

Suma godzin

1125

A - obieralny na Chemicznym**Wydziały****Razem****%****Politechnika
Warszawska****1035****92,0****Chemiczny****68,0**Analytical Methods in
Biotechnology

Bioprocess Laboratory

390

Chemical Biotechnology:

Microbioanalytics

Sensors and Biosensors

lub Characterization of
Biomaterials

Graduate Laboratory

345

Graduate Seminar

30

IChiPControl and Regulation of
Bioprocesses

180

16,0

Biofuels

Selected topics on medical
biotechnology

Microbial Cultures

IS**2,7**Social and Ecological Aspects of
Biotechnology

30

AiNS

Economics and Management

Bioethics

60

5,3**Zewnętrzne****90****8,0**

Experimental Work Methodology

Environmental Biotechnology

Bioinformatics

Suma godzin

1125

B - obieralny na IChiP**Wydziały****Razem****%****Politechnika
Warszawska****1035****92,0****Chemiczny****64,0**

Analytical Methods in Biotechnology
Bioprocess Laboratory
Chemical Biotechnology:
Microbioanalytics
Graduate Laboratory
Graduate Seminar

345

345

30

Control and Regulation of Bioprocesses
Biofuells
Selected topics on medical biotechnology
Microbial Cultures
Separation Processes in Biotechnology

IChiP**20,0**

225

Social and Ecological Aspects of Biotechnology

IŚ**2,7**

30

Economics and Management
Bioethics

AiNS**5,3**

60

Zewnętrzne**90****8,0**

Experimental Work Methodology
Environmental Biotechnology
Bioinformatics