Take biological principles and expand on how they can be used for the betterment of humankind. Examples of this technology include biopharmaceuticals produced by live cells, genetic engineering of seeds for enhanced crop yields, and medical devices that address a variety of human issues. A BS in Biotechnology will prepare students for professional careers in the rapidly growing biotechnology and biomedical industries. Leave the university being able to work in research, technical support, and manufacturing.

Areas of Opportunity
- Research and development
- Biological engineering
- Environmental regulation or protection
- Health: disease control, medical, or technology
- Scientific journalism
- Education
- Medical equipment
- Food: production, engineering, or safety

Common Employers
- Industry and laboratories
- Private research institutions
- Colleges and universities
- Department of Homeland Security
- Centers for Disease Control and Prevention
- National Institutes of Health
- Public health departments
- Commercial medical laboratories
- Independent research foundations

Professional Organizations
- ACRP - Association of Clinical Research Professionals
- AIBS - American Institute of Biological Sciences
- ASBMB - American Society for Biochemistry and Molecular Biology
- BIO - Biotechnology Innovation Organization
- BI - Biotechnology Institute
- IBE - Institute of Biological Engineering
- SIMB - Society for Industrial Microbiology and Biotechnology

Strategies on Entering the Field
Gain practical experience conducting research, collecting, and analyzing data, and using laboratory/field techniques in collaboration with researchers.
Hone your ability to gather, assess, evaluate, interpret, and share technical and scientific information.
Develop specialty within field such as knowledge of medical, agricultural, pharmaceutical, environmental issues, or regulations.
Join horticultural, agronomy, biotechnology clubs or other student professional associations to network and cultivate related academic interests.
Maintain a strong grade point average to be competitive in master's or doctoral degree programs and for advancement in the field.
If pursuing medical school, gain experience in research, hospitals, emergency medicine, or patient care.