### POZNAN UNIVERSITY OF TECHNOLOGY



EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

### **COURSE DESCRIPTION CARD - SYLLABUS**

### Course name

Instrumental analysis [N1TCh2>AI]

Course				
Field of study Chemical Technology		Year/Semester 3/5		
Area of study (specialization)		Profile of study general academi	с	
Level of study first-cycle		Course offered ir Polish	1	
Form of study part-time		Requirements compulsory		
Number of hours				
Lecture 20	Laboratory classe 15	2S	Other 0	
Tutorials 0	Projects/seminars 0	5		
Number of credit points 5,00				
Coordinators	Lecturers			
dr hab. inż. Joanna Zembrzuska joanna.zembrzuska@put.poznal				
dr hab. inż. Magdalena Krawczy magdalena.krawczyk@put.pozn				
Prerequisites				
none				

#### **Course objective**

none

#### Course-related learning outcomes

none

#### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

none

#### **Programme content**

none

# Course topics

none

# **Teaching methods**

none

# Bibliography

none

# Breakdown of average student's workload

	Hours	ECTS
Total workload		
Classes requiring direct contact with the teacher		
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)		