

**Application to the Summer Program
for Teachers of Biological Science**
University of Arizona
Tucson, Arizona

Answer all questions completely. Incomplete applications will not be considered. Information may be either typed or neatly handwritten. If you have any questions about this form, please contact Ellie Warder at 520-621-5903.

ALL APPLICANTS PLEASE ANSWER THESE QUESTIONS:

(Mr.)
Name: (Ms.) _____
Last, First Middle

Home address: _____
street

city, state, zip

School Address: _____
school name, district

street

city, state, zip

Telephone: (home) _____ (work) _____

Your email address: _____

Number of years you have taught: _____

Grades in which you teach math or science: _____

ARIZONA TEACHERS ONLY, PLEASE ANSWER THE FOLLOWING QUESTIONS:

Number of students to whom you teach math or science: _____

Is your school located on a reservation? _____

Is your school classified as Title 1? _____ Yes _____ No

Arizona county in which your school is located: _____

ALL APPLICANTS PLEASE ANSWER THESE QUESTIONS:

Educational Background: List all college degrees that you have earned.

Name of Institution & Location	Major	Minor	Start & End Dates (Mo./Yr.)	Degree & Date	Grade Point Average

Spring 2010 (Feb. 1 – May 14) Online format

_____ BIOC 656 Ornithology for Teachers (3 u)

_____ BIOC 623D Biology Update: Ecology & Evolutionary Biology (3u)

_____ BIOC 597c Statistics for Research (1-3 u, still TBD)

The following courses are offered on **special dates** which start late in Summer Session I, continue into Summer Session II, and end early in that session. You are allowed to enroll in up to 7 units of credit per summer. Please check the course(s) that you are interested in taking:

Summer 2010 (June 7 -July 30) Online format

_____ BIOC 623C Biology Update 1 (3u)

_____ BIOC TBA Microbiology for Teachers (3u)

_____ BIOC 633 Secondary Biology Lab Curricula* (3u)

*Course offered in hybrid format; course will start online on June 8 and continue through the summer. Those enrolled in this course must come to Tucson for 1 week (July 18-23) for the in-classroom portion of this course. If you wish to stay in on-campus housing during this week, you must make your own reservation (see attached). Your cost for this housing is approximately \$26/day.

Summer 2010 (traditional, in-classroom format)

_____ BIOC 597A Recombinant DNA Techniques (2u) (tentatively scheduled)

The above course information is subject to change. Please check our website <http://biology.arizona.edu/sciconn> for the most up-to-date information.

COURSE DESCRIPTIONS

Courses are designed for teachers with a good background in biology (a minimum of 18 units). If you have questions about your background, call Dr. Lisa Elfring at 520-621-1671. **You may enroll in a maximum of 7 units of credit. If you wish to take additional units of credit, you must get permission from both Dr. Elfring and the Dean of the Graduate College.**

Biology Update 1 (BIOC 623c)

This online course will focus on recent advances in the understanding of basic biology and on new applications in cellular and molecular aspects of biology. The cost of the course is ~\$1,350, and it begins June 7 and ends July 30, 2010. Instructors: Jim Ware, M.S. and Lisa Rezende, Ph.D.

Secondary Biology Laboratory Curricula (BIOC 633)

What are the characteristics that most great instructional activities share? How can you modify an existing activity to increase study involvement, interest, and understanding? How can you make use of current events to communicate with students about the fun and complexity of doing science? And how do national and state science standards drive your curricular choices? We will explore these ideas by using and discussing exemplary curricula taken from a variety of sources. The emphasis will be for teachers to adapt classroom activities to reflect the results of research on teaching and learning in science, and to promote greater student understanding in biology. This class is a hybrid (partially online/partially in-classroom) course, which means you must come to Tucson July 18-23, 2009 to participate in the in-classroom activities. On-campus housing for out-of-town participants is available on a first-come, first-served basis. Your cost for this housing would be ~\$26/night. The cost of the course is ~\$1,350, and it begins June 7 and ends July 30, 2010. Instructor: Lisa Elfring, Ph.D.

Microbiology for Teachers (BIOC TBA)

Description available soon. The cost of this online course is ~\$1,350, and it begins June 7 and ends July 30, 2010. Instructor: Lisa Rezende, Ph.D.

BIOC 597A Recombinant DNA Techniques

The practical application of theoretical learning within a group setting and involving an exchange of ideas and practical methods, skills, and principles. Cost of this in-classroom course is ~\$950, and it has a special schedule. See website for more info. Instructor: Nadja Anderson, Ph.D.

UNIVERSITY OF ARIZONA REGISTRATION FEES FOR SPRING 2010

Cost per Session

Units	Total Fees
1	\$517.06
2	\$915.06
3	\$1,313.06
4	\$1,736.06
5	\$2,134.06
6	\$2,532.06

There is an additional \$85 technology fee charged per online course. The University of Arizona does not charge out-of-state tuition during the summers. Students may enroll in up to 7 units per session (i.e., 1-2 of our online courses).

The registration fee schedule for Summer 2010 is not yet available, but you should expect the cost per unit to be about the same or slightly higher than Spring 2010. Check the UA website [<https://www.arizona.edu/student link/>](https://www.arizona.edu/student_link/) for the latest information.