



BIOL489

# BACTERIAL LIFESTYLES

**NEW & ONLINE** this SPRING 2021

## Interested in Microbiology?

This course is for you if you have at least junior standing and a basic foundation in microbiology (recommended)

### IMMERSE YOURSELF IN THE WONDERFUL WORLD OF BACTERIA

- Discover how bacteria have evolved incredible strategies to thrive and survive
- Investigate the ways bacteria exhibit distinct lifestyles, colonizing non-living surfaces as well as other living organisms
- Explore how bacteria follow general principles of life like other organisms—including YOU.

### CLASS GOAL

While learning about bacteria, this course will contribute to your successful scientific career by enhancing your scientific writing, public speaking and critical thinking skills. Students who enroll in this course will also be eligible to apply for opportunities to participate in laboratory research.

### ABOUT YOUR INSTRUCTOR:

*Clemencia M. Rojas, Ph.D. is an Assistant Professor in the University of Arkansas Department of Entomology and Plant Pathology. Originally from Colombia, Dr. Rojas grew up with a passion for animals and plants which led her to study microbiology and eventually to a doctorate degree in plant pathology at Cornell University studying bacteria. She continued to investigate the human and animal pathogen *Salmonella typhimurium* at the Washington University School of Medicine for her postdoc. Later she moved to investigate how plants respond to attacking bacteria at the Noble Research Institute. Her current research focuses on studying how bacteria cause diseases in plants and how plants recognize and fight bacterial pathogens.*

Offered fully online by:



UNIVERSITY OF  
ARKANSAS