

Application to join the MedBioInfo, the National Graduate School in Medical Bioinformatics, 2021

Fields marked with * are mandatory.

To all current and prospective 1st year PhD students in Bioinformatics,

You are invited to apply to MedBioInfo, the National Graduate School in Medical Bioinformatics, established to provide advanced training in bioinformatics to the next generation of world-class life-science researchers. Our 43 affiliated faculty members include most of the leading bioinformaticians in Sweden, and we also draw on the faculty of NORBIS, our Norwegian sister school. In January 2020 we admitted 28 students, up from a target of 20, of which 43% were female, substantially higher than the field in general. The faculty and fellow students will form a key part of your future scientific network.

Our courses are short, worth 3 or 5 HP(ECTS). Each course typically requires a one-week at-home pre-assignment, one week in residence (or, during the crisis, by zoom), and (often) a one-week take-home post-assignment. You would typically take two courses per year, for a total of 3 years. The courses are more specialised than can be provided by your home university. You will be matched with a faculty mentor, providing a perspective and advice complementary to that of your advisor. Crisis permitting, we will hold an annual meeting where you will attend faculty talks and soft-skills workshops, present your research, network, and get feedback. You will be granted a yearly travel budget. Best of all, this should be fun.

You are eligible to apply if you began or will begin your PhD between January 2020 and April 2021, though there is some flexibility in this. Target groups include PhD students in Life Science doing primarily computational research. Selection criteria include your CV, transcript, and the relevance of your research project. You will also need an endorsement letter from your advisor and a suitable laptop. We strive to have a broad distribution of Swedish home universities as well as a continued good gender balance.

You will be expected to attend your first course, "Applied Bioinformatics," probably in June, as will be announced on MedBioInfo.se. Several of our core courses require programming in Python. If your Python background is weak, you will need to strengthen your skills before your first course. There are many online courses for this, and we also recommend Shaw's "Python 3 the hard way." For climate reasons we ask students (with the possible exception of those from Umeå) to avoid flying to MedBioInfo events.

The deadline is February 28, 2021. Our enrollment target is approximately 20 incoming students per year, though we have admitted more in recent years. You should sign up following <https://ec.europa.eu/eusurvey/runner/MedBioInfo-application-2021> , also linked to from medbioinfo.se. Feel free to email me with any questions. We look forward to reading your application.

* Your first (given) name:

* Your last (family) name:

* Please provide your email address. This will be used to notify you of the admissions decision and later, to enroll you in MedBioInfo courses and send you certificates.

* Your gender. No answer will disqualify you, but in order to improve gender applications from women may receive some additional consideration.

- Male
- Female
- Other / prefer not to answer

* Your Swedish personnummer, ÅÅÅÅMMDD-XXXX. If you do not have yours yet, just provide your birth date in the format ÅÅÅÅMMDD.

* What did you consider to be your scientific nationality, prior to starting the PhD? This would be the country in which you received most of your prior scientific training. This question is for statistical reporting purposes only, and is not a selection criterion.

- Afghanistan
- Albania
- Algeria
- Andorra
- Angola
- Antigua and Barbuda
- Argentina
- Armenia
- Australia
- Austria
- Azerbaijan
- Bahamas
- Bahrain
- Bangladesh
- Barbados
- Belarus
- Belgium
- Belize
- Benin
- Bhutan
- Bolivia
- Bosnia and Herzegovina
- Botswana

- Namibia
- Nauru
- Nepal
- Netherlands
- New Zealand
- Nicaragua
- Niger
- Nigeria
- North Korea
- North Macedonia
- Norway
- Oman
- Pakistan
- Palau
- Panama
- Papua New Guinea
- Paraguay
- Peru
- Philippines
- Poland
- Portugal
- Qatar
- Republic of Moldova
- Romania
- Russian Federation
- Rwanda
- Saint Kitts and Nevis
- Saint Lucia
- Saint Vincent and the Grenadines
- Samoa
- San Marino
- Sao Tome and Principe
- Saudi Arabia
- Senegal
- Serbia
- Seychelles
- Sierra Leone
- Singapore
- Slovakia
- Slovenia
- Solomon Islands
- Somalia
- South Africa
- South Korea
- South Sudan
- Spain
- Sri Lanka

- Sudan
- Suriname
- Sweden
- Switzerland
- Syrian Arab Republic
- Tajikistan
- Tanzania
- Thailand
- Timor-Leste
- Togo
- Tonga
- Trinidad and Tobago
- Tunisia
- Turkey
- Turkmenistan
- Tuvalu
- Uganda
- Ukraine
- United Arab Emirates
- United Kingdom
- United States of America
- Uruguay
- Uzbekistan
- Vanuatu
- Venezuela
- Viet Nam
- Yemen
- Zambia
- Zimbabwe

Which do you consider to be your home country? This may be the country in which you were born, grew up, or spent most of your life. This question is for statistical reporting purposes only, is not obligatory, and is not a selection criterion.

- Afghanistan
- Albania
- Algeria
- Andorra
- Angola
- Antigua and Barbuda
- Argentina
- Armenia
- Australia
- Austria
- Azerbaijan
- Bahamas
- Bahrain
- Bangladesh

