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.