Microbiology and Cell Science

Offered through the
College of Agricultural and Life Sciences & the
College of Liberal Arts and Sciences

Website: microcell.ufl.edu

Advising contact: Chris Holyoak cholyoak@ufl.edu 352-392-1906

Advising Information: Please go to the online advising website to make an appointment and check walk-in times: microcell.ufl.edu/advising1. The first time you go online you have to register. Once you are registered, you can sign in to access the advising appointments and walk-in hours.

Highlights of the Major: Our major is recognized as one of the best pre-health majors at UF. The major provides a strong academic foundation for careers in medicine, dentistry, veterinary science, pharmacy, biomedical research, and basic research.

The Curriculum includes courses in microbiology, immunology, virology, pathogens, parasitology, eukaryotic cell structure and function, prokaryotic cell structure and function, molecular and microbial genetics, biochemistry, astrobiology, genome sequencing and bioinformatics.

Undergraduate research opportunities are available in t-cell regulation, genome sequencing, host-parasite interactions, molecular biology, biochemistry, biofilms, biofuel engineering, and astrobiology.

Experiential Learning: Our department offers a summer intersession program at the Pasteur Institute in Paris France - ALS 4404, 2 credits

Based in Paris, The Legacy of Pasteur allows students to examine the evolution of science from the 1800s to modern times. Through a combination of lectures, site visits, interviews, and scientific literature analysis, students will not only study Pasteur’s accomplishments, but will also learn how his legacy is carried on today at the Pasteur Institute. The program will also include a variety of cultural activities and enhancements in and around Paris. Approximate cost is $1,600.00.

Additional Topics or interest: We have an active Micro Student Club/Organization that meets monthly, takes subject specific field trips, and is active in community service outreach projects. Contact the club president, George Marek at gmarek3@gmail.com.