

Schedule of laboratory lesson on Analytical Chemistry
(For second year students of the Overseas Students' Training Faculty with
English language of training in speciality «Pharmacy»), Spring 2024

№	Data	The subject of seminar/ <i>laboratory work</i>	Room
1	15.02.2024 12 ³⁰ -16 ⁴⁵	Oxidation-reduction equilibria. Oxidation-reduction titration. <i>Standardisation of Sodium Thiosulfate.</i>	402
2	22.02.2024 12 ³⁰ -16 ⁴⁵	Iodometric, Iodochlorimetric, Nitritometric titrations. <i>Nitritometric analysis of novokaine.</i>	402
3	29.02.2024 12 ³⁰ -16 ⁴⁵	Bromatometric, Permanganatometric, Cerimetric methods of analysis. <i>Standardisation of Potassium Permanganate Solution. Quantitative determination of hydrogen peroxide.</i>	402
4	07.03.2024 12 ³⁰ -16 ⁴⁵	Control work № 3. <i>Idometric determination of vitamin C.</i>	402
5	14.03.2024 12 ³⁰ -16 ⁴⁵	General characteristic of instrumental methods of analysis. Law of absorption of electromagnetic radiations. Methods of calculating the concentration of a substance by the value of the analytical signal. <i>Photometric determination of cyanocobalamin.</i>	402
6	21.03.2024 12 ³⁰ -16 ⁴⁵	Atomic absorption spectroscopy. <i>The Photocolorimetric determination of Fe(III).</i>	402
7	28.03.2024 12 ³⁰ -16 ⁴⁵	Molecular absorption spectroscopy. <i>The UV-spectrophotometric determination of novokaine.</i>	402
8	04.04.2024 12 ³⁰ -16 ⁴⁵	Emission spectroscopy. Luminescent methods of analysis. <i>Quantitative determination of riboflavin by fluorimetry.</i>	402
9	11.04.2024 12 ³⁰ -16 ⁴⁵	Control work № 4. <i>The Photocolorimetric determination of etonium.</i>	402
10	18.04.2024 12 ³⁰ -16 ⁴⁵	Chromatographic methods of analysis. Classification. <i>Application of TLC in quantitative analysis.</i>	402
11	25.04.2024 12 ³⁰ -16 ⁴⁵	Gas chromatography. <i>Qualitative and quantitative GC analysis of organic substances.</i>	402
12	02.05.2024 12 ³⁰ -16 ⁴⁵	Liquid chromatography. Part I. <i>Determination of aminazine.</i>	402
13	09.05.2024 12 ³⁰ -16 ⁴⁵	Liquid chromatography. Part II. HPLC analysis of drugs.	402
14	16.05.2024 12 ³⁰ -16 ⁴⁵	Electrochemical methods of analysis. Theory and applications. Conductometry. Coulometry. <i>Conductometric determination of mixture of acids.</i>	402
15	23.05.2024 12 ³⁰ -16 ⁴⁵	Potentiometry. <i>Potentiometric determination of Na₃PO₄ and Na₂HPO₄.</i>	402
16	30.05.2024 12 ³⁰ -16 ⁴⁵	Voltammetry. Polarography. Exam – Test. <i>Ion-exchange determination of sodium chloride with conductometric detection.</i>	402
17	06.06.2024 12 ³⁰ -16 ⁴⁵	Practical Skills Exam	402

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