

Biotechnologia, studia I stopnia

Semestr III

Bioinformatics
Physical chemistry

Semestr IV

In vitro cultures
Physical chemistry

Semestr V

Instrumental analysis
Molecular biology
Analytical methods in biochemistry CHDI/BS
Biomolecular processes modeling CHDI/BS, CHDI/OA
Chemistry of cosmetics CH-DI/BS
Plant biochemistry CHDI/BS

Semestr VI

Enzymology
Genetic engineering
Chemistry and technology of biofuels CHDI/BS
Forensic biochemistry CH-DI/BS
Protein engineering CHDI/BS

Semestr VII

Biosensors
Process Design
Biocatalysis CHDI/BS, CHDI/OA

Biotechnologia, studia II stopnia

Semestr I

Biocompatible materials

Semestr II

Bioinformatics in pharmacy CHDU/BF
Bioinformatics in diagnostics CHDU/DL
Metabolomics and lipidomics CHDU/DL, CHDU/BF
Designing of integrated process systems CHDU/IP
Physical and chemical methods in materials characterization CHDU/IP
Process optimization in biotechnology CHDU/IP
Proteomic diagnostic techniques CHDU/DL

Inżynieria chemiczna i procesowa, studia I stopnia

Semestr II

Metrology and industrial measurements 2

Semestr III

Physical chemistry

Semestr IV

Engineering thermodynamics

Physical chemistry

Semestr VI

Evaluation of the practical properties of polymer materials CP-DI/PT

SemestrVII

Process Design

Inżynieria farmaceutyczna, studia I stopnia

Semestr III

Physical chemistry

Semestr IV

Basics of biotechnology

Pharmaceutical biochemistry

Semestr V

Biocatalysis

Metabolomics in pharmacognosy

Semestr VII

Optimization in the pharmaceutical industry

Technologia chemiczna, studia I stopnia

Semestr II

Metrology and industrial measurements

Semestr III

General and inorganic chemistry

Physical chemistry

Semestr IV

Engineering thermodynamics

Physical chemistry

Semestr V

Sampling and sample storage CC-DI/AC

Semestr VI

Electrochemical technologies 6

Semestr VII

Process Design

Chemical Sensors CC-DI/AC

Spectroscopic methods of analysis CC-DI/AC

Technologia chemiczna, studia II stopnia

Semestr I

Environmental protection in chemical technology

Principles of biotechnology

Semestr II

Methods of polymer analysis CC-DU/AC

Methods of technical analysis CC-DU/AC

Electrochemical methods in chemical analysis CC-DU/AC

Optimization in process and bioprocess engineering CC-DU/IP

Process optimization CC-DU/TL

Biomolecular modeling in drug design CC-DU/TL