

Study program Pharmacy - Optional subjects for the academic year 2024/2025

Subject	Code	Guarantor	Year / semester	Prerequisites	Recommended knowledge	Compulsory seminars / practical classes	Open*	Capacity
Applied Computer Technology	GAF 131	assoc. prof. Duintjer Tebbens	1/SS		Basic Mathematics	yes	yes	max 30 students
Basics of Molecular Modelling of Drugs	GAF 316	dr. Zitko	4/WS			yes	yes	
Bioanalysis of Drugs	GAF 315	assoc. prof. Kučera	4/WS	Pharm. Analysis II - necessary		yes	yes, only if regular students register this subject	additional registration is not possible
Biotechnology	GAF 231	dr. Siatka	3/SS	Molecular Biology	necessary knowledge of molecular biology	yes	yes	
Clinical-Pharmaceutical Care	GAF 317	prof. Viček	4/SS	Pharmacology, Clinical Pharmacy I		yes	yes	
Constitution of Organic Compounds	GAF 224	prof. Vinšová	1/SS			yes	yes	
Cosmetology for Pharmacists	GAF 251	dr. Kováčik	4/WS			no	yes	
Current Trends in the Development of Chemical Drugs	GAF 244	dr. Kučerová M.	3/SS			no	yes	
Czech Language	GAF 259	Mgr. Katerová	1/WS+SS			yes	yes	
Exercises in General Chemistry	GAF 216	dr. Matouš	1/WS			yes	yes	
Exercises in Organic Chemistry	GAF 294	prof. Vinšová	1/SS			yes	yes	
Extemporaneous Preparation in Hospital Pharmacy	GAF 327	assoc. prof. Šklubalová	4/WS	Pharm. Techn. I	lessons available	yes	yes	max 3 students
Gene Therapy	GAF 325	assoc. prof. Miletin	4/WS			yes	yes	
Immunopharmacology	GAF 234	dr. Urbánková - Rathouská	3/SS	Immunology		yes	yes	
Industrial Production of Pharm. Preparations I	GAF 378	dr. Směkalová	4/SS			yes	yes	max 5 students
I								
Introduction to Applied Bionformatics	GAF 332	assoc. prof. Matoušková	3/SS	molecular biology		yes	yes (after discussion also WS is available)	
Introduction to Integrative Medicine	GAF 290	dr. Pokladníková	4/WS	Health Care Psychology, Pharmacognosy II		yes	yes	
Mass Spectrometry	GAF 359	assoc. prof. Nováková	4/WS	Pharm. Analysis II		yes	not possible to attend	
Medicinal Plants Production	GAF 238	dr. Hrádková Breiterová	3/SS			yes	yes	min 4 students, max 10 students
Pharmacoeconomics and Health Technology Assessment	GAF 287	dr. Klimeš	4/WS	Pharmacology, basis of social pharmacy and drug policy		yes	yes	min 4 students
Pharmacokinetics	GAF 358	assoc. prof. Čečková	3/SS	Pharmacology I		yes	yes	
Phytochemical Methods	GAF 226	prof. Cahliková	3/WS			yes	yes	min 4 students, max 12 students
Phytopharmaceuticals	GAF 354	dr. Šafratová	4/SS	Pharmacognosy II	necessary knowledge of pharmacognosy	no	yes	
Radiopharmacy	GAF 248	prof. Trejtnar	4/WS			yes	yes	
Selected Chapters from the History of Pharmacy	GAF 220	dr. Bolom Kotari	1/SS			no	yes	min 5 students
Selected Methods of Laboratory Technique	GAF 400	dr. Kitson	2/SS	Org. Chemistry I, General and Inorganic Chemistry		yes	yes	max 24 students
Special Methods of Instrumental Analysis - Lessons	GAF 313	assoc. prof. Sklenářová	3/WS			no	yes	min 4 students
Special Methods of Instrumental Analysis - Practical Classes	GAF 314	assoc. prof. Sklenářová	3/WS	after lectures		yes	yes	min 4 students
Technology of Homoeopathic Preparations	GAF 250	assoc. prof. Šklubalová	4/WS			no	yes	
Technology of Natural Drugs	GAF 236	dr. Siatka	3/SS	Pharmacognosy II	necessary knowledge of pharmacognosy	yes	yes	
Technology of Synthetics Drugs	GAF 243	prof. Doležal	3/SS	Org. Chemistry II		yes	yes	
Toxicity of Natural Substances	GAF 353	assoc. prof. Clebek	4/SS	Pharmacology II		no	yes	min 5 students
Xenobiochemistry	GAF 237	prof. Wsól	3/WS	Molecular Biology		yes	yes	
Xenobiochemistry/ practical classes	GAF 361	prof. Wsól	3/SS			yes	yes	

* no - it is not possible to include this subject into the learning agreement, but the subject can be potentially registered later if there will be registered students from our faculty
yes - always open