

CURRICULUM FOR THE ACADEMIC YEAR 2018/2019

Curriculum of the English Master Study Programme

Pharmacy

At the Faculty of Pharmacy

University of Veterinary and Pharmaceutical Sciences Brno**First Year of Study**

		Teacher	Course	ECTS	Winter*	Summer*
Compulsory courses	3110/FAUD1	Ambrus	Introduction to Study and History of Pharmacy	3	3/0/0 Ex	
	3120/FABR1	Babula	Botany I	4	2/0/2 Cr	
	3140/FAOB1	Kizek	Biology	5	2/2/0 Ex	
	3140/FAPP1	Frydrych	Premedical First Aid	2	1/0/1 Ex	
	3140/FAMC1	Chalupova	Human Morphology	4	2/1/0 Ex	
	3150/FAAC1	Gonec	General and Inorganic Chemistry	8	3/3/0 Ex	
	9750/FAOL1	Ritickova	Professional Latin I	1	0/0/1 Cr	
	3110/FALE1	Maceskova	Introduction to Pharmacy	3		1/0/1 Ex
	3120/FABR2	Babula	Botany II	5		2/0/2 Ex
	3130/FASU1	Vetchy	Physical Chemistry and Fundamentals of Colloids	6		2/2/0 Ex
	3130/FABF1	Muselik	Biophysics	3		2/0/0 Ex
	3150/FAOC1	Bobal	Organic Chemistry	10		5/4/0 Ex
	9750/FAOL2	Ritickova	Professional Latin II	3		0/0/2 Ex
			Lessons, exams and credits total	57	13/6/4	12/6/5
Selective courses	3150/FALT1	Kroutil	Basics of Laboratory