Application:

Global Scholars Program at University of Western Australia

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

UNIVERSITY OF DENVER

Programs in Ecology, Conservation Biology, Zoology, and Marine Biology

Deadline: October 15

The Global Scholars program is a partnership between the Biology Departments at the University of Denver and the University of Western Australia (UWA) in Perth. Students will earn a Bachelor's Degree in Biology (BS) from the University of Denver and a Master's Degree from UWA (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 UWA. The 4th year will be spent at UWA 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 a MS thesis during the 5th year. Students will apply separately for the MS degree (their 5th year of the program) while in Australia 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 or Ecology and Evolutionary Biology are eligible and they must have at least a 3.5 GPA at the time of application (exceptions can be made for extenuating circumstances and third year or transfer students who can complete required coursework before the start of their fourth year; contact Dr. Murphy with questions). 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 UWA.

Submit your completed application (pages 3-4 of this document) as a single PDF to Dr. Shannon Murphy (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 UWA during their first year in Perth.

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 and other faculty
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 UWA study abroad application with Office of Internationalization
Jan	Finalize UWA 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 Australia to finish BS degree!
Apply for UWA MS program

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

Students must be Biology (BS) or Ecology and Evolutionary Biology (EEB) major at DU and they must declare an interest in Ecology, Conservation Biology, Zoology, or Marine Biology because these are the topics of focus for the MS degrees at UWA and require different course preparations. For the BS in Biology, students must minor in Chemistry and also have one additional minor. For the BS in EEB, students must minor in one NSM major and also have one additional minor. Students must also finish all general education requirements. Additionally, the following are required:

1. Statistics: all students must take Biostatistics (BIOL 2090) as one of their math courses.
2. Students pursuing an emphasis in **Ecology** must take Global Change Ecology (BIOL 3095). A field class (e.g. Ecology of the Rockies BIOL 3055), Evolution and Speciation (BIOL 3010), and/or an advanced statistics course (Research Methods BIOL 4091) are suggested.
3. Students pursuing an emphasis in **Conservation Biology** must take Conservation Biology (BIOL 2050) and Global Change Ecology (BIOL 3095). A field class (e.g. Ecology of the Rockies BIOL 3055) and/or Invasive Species Ecology (BIOL 3035) are suggested.
4. Students pursuing an emphasis in **Zoology** must take Animal Behavior (BIOL 3410). A field class (e.g. Ecology of the Rockies BIOL 3055) and/or Evolution and Speciation (BIOL 3010) are suggested.
5. Students pursuing an emphasis in **Marine Biology** must take Coral Reef Ecology (BIOL 3044) and Global Change Ecology (BIOL 3095). A GIS class from the Geography Department is suggested.
6. Students must take INTZ 2501 (2 credits, offered every quarter)

Please note that many required classes are only offered during certain quarters. please plan ahead to make sure you can take all required courses before the end of your third year at DU because many of these classes cannot be taken in the same quarter:

(continued on next page)

Fall only: Ecology (BIOL 2010/2011), Cell Structure and Function (BIOL 2120/2121), Biostatistics (BIOL 2090), Ecology of the Rockies (BIOL 3055)

Winter only: Evolution, Heredity and Biodiversity (BIOL 1011/1021), Genetics (BIOL 2510/2511), Animal Behavior (BIOL 3410), Coral Reef Ecology (BIOL 3044), Global Change Ecology (BIOL 3095), Research Methods (BIOL 4091)

Spring only: Physiological Systems (BIOL 1010/1020), Conservation Biology (BIOL 2050), Evolution and Speciation (BIOL 3010)

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. E indicates course required for Ecology emphasis, CB for the Conservation Biology emphasis, Z for the Zoology emphasis, MB for the Marine Biology emphasis and S indicates courses that are suggested for one or all emphases.

	Fall Quarter	Winter Quarter	Spring Quarter
First Year	MATH 1951	BIOL 1011 BIOL 1021 MATH 1952	BIOL 1010 BIOL 1020
Second Year	BIOL 2010 BIOL 2011 BIOL 2120 BIOL 2121 CHEM 1010 CHEM 1240	BIOL 2510 BIOL 2511 CHEM 1020 CHEM 1250 BIOL 3410 (Z) BIOL 3095 (E,CB,MB)	CHEM 2131 CHEM 2141
Third Year	BIOL 2090 PHYS 1111 CHEM 2451 CHEM 2461 BIOL 3055 (S)	PHYS 1112 CHEM 2452 CHEM 2462 BIOL 3044 (MB) BIOL 4091 (S) BIOL 3035 (S)	PHYS 1113 BIOL 2050 (CB) BIOL 3010 (S)

Applicant General Information

Student name: _____

Year admitted: _____

Planned BS completion (quarter and year): _____

Which BS major are you enrolled in?

☐ Biology ☐ Ecology/Evolution

Which emphasis are you interested in?

☐ Ecology ☐ Conservation Bio ☐ Zoology ☐ Marine Bio

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
First Year			
Second Year			
Third Year			

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.