“We are living in a period where combining biomedicine and engineering is needed to answer many unsolved scientific questions.” – Seung Baek.

**Definition**
Biomedical Sciences focus on how cells, organs and systems function in the human body. This science is highly important to the understanding and treatment of human diseases. Students of this major explore issues in biology as they relate to human health, medicine, and disease.

**Acquired Skills**
Students majoring in Biomedical Sciences will master the ability to: analyze and interpret data, work in an organized manner, work in a group and independently for laboratory work and other activities. They will also earn valuable skills, such as: data analysis, evaluation, and interpretation; organization and time-management, critical thinking, computation of statistics, problem-solving, effective oral and written communication, and research ability.

**Potential Employers**
Obtaining a Degree in Biomedical Sciences will open the opportunity to work for several institutions, here are some examples: Academic Departments at Universities, Clinical Laboratories, Private Laboratories; Forensic, Charity, and Government–Funded Laboratories, Hospitals, and more.

**Related Careers**
Biomedical Scientist, Forensic Scientist, Healthcare Scientist, Clinical Biochemistry, Genetics, Hematology, Medicine, Clinical Laboratory Technologist/Technician, Immunology, Microbiologist, Toxicologist, Higher Education Teacher, Science Writer, Medical Sales Representative, Gastroenterology,

**Resources**
- UTRGV Department of Health and Biomedical Sciences – www.utrgv.edu/hbs
- Institute of Biomedical Science – www.ibms.org
- National Association for Biomedical Research – www.nabr.org