

UNIVERSITY OF KENTUCKY

DEPARTMENT OF BIOLOGY



Biology Scholars Program (Fall 2017)

Any student working toward the requirements below is considered a Biology Scholar. Any student who completes the below requirements earns Biology Departmental Honors.

- Complete two biology scholars courses or two 400G*, 500 or 600** level Biology (BIO) courses, or a combination of a BIO scholars course and a 400G/500/600 BIO course. The list of courses that fulfill this requirement can be found below.
- Complete 6 hours of BIO 395 (Independent Research)
- Have an overall 3.5 GPA at graduation
- Publically present your research results or write a thesis. Presentations can take many forms such as a talk or poster at a professional meeting or to some other group larger than a research lab. The University hosts an undergraduate research poster session late in each spring semester. A thesis is also acceptable (see UK thesis guidelines); contact DUS for more information on the thesis.
- Complete the **Biology Scholars Application** online at <https://bio.as.uky.edu/biology-scholars-application> during the semester of your planned graduation (**due October 20 for December graduates OR March 20 for May graduates**).

List of available courses that fulfill the Biology Scholars requirements in Fall 2017:

- BIO 198 (Honors Biology Research-restricted to first year students)
- BIO 304- 007 or 008 (Honors Genetics)
- BIO 315 -001 or -002 (Honors Cell Biology)
- BIO 430G* (Plant Physiology)
- BIO 494G* (Immunology)
- BIO 502 (Prin of Systems, Cell and Molecular Physiology)
- BIO 510 (Recombinant DNA Techniques Lab)
- BIO 520 (Bioinformatics)
- BIO 529 (Developmental Biology)
- BIO 530 (Biogeography and Conservation)
- BIO 550 (Advanced Physiology)
- Bio 564 (Insect Taxonomy)
- BIO 580-001 (Epigenetics)
- BIO 580-002 (Mammology)
- BIO 582 (Virology)
- BIO 609** (Population and Community Ecology)
- BIO 612** (Biology of Aging)
- BIO 620** (Plant Molecular Biology)
- BIO 622** (Physiology of Plants I)
- BIO 638** (Developmental Neurobiology)
- BIO 650** (Animal Physiology Lab)
- BIO 685** (Immunobiology, Infection, and Inflammation)

**To receive Scholars credit for a 400G course, you must complete the "G" (graduate) course requirements. Inform your instructor that you would like to use the course as a Scholars course.*

***600 level courses require special permission to register. Complete the "Undergraduate Enrollment in a Graduate-Level Course" form.*

For additional information contact Brooke Kuerzi brooke.kuerzi@uky.edu, 218-4875 or Dr. Jennifer Osterhage, jennifer.osterhage@uky.edu, 257-9322.