 000	40	1 928
2018	854	927	37	1 818
Total	2019: 2 255 Mkr		2018: 2 135 Mkr	

¹Used funds.

The Royal Swedish Academy of Sciences 2019

51 members of the Academy from the Faculty

Honorary Doctorates at the Faculty in 2019

Professor Nora Underwood, Florida State University i Tallahassee, USA
Professor Frances Westley, University of Waterloo, Ontario, Kanada

Selection of research centres

Bolin Centre for Climate Research
 The Institute for Solar Physics
 The Oskar Klein Centre for Cosmo Particle Physics

Profile areas

Astrophysics, Cosmology and Particle Physics
 Atomic, Molecular and Complex Quantum System Physics
 Biological Membranes
 Catalysis in Organic Chemistry
 Climate, Seas and Environment
 Gene-Environment Interaction
 Materials Chemistry
 Mathematical Theory Development and Modelling

Faculty Executives in 2020

Faculty Dean Professor Henrik Cederquist, Department of Physics

Vice Dean Professor Ylva Engström, Department of Molecular Biosciences, The Wenner-Gren Institute

Mathematics-Physics Section

Section Dean Professor Tom Britton, Department of Mathematics

Vice Chairperson Docent Maria Andrée, Department of Mathematics and Science Education

Chemistry Section

Section Dean Professor Berit Olofsson, Department of Organic Chemistry

Vice Chairperson Professor Niklas Hedin, Department of Materials and Environmental Chemistry

Biology Section

Section Dean Professor Sören Nylin, Department of Zoology

Vice Chairperson Professor Catarina Rydin, Department of Ecology, Environment and Plant Sciences

Section for Earth and Environmental Sciences

Section Dean Professor Barbara Wohlfarth, Department of Geological Sciences

Vice Chairperson Professor Jerker Jarsjö, Department of Physical Geography

Committee for Undergraduate Education

Chairperson Professor Joakim Edsjö, Department of Physics

Vice Chairperson Professor Alasdair Skelton, Department of Geological Sciences

Faculty Departments, Institutes and Centres

Mathematics-Physics Section

Department of Astronomy

Department of Mathematics

Department of Mathematics and Science Education (MND)

Department of Meteorology (MISU)

Department of Physics

Chemistry Section

Department of Biochemistry and Biophysics (DBB)

Department of Materials and Environmental Chemistry (MMK)

Department of Organic Chemistry

Biology Section

Department of Biology Education (BIG)

Department of Ecology, Environment and Plant Sciences (DEEP)

Department of Molecular Biosciences, The Wenner-Gren Institute (MBW)

Department of Zoology

Section of Earth and Environmental Sciences

Department of Environmental Science

Department of Geological Sciences (IGV)

Department of Physical Geography (NG)

Centres/Institutes

Baltic Sea Centre

Bergius Botanic Garden

Nordic Institute for Theoretical Physics (Nordita)

Stockholm Resilience Centre (SRC)

Field Stations

The Askö Laboratory - Marine Research

Navarino Environmental Observatory - Climate and environment (NEO)

Tarfala - Glaciology

Tovetorp - Ethology

National resource

SciLifeLab (Collaboration between SU, KI, KTH and Uppsala University.)



Young arctic fox. The Swedish Arctic Fox Project is a research team at Stockholm University studying the ecology and genetics of arctic foxes.



Northern Lights over Tarfala Field Station 2019.

Office of Science

The Office of Science serves as administrative support for the faculty and its departments, as well as to the Vice-President and the Director of Administration.



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