

FIRST YEAR

	Course code	Guarantor/ Teacher	Course	ECTS	Autumn	Spring
Compulsory courses (A)	FAUD1_11	Ambrus	Introduction to Study and History of Pharmacy	3	3/0/0 Ex	*
	FABR1_12	Babula	Botany I	4	2/2/0 Cr	
	FAOB1_14	Paráková	Biology	5	2/2/0 Ex	
	FAPP1_14	Štourač	Premedical First Aid	3	1/1/0 Ex	
	FAMC1_14	Chalupová	Human Morphology	4	2/1/0 Ex	
	FAAC1_15	Goněc	General and Inorganic Chemistry	8	3/3/0 Ex	
	FAOL1_cjv	Prucklová	Professional Latin I	2	0/1/0 Cr	
	FALE1_11	Smejkalová	Introduction to Pharmacy Practice	3		1/1/0 Ex
	FABR2_12	Babula	Botany II **	5		2/2/0Ex
	FASU1_13	Vetchý	Physical Chemistry	6		2/2/0 Ex
	FABF1_13	Muselík	Biophysics	3		2/0/0 Ex
	FAOC1_15	Bobál'	Organic Chemistry	10		5/4/0 Ex
	FAOL2_cjv	Prucklová	Professional Latin II **	3		0/2/0 Ex

Selective courses (C)	FALT1_15	Mokrý	Basic Chemical Calculations	2	0/2/0 Cr	
	FAAD1_FAF	Šmejkal	Advances in Pharmacy	2	1/0/0 Cr	1/0/0 Cr
	FABF2_13	Muselík	Biophysics – Laboratory Practice	2		0/2/0 Cr
	FASO1_15	Bobál'	Organic Chemistry Seminar	2		0/2/0 Cr

* Hours per week of: Lectures / Practical Classes / Seminars

Type of completion: Ex = Examination / Cr = Credit test / Col = colloquium

** Prerequisites for enrolment in courses with 2 parts (I and II) – only students who have previously passed the first (I) part (either at our faculty or their home university) can enrol in the second (II) part of the course.

SECOND YEAR

	Course code	Guarantor/ Teacher	Course	ECTS	Autumn	Spring
Compulsory courses (A)	FAPC1_14	Parák	Human Physiology and Pathophysiology I	4	2/1/0 Cr	
	FAAI1_15	Pazourek	Analytical Chemistry I	4	2/3/0 Cr	
	FAMB1_16	Treml	Microbiology	5	2/2/0 Ex	
	FABC1_16	Brázdová	Biochemistry	6	3/1/0 Ex	
	FAME1_16	Brázdová	Molecular Biology	3	2/0/0 Ex	
	FACJ1_cjv	Prucklová	Czech Language	2	0/2/0 Ex	
	FAFY1_12	Šmejkal	Phytochemistry	3		1/1/0 Cr
	FAPC2_14	Parák	Human Physiology and Pathophysiology II **	6		2/2/0 Ex
	FAAI2_15	Pazourek	Analytical Chemistry II	7		2/3/0 Ex
	FAFB1_15	Farsa	Medicinal Chemistry I	3		3/1/0 Cr

Compulsory - selective courses (B)	FAIS1_15	Pazourek	Applied Statistics	5	2/2/0 Ex	
	FACP1_15	Vranová	Food Chemistry and Principles of Dietology	3	2/0/0 Ex	
	FALR1_12	Dvorská	Production of Medicinal Plants	4		2/1/0 Ex
	FACJ2_cjv	Prucklová	Advanced Czech Language **	2		0/2/0 Ex
	FAPB1_16	Brázdová	Pathobiochemistry	4		2/1/0 Ex

Selective (C)	FAAD1_FAF	Šmejkal	Advances in Pharmacy	2	1/0/0 Cr	1/0/0 Cr
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THIRD YEAR

	Course code	Guarantor/ Teacher	Course	ECTS	Autumn	Spring
Compulsory courses (A)	FALK1_11	Smejkalová	Pharmacy Practice	5	2/2/0 Ex	
	FAFG1_12	Šmejkal	Pharmacognosy I	4	2/4/0 Cr	
	FALF1_13	Vetchý	Theory of Dosage Forms	4	2/1/0 Ex	
	FAFB2_15	Farsa	Medicinal Chemistry II **	11	3/5/0 Ex	
	FATO1_14	Suchý	Toxicology	4	2/1/0 Ex	
	FAFG2_12	Šmejkal	Pharmacognosy II **	10		2/5/0 Ex
	FAFT1_14	Kollár	Pharmacology I	7		3/3/0 Cr

