

ACADEMIC YEAR 2021/2022

Faculty of Pharmaceutical Sciences in Sosnowiec / Medical University of Silesia in Katowice					
No.	Course name	Max ECTS	Area	Winter Semester	Summer Semester
PS_01	Anatomy	2	Pharmacy	YES	NO
PS_02	Biophysics	2	Pharmacy	YES	NO
PS_03	Molecular biology	3	Pharmacy	NO	YES
PS_04	Botany	5	Pharmacy	YES	NO
PS_05	Analytical chemistry I	5	Pharmacy	NO	YES
PS_06	Physical chemistry	4	Pharmacy	NO	YES
PS_07	General and inorganic chemistry	7	Pharmacy	YES	YES
PS_08	Pysiology with ergonomics elements	6	Pharmacy	NO	YES
PS_09	Pathophysiology	4	Pharmacy	NO	YES
PS_10	Biochemistry	7	Pharmacy	NO	YES
PS_11	Analytical chemistry II	4	Pharmacy	YES	NO
PS_12	Drug chemistry	16	Pharmacy	YES	YES
PS_13	Organic chemistry	9	Pharmacy	YES	YES
PS_14	Immunology	3	Pharmacy	YES	NO
PS_15	Microbiology	5	Pharmacy	YES	NO
PS_16	Pharmaceutical biotechnology	2	Pharmacy	YES	NO
PS_17	Bromatology	4	Pharmacy	YES	NO
PS_18	Pharmacognosy	11	Pharmacy	YES	YES
PS_19	Synthesis and technology of medicinal products	5	Pharmacy	YES	NO
PS_20	Toxicology	7	Pharmacy	NO	YES
PS_21	Biopharmacy	3	Pharmacy	YES	NO
PS_22	Biotransformation and metabolism of the drug	5	Pharmacy	NO	YES
PS_23	Diagnostic aspects of pharmaceutical care	2	Pharmacy	YES	NO
PS_24	Pharmacoepidemiology	2	Pharmacy	YES	NO
PS_25	Drug form technology III	4	Pharmacy	YES	NO
PS_26	Pharmacotherapy and drug information	4	Pharmacy	YES	NO
PS_27	Practical pharmacy	4	Pharmacy	YES	YES
PS_28	Hospital pharmacy	2	Pharmacy	YES	NO
PS_29	Pharmaceutical care	3	Pharmacy	NO	YES
PS_30	Cosmetology	13	Pharmacy	YES	YES
PS_31	Basics of cosmeceutical biopharmacy	3	Pharmacy	NO	YES

PS_32	Tissue and cell cultures of plants and animals	4	Biotechnology	YES	NO
PS_33	Physics and biophysics	5	Biotechnology	YES	NO
PS_34	Anatomy and physiology with elements of ergonomics	5	Biotechnology	YES	NO
PS_35	General and analytical chemistry	4	Biotechnology	YES	NO
PS_36	Physical chemistry	4	Biotechnology	YES	NO
PS_37	Organic chemistry	5	Biotechnology	NO	YES
PS_38	General genetics	4	Biotechnology	NO	YES
PS_39	Plant biology	4	Biotechnology	NO	YES
PS_40	Biochemistry	5	Biotechnology	YES	NO
PS_41	General microbiology	6	Biotechnology	YES	NO
PS_42	Immunology	5	Biotechnology	YES	NO
PS_43	Instrumental analysis	5	Biotechnology	YES	NO
PS_44	Molecular biology with elements of molecular diagnostics	6	Biotechnology	NO	YES
PS_45	Introduction to drug biotechnology	4	Biotechnology	NO	YES
PS_46	Enzymology and protein chemistry	4	Biotechnology	YES	NO
PS_47	Drug biotechnology	6	Biotechnology	YES	NO
PS_48	Genetic engineering	6	Biotechnology	YES	NO
PS_49	Laboratory diagnostics in medical biotechnology	3	Biotechnology	YES	NO
PS_50	Cellular and molecular mechanisms of drug action	3	Biotechnology	YES	NO
PS_51	Molecular biotechnology	4	Biotechnology	NO	YES
PS_52	Biomaterials in medicine	5	Biotechnology	NO	YES
PS_53	Basics of tissue and organ innervation	3	Biotechnology	YES	NO
PS_54	Biochemical aspects of human body functioning	3	Biotechnology	NO	YES
PS_55	Laboratory animals	3	Biotechnology	YES	NO
PS_56	Faculties: optional of the following modules: biomedical, biotechnological, biological, exact sciences and molecular - biochemical module	3	Biotechnology	YES	YES