№	LECTURES THEME	Hours	Date
19	Oxidation-reduction titration. Classification. The Nernst equations. Factors affecting the speed and redox pairs of the OVP potential. Types of titration. Indicators.	2	6.02.-12.02.19.
20	Permanganatometry. The essence of the method. Titrant and the condition of the method. Application.	2	13.02.-19.02.19.
21	Iodimetry. Iodometry. Titrants of the method. Definition of CTT. Quantitative determination of oxidants and reducing agents.	2	20.02.-26.02.19.
22	Bromometric titration. Dichromatometric titration.	2	27.02.-05.03.19.
23	Chloriodimetric titration. Nitrite and cerium titration.	2	6.03.-12.03.19.
24	Methods of precipitation titration, classification, indicators. Titration curve.	2	13.03.-19.03.19.
25	Argentometric titration. Thiocyanatometric- and mercurometric titration.	2	20.03.-26.03.19.
26	Complexometric titration. Mercurumetry.	2	27.03.-2.04.19.
27	Complexometric titration curve. Metallochromic indicators. Application Trilon B in the analysis.	2	3.04.-9.04.19.
28	Instrumental methods of analysis. Classification. Molecular spectral analysis.	2	10.04.-16.04.19.
29	Optical methods of analysis. Photoelectrocolorimetry. Differential photometry. Photometric titration.	2	17.04.-23.04.19.
30	Spectrophotometry. Application in qualitative and quantitative analysis.	2	24.04.-30.04.19.
31	Extraction-photometric analysis. Lumenscent methods of analysis. Fluorimetry.	2	1.05.-7.05.19.
32	Electrochemical methods of analysis. Basic laws Potentiometry. Potentiometric titration.	2	8.05.-14.05.19.
33	Conductometry. Conductometric titration.	2	15.05.-21.05.19.
34	Voltammetric methods of analysis. Polarography, amperometry. Coulometry.	2	22.05.-28.05.19.
35	Chromatographic methods of quantitative analysis. Thin-layer and ion-exchange chromatography. Gel chromatography.	2	29.05.-4.06.19.
36	Gas chromatography. High performance liquid chromatography	2	5.06.-11.06.19.
Total 18 x 2=36 hours			