***Biotechnology***

**General study courses**

**Humanities studies**

Foreign language

**Social sciences**

Business basics

Basics of psychology

**Natural sciences, technical sciences and information technology**

Higher mathematics

Physics

Computer science

Environmental studies

Civil protection

Labor protection

**Study courses in the field**

B optional courses

Bioenergetics

Toxicology

Plant biotechnology

General and inorganic chemistry

Organic chemistry

Analytical chemistry

Physical and colloidal chemistry

Instrumental analysis

Biochemistry

Microbiology

Engineering graphics

Quality assurance systems and regulations

Basics of legislation

Economics

Processes and equipment

Basics of technological process automation

Industrial biotechnology

Food biotechnology

Environmental biotechnology

Enzymatic preparations extraction technology

Cell biology

Genetics and DNA technology

Medication extraction technology