Biochemistry

The Biochemistry Undergraduate Major Program provides a challenging and exciting introduction to the chemical basis of biological phenomena.

The major is designed to prepare students who intend to pursue graduate study, attend health-related professional schools, pursue secondary school teaching careers, and fill entry-level positions in private, state, and federal laboratories or in pharmaceutical and biotechnical industries.

The undergraduate curriculum provides a fundamental background in biology, chemistry, genetics, cell biology, and biochemistry, with courses in mathematics and physics necessary for advanced understanding of this broad field.

Transferable Skills

- Broad knowledge of the life sciences
- Operate scientific equipment
- Conduct and share research
- Organize and maintain accurate records
- Solve problems and make detailed observations
- Knowledge of general medical conditions
- Clinical experience and classroom experience
- Thinking critically

Career Communities to Consider

- Healthcare
- Research
- Education & Helping Professions
- Business