Compulsory – selective courses (B)	FAEZ1_11	Mazánková	Economics of Health Care	3	1/1/0 Ex	
	FAIL1_16	Rotrekl	Immunology for Pharmacists	3	2/0/0 Ex	
	FAMG1_16	Hošek	Methods of Molecular Biology	2	1/0/0 Ex	
	FACF1_15	Farsa	Chemistry of Pharmaceutical Excipients	3		1/1/0 Ex
	FAZV1_15	Farsa	Molecular Principles of Drug Design	4		2/1/0 Ex
	FABL1_16	Hošek	Biotechnology of Drugs	4		3/0/0 Ex
	FABL2_16	Tremel	Biotechnology of Drugs – Practical Classes	2		0/2/0 Cr

Selective courses (C)	FAMI1_12	Malaník	Modern Methods of Extraction and Identification of Natural Compounds	2	1/0/0 Ex	
	FASC1_12	Jurček	Supramolecular Pharmacy	3	2/0/0 Ex	
	FAIC1_15	Opatřilová	Interactions of Medicines, People and Environment	3	2/0/0 Ex	
	FAAD1_FAF	Šmejkal	Advances in Pharmacy	2	1/0/0 Cr	1/0/0 Cr
	FAMF1_15	Opatřilová	Forensic Analysis Methods	3		2/0/0 Ex
	FASI1_15	Opatřilová	Substance Interactions Analysis	3		2/0/0 Ex

FOURTH YEAR

	Course code	Guarantor/ Teacher	Course	ECT S	Autumn	Spring
Compulsory courses (A)	FAFP1_11	Vašut	Pharmaceutical Care I	2	1/1/0 Cr	
	FAPE1_11	Smejkalová	Pharmacy Law and Ethics	4	2/1/0 Ex	
	FAFO1_13	Kubová	Dosage Forms and Biopharmacy I	5	3/6/0 Cr	
	FAFT2_14	Kollár	Pharmacology II **	7	3/3/0 Ex	
	FAAL1_15	Opatřilová	Analysis of Drugs	8	2/3/0 Ex	
	FABU1_15	Farsa	Biopharmaceuticals	2	1/0/0 Ex	
	FAFP2_11	Vašut	Pharmaceutical Care II **	4		1/2/0 Ex
	FASF1_11	Kolář	Social Pharmacy	4		2/1/0 Ex
	FAFO2_13	Kubová	Dosage Forms and Biopharmacy II **	11		3/6/0 Ex
	FAKF1_14	Horská	Pharmacotherapy and Clinical Pharmacology	5		3/0/0 Ex

Compulsory - selective courses (B)	FAVP1_14	Horská	Non-prescription Medicines	3	1/1/0 Ex	
	FATL1_12	Šmejkal	Toxicology of Natural Compounds	4	2/1/0 Ex	
	FAKP1_13	Kubová	Cosmetic Products	3		2/0/0 Ex
	FAVG1_13	Gajdziok	Advanced Drug Delivery	4		1/2/0 Ex
	FANL1_13	Vysloužil	Technology of Hospital Pharmaceuticals	3		1/1/0 Ex
	FAFK1_14	Kauerová	Pharmacokinetics	3		1/0/1 Ex
	FAKC1_11	Lžičář	Pharmacy Counselling	2		0/1/0 Cr

Selective courses (C)	FAAM1_13	Elbl	Additive Manufacturing in Pharmaceutical Technology	3	1/1/0 Col	
	FAMI1_12	Malaník	Modern Methods of Extraction and Identification of Natural Compounds	2	1/0/0 Ex	
	FASC1_12	Jurček	Supramolecular Pharmacy	3	2/0/0 Ex	
	FATD1_14	Horská	Therapeutic Drug Monitoring in Clinical Practice	2	1/0/0 Ex	
	FAHT1_11	Grega	Health Technology Assessment	3		1/1/0 Col

FIFTH YEAR

	Course code	Guarantor/ Teacher	Course	ECTS	Autumn	Spring
Selective courses (C)	FAKJ1_15	Opatřilová	Selected Methods of Drug Quality Control	2	1/0/0 Ex	
	FERP1_FAF	Šmejkal	Research Project I	4	0/4/0 Cr	0/4/0 Cr
	FERP2_FAF	Šmejkal	Research Project II	5-25	0/25/0 Ex	0/25/0 Ex

Courses '**Research project I and II**' are primarily for students in their last year of studies who are already working on their diploma thesis. The enrolment is not guaranteed in advance, students need to contact the faculty's Erasmus office at erasmus@pharm.muni.cz well in advance so that our coordinator can find them a supervisor for the project. Only after they are assigned the supervisor, can the students enrol in the course.