

## **Biomedical Sciences BS Degree Program Goals and Learning Outcomes**

The biomedical sciences major has outlined the following program goals and student learning outcomes:

### **Develop an integrative understanding of the human body in preparation for careers in health care and biomedical sciences, including research.**

- Students will master foundational knowledge of the systems and physiology of the human body.

### **Develop critical and analytical thinking skills.**

- Students will apply knowledge to complex issues in human health and/or development.

### **Develop a basic understanding of the physical sciences examining mechanisms and processes across a broad range of scale.**

- Students will demonstrate knowledge of key basic physics and chemistry concepts.

### **Expand awareness of a broad array of career options and activities in human medicine, biomedical research, and allied health professions.**

- Students will acquire knowledge of different medical care and delivery systems (in the US and other nations), and of the role of health-related and clinical research in addressing health issues.