

# UNIVERSITY OF KENTUCKY

## DEPARTMENT OF BIOLOGY



### Biology Scholars Program (Spring 2019)

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 <http://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 Spring 2019:

- BIO 315 -001 or -002 (Scholars Cell Biology)
- BIO 420G\* (Taxonomy of Vascular Plants)
- BIO 494G\* (Immunobiology)
- BIO 495G\* (Bacterial Pathogenesis)
- BIO 507 (Biology of Sleep and Circadian Rhythms)
- BIO 509 (Neuroscience of Pollination)
- BIO 535 (Comparative Neurobiology and Behavior)
- BIO 568 (Insect Behavior)
- BIO 580-001 (Microscopy)
- BIO 608-001\*\* (Behavioral Ecology and Life Histories)\*\*
- BIO 621-001\*\* (Behavioral Ecology and Life Histories Discussion)\*\*
- BIO 623\*\* (Physiology of Plants II)
- BIO 625\*\* (Insect-Plant Relationships)
- BIO 629\*\* (Developmental Biology)
- BIO 636\*\* (Insect Molecular Biology)

*\*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.*

*\*\*Students should sign up for both BIO 608-001 and BIO 621-001.*

For additional information contact Brooke Kuerzi, [boku222@uky.edu](mailto:boku222@uky.edu), or Dr. Jennifer Osterhage, [jennifer.osterhage@uky.edu](mailto:jennifer.osterhage@uky.edu).