

Application:

# Global Scholars Program at Lund University



UNIVERSITY of  
DENVER

NATURAL SCIENCES & MATHEMATICS  
Biological Sciences

University of Denver, College of Natural Sciences and Mathematics  
Department of Biological Sciences

**Deadline: October 15**

The Global Scholars program is a partnership between the Biology Departments at the University of Denver and [Lund University](#) in Sweden. Students will earn a Bachelor's Degree in Biology (BS) from the University of Denver and a Master's Degree in Biology from Lund University (MS). The first 3 years are spent at DU completing common curriculum requirements, all major degree requirements and minors, excluding upper-level elective credits that will be taken at Lund University. The 4th year will be spent at Lund University in Sweden where the student will take upper division elective classes in Biology to complete the BS and begin an independent research project that will be finished as an MS thesis during the 5th year in Lund. Students apply separately for the MS degree (their 5th year of the program) while in Sweden and will have to pay the tuition for this degree.

*To apply, students must submit this application by October 15 of their sophomore year.* Only students that are completing a BS major in Biology are eligible and they must have at least a 3.5 GPA at the time of application. Applicants must also maintain a 3.5 GPA in their degree program and major throughout their academic progress at University of Denver until time of departure to Lund University.

Submit your completed application (pages 3-4 of this document) as a single PDF to Dr. Shannon Murphy ([Shannon.M.Murphy@du.edu](mailto:Shannon.M.Murphy@du.edu)); please name your PDF file "Lund\_Your Last Name\_GS Application".

## Program Timeline

There are 3 application processes to be admitted to the Global Scholars program:

- First, students apply to the DU Biology Department for admission to the program.
- Second, students apply to study abroad as with any study abroad opportunity.
- Third, students apply to the MS degree program at Lund University during their first year in Lund.

Below is an outline of important dates for students to follow.

### Sophomore Year

Oct 15	Application deadline to Biology (this document)
Nov	Interview with Dr. Murphy
Dec	Interview with Lund Administration via Skype
Jan	Admission granted, letter sent by Internationalization
April	Meet with Dr. Murphy and Academic Advising to ensure student will finish all requirements for all majors and minors by the end of their Junior year

### Junior Year

Fall	Maintain a 3.5 GPA
Dec	Begin Lund study abroad application
Jan	Finalize Lund study abroad application Meet with Internationalization to get visas started, etc.
Winter	Make sure to finish all required coursework by end of Spring quarter

### Senior Year

Study in Lund to finish BS degree!  
Apply for Lund University MS program

## Course Requirements to be Completed at DU Before the End of Junior Year

Students must be Biology BS majors at DU and they must declare an interest in either Ecology and Evolutionary Biology or Cellular and Molecular Biology because these are the topics of focus for the MS degrees at Lund University and require different course preparations. As with any BS in Biology, students must minor in Chemistry and also have one additional minor. Students must also finish all general education requirements. Additionally, the following are required:

1. Math: all students must take Biostatistics (BIOL 2090) as one of their math courses
2. Students pursuing an Ecology and Evolutionary Biology emphasis must take Animal Behavior (BIOL 3410)
3. Students pursuing a Cellular and Molecular Biology emphasis must take Human Physiology (BIOL 3250) and should take Microbiology (BIOL 3120)
4. Students have to take INTZ 2501 (2 credits, offered every quarter)

*Please note that several required classes are only offered during certain quarters. You need to plan ahead to make sure you can take all required courses before the end of your third year at DU:*

**Fall only:** Ecology (BIOL 2010/2011), Cell Structure and Function (BIOL 2120/2121), Biostatistics (BIOL 2090), Human physiology (BIOL 3250). *These cannot all be taken in the same quarter or even 3 in a single quarter, and thus need to be divided 2 and 2.*

**Winter only:** Evolution, Heredity and Biodiversity (BIOL 1011/1021), Genetics (BIOL 2510/2511), Animal Behavior (BIOL 3410)

**Spring only:** Physiological Systems (BIOL 1010/1020), Microbiology (BIOL 3120)

Some courses are also offered in the summer (Ecology,

Biostatistics, and Cell Structure and Function)—so taking them off cycle might be an option if you will be here in the summer.

## Possible Course Map for the Biology BS Degree

You are required to map out your plan for finishing your undergraduate BS requirements by the end of your 3rd year at DU as part of this application (see page 3). Below is a possible schedule of the courses that are required for the biology major that allows students to finish within the required three years. General education requirements are not included below; you will need to add these to your schedule. EE indicates course required for Ecology and Evolution emphasis and CM indicates course required for Cellular and Molecular Biology emphasis.

	Fall Quarter	Winter Quarter	Spring Quarter
<b>First Year</b>	MATH 1951 CHEM 1010 CHEM 1240	BIOL 1011 BIOL 1021 MATH 1952 CHEM 1020 CHEM 1250	BIOL 1010 BIOL 1020 CHEM 2131 CHEM 2141
<b>Second Year</b>	BIOL 2010 BIOL 2011 BIOL 2120 BIOL 2121 CHEM 2451 CHEM 2461	BIOL 2510 BIOL 2511 BIOL 3410 (EE) CHEM 2452 CHEM 2462	BIOL 3120 (CM)
<b>Third Year</b>	BIOL 2090 BIOL 3250 (CM) PHYS 1111	PHYS 1112	PHYS 1113

### Applicant General Information

Student name: \_\_\_\_\_

Year admitted: \_\_\_\_\_

Planned BS completion (quarter and year): \_\_\_\_\_

Are you enrolled in the BS major in Biology?

Yes    No

Which emphasis are you interested in?

Ecology/Evolution    Cellular/Molecular

Is your GPA 3.5 or higher?

Yes    No

Major GPA: \_\_\_\_\_ Overall GPA: \_\_\_\_\_

Do you have financial aid, work-study, or scholarships? (This information will not affect your application, but we must be aware of any forms of financial aid.)

Yes    No

If your answer above was yes, please list any financial aid, work-study, or scholarships:

\_\_\_\_\_

\_\_\_\_\_

Please arrange to have **two** letters of recommendation submitted on your behalf (emailed directly to Dr. Shannon Murphy). List name and email for each recommendation:

\_\_\_\_\_

\_\_\_\_\_

### Degree Progress

Please use the table below to map out your plan for finishing your undergraduate BS requirements by the end of your third year at DU. Be sure to include **all** required classes for your degree. Feel free to contact Dr. Murphy if you would like advice on how to finish the Biology major or Associate Dean of NSM if you need help with the general curriculum requirements.

	Fall Quarter	Winter Quarter	Spring Quarter
<b>First Year</b>			
<b>Second Year</b>			
<b>Third Year</b>			

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## **Application and Research Narratives**

1. Please include a short narrative (300 words or fewer) that explains why you would like to participate in this opportunity and why you want to pursue a MS degree in Biology.

2. Please include a short narrative (300 words or fewer) about any research or internship experiences in which you have participated. If you have research experience in a lab at DU, please include your PI's name.