**Cell Biology and Physiology Emphasis:**

Students in this emphasis study the form and function of living organisms – from single-celled bacteria to the human body. After completing the core biology courses (Genetics, Cell Biology, and Biotechnology Lab Methods), students in this emphasis choose an additional course with a focus at the cellular or subcellular level (Molecular Biology or Microbiology). They also choose additional electives in their area of interest, with options of Behavioral Neuroscience, Developmental Biology, and Human Anatomy and Physiology among others (see checklist – link below). Popular minors with this emphasis are Chemistry and Physical Sciences, although students have minors in studies as diverse as Spanish or Dance.

All Biology majors are required to gain experience outside of the classroom. Options for this requirement include undergraduate research with a faculty mentor, internships, or travel studies. For students in this emphasis interested in continuing their education in graduate school programs, the opportunity to undertake undergraduate research can be invaluable. As research scientists-in-training, students will work one-on-one with a faculty member to develop an experiment, carry it out, and present their work either on campus or at a state or national meeting. For those students interested in a career in industry, the department has a history of working with a number of local businesses to help you gain experience.
For more information on faculty research interests, click here. For more information on recent department highlights, click on the link for the Biology Department Facebook Page. For more information on the Biological Sciences travel studies, click on the link for “Trips”.

- Checklist
- 4-Year Planning Sheets