

Date	Hours	Class No	Type	Topic	Teacher
12.10.2020	12 ³⁰ -14 ⁰⁰	3	Sem	Review of fundamental laws and definitions in field of general and inorganic chemistry. General chemistry: Atomic mass, molecular mass, basic groups of chemical compounds (acids, bases, salts, oxides). Concentration units of solutions, concentrations of aqueous solutions, conversion of molar concentration into percentages and vice versa. pH, pKa. Buffer solutions. Chemical laws. Types of chemical reactions. Qualitative analysis: identifying cations and anions. Pharmacopoeia. Ions contaminants in drugs	dr A. Podkowa
15.10.2020	7 ⁴⁵ -11 ³⁰	012	Ex	The Pharmacopoeial methods for qualitative determination cations and anions and identifying of selected ions as contaminants in medicines	prof. W. Opoka dr A. Podkowa
19.10.2020	12 ³⁰ -14 ⁰⁰	3	Sem	Application of classical and instrumental methods in pharmaceutical analysis. Electrochemical methods	dr M. Szłósarczyk
22.10.2020	7 ⁴⁵ -11 ³⁰	012	Ex	Determination of elements in drugs by AAS and voltammetric methods	dr A. Kryczyk-Poprawa dr M. Szłósarczyk
26.10.2020	12 ³⁰ -14 ⁰⁰	3	Sem	Validation of analytical methods and GLP	dr A. Kwiecień
29.10.2020	7 ⁴⁵ -11 ³⁰	012	Ex	Validation of HPLC method	dr A. Kwiecień mgr B. Żuromska-Witek
9.11.2020	12 ³⁰ -14 ⁰⁰	3	Sem	Stress testing of drugs	dr A. Kwiecień
12.11.2020	7 ⁴⁵ -11 ³⁰	012	Ex	Investigating the polymorphism and incompatibilities of drugs by means of DSC	dr P. Talik dr J. Piotrowska
16.11.2020	12 ³⁰ -14 ⁰⁰	3	Sem	Spectrophotometric methods	dr A. Kryczyk-Poprawa
23.11.2020	12 ³⁰ -14 ⁰⁰	3	Sem	Separation methods	dr hab. M. Starek
30.11.2020	12 ³⁰ -14 ⁰⁰	3	Sem	Lipophilicity study	dr hab. M. Dąbrowska

Sem – Seminar; Ex – Laboratory

(Seminars – 14h (by 2h), Laboratory – 20h (by 5h))