Programme	Chemistry BSc
Course title	Physical Chemistry (2)
Name of lecturer	Ernő Keszei, György Inzelt
Type of course	compulsory, semi-optional, elective
Module	non-chemical, core-chemical, specialized chemical, chemistry teacher
Course code	KA2FZ3 + KA2FZ4
Number of credits	2+1
Year of study	2
Semester	fall, spring
Form of tuition	lectures, practice, laboratory practice, other
Course contents	The material of this course is based on the knowledge of physical chemistry (1). It begins with a brief development of statistical thermodynamics, followed by the basics of chemical kinetics, along with its application for practically relevant problems. The second part deals with kinetics of electrode reactions, practical and technological applications of electrochemistry, corrosion and corrosion prevention.
Assessment method	written/oral examination, practical course mark, other
Recommended reading	M.J. Pilling, P.W. Seakins: Reaction Kinetics, Oxford, 1993 P.W. Atkins: Physical Chemistry, 7th edition, London, 1998 F. Scholz (editor) Electroanalytical Methods, Springer, 2002
Language of instruction	Hungarian