

**Bridging Arizona Native American Students to Bachelor's Degrees  
at Coconino Community College**

The Bridging Arizona Native American Students to Bachelor's Degrees (Bridges) at Coconino Community College (CCC) is a two-semester program, with the opportunity of summer research work at NAU, designed to offer tribal community college students the opportunity to get hands on laboratory experience and enhance their knowledge about the biology-related scientific fields. The program consists of individual projects and responsibilities in which the students will learn to collaborate with a faculty mentor and other students in a research setting. This two-semester program gives students the opportunity to develop their laboratory and scientific skill set while attending the community college.

The program will include student responsibilities and opportunities such as the following

1. **Laboratory procedures and preparation:** Students will receive the skill set of preparing and maintaining laboratory equipment necessary to run “wet-bench” experiments and research. This includes, but is not limited to, microbiology, ecology, anatomy and physiology, pathology, cell biology, and chemistry.
2. **Opportunity to participate in scientific meetings:** Students will have a choice of attending a variety of scientific conferences in and out of Arizona.
3. **Weekly meeting with program mentor:** Students will meet regularly, at a mutually convenient time with the program coordinator to track progress on their projects, identify concerns, and learn about the projects and progress of their peers.
4. **Potential for summer research:** Students involved in the two-semester program may have the opportunity to participate in a summer research program at Northern Arizona University (NAU) where students engage in actual research in their area of interest. They will also have the opportunity to meet fellow researchers in their field and present on their findings. The summer research program requires a separate selection through NAU. This application process makes you eligible to participate in the NAU summer research bridges program. Your application will be forwarded to the NAU selection committee for review, if selected you will be contact by a NAU Bridges representative.
5. **Learn how to development and implement a research project:** Students will be introduced to how to develop a research question, make hypotheses, design and carry out a test of the hypothesis, analyze their data, and write a brief scientific paper. This will prepare them for the more substantial individual research project they will conduct for nine weeks with their mentors on the NAU campus, if selected.
6. Other related scientific opportunities that will be announced as the program progresses.

A complete Bridges application is **DUE BY Monday, May 2<sup>nd</sup> 2016 at 5:00 pm** and includes:

- 1) Resume
- 2) Essay
- 3) Application form. All items must be completed or application will not be considered
- 4) Copy (unofficial acceptable) of all college/university transcripts, including current courses
- 5) Copy of a Certificate of Indian Blood (CIB)
- 6) Two letters of recommendation are required

*All materials must be received by September 2<sup>nd</sup> 2016 to be eligible for the following academic years program.*

**All application items should be sent to:**

Aaron Tabor Coconino Community College Bridges Program Coordinator  
Attn: Math and Science Department  
Lone Tree Campus  
2800 S. Lone Tree Rd.  
Flagstaff, AZ 86001-2701

**For additional program information or if you have any questions, please feel free to contact:**

Aaron Tabor at: [Aaron.Tabor@coconino.edu](mailto:Aaron.Tabor@coconino.edu)

**Resume:**

Please submit an updated resume or curriculum vitae with the application. At a minimum it must include name, address, all work experience, relevant coursework.

**Essay:**

Please submit a 1-2 page essay (typed, double spaced, 12 point font) indicating

- a) How this program will help you in your future career.
- a) Why you are interested in Science and/or Health research
- b) What is your major. Why did you select this major.
- c) What you hope to do for a living (career).
- d) What school you plan on obtaining your bachelor's degree from.

**Application:**

**Name:** \_\_\_\_\_

**I. Academic year contact information for 2015-2016:**

a) Address: \_\_\_\_\_

b) Phone: \_\_\_\_\_

c) Email: \_\_\_\_\_

**II. Summer contact information (if different than above):**

a) Address (summer): \_\_\_\_\_

b) Phone: \_\_\_\_\_

c) Email: \_\_\_\_\_

**III. Contact information for 5-year tracking (most students use their parents' or grandparents' address):**

a) Contact Names: \_\_\_\_\_

b) Address: \_\_\_\_\_

\_\_\_\_\_

c) Phone: \_\_\_\_\_

d) Email \_\_\_\_\_

**IV. Educational information:**

- a) Last date of college/university enrollment (month/year OR current): \_\_\_\_\_
- b) Last/current college/university attended: \_\_\_\_\_
- c) Highest enrollment status attained (freshman, sophomore, ...): \_\_\_\_\_
- d) Overall GPA: \_\_\_\_\_
- e) Last/current degree program (major/emphasis area): \_\_\_\_\_
- f) Anticipated degree completion date (month/year): \_\_\_\_\_
- g) List all colleges/universities attended and dates of attendance
1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
- h) Indicate the number of college/university courses in each of the following areas, in which you have received a grade of C or better:
- Chemistry: \_\_\_\_\_
- Physics: \_\_\_\_\_
- Biology: \_\_\_\_\_
- Environmental Science: \_\_\_\_\_
- Geology: \_\_\_\_\_
- Engineering: \_\_\_\_\_
- Math: \_\_\_\_\_
- Other sciences: \_\_\_\_\_ please indicate course topics \_\_\_\_\_

**V. Interests and goals:**

- a) Of the subject areas listed above (IV h), indicate the three areas of greatest interest to you in order of preference (1 = most interesting . . .)
1. \_\_\_\_\_
  2. \_\_\_\_\_
  3. \_\_\_\_\_
- b) What is the highest degree you expect to achieve?
- Associates     Bachelors     Masters     Ph.D.     M.D. or other professional degree

**VI. Personal information:**

a) We are only able to accept U.S. Citizens or Permanent Residents. Please confirm your status.  
 Yes, I am a U.S. Citizen or Permanent Resident

b) Tribal affiliation. Please attach copy of Certificate of Indian Blood (CIB).  
Affiliation name: \_\_\_\_\_

c) Gender:  Female  Male

d) Have you ever been arrested?  Yes  No  
If yes, please explain \_\_\_\_\_  
\_\_\_\_\_

*Coconino Community College is an Equal Opportunity/Affirmative Action Employer.  
Applications from minorities and women are especially encouraged.*

**VII. Letters of reference:**

List the **names, addresses, phone numbers, and email** of two people who are providing confidential letters of recommendation on your behalf. At least **one** letter must be from a high school teacher/college/university faculty member who is familiar with your educational background. These references **may** be contacted if you are in the final pool of applicants. The letters need to be signed and sealed in an envelope with the application or emailed directly to the program coordinator for consideration.

**REFERENCE 1**

**NAME:** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

**PHONE** \_\_\_\_\_

**E-MAIL** \_\_\_\_\_

**REFERENCE 2**

**NAME:** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

**PHONE** \_\_\_\_\_

**E-MAIL** \_\_\_\_\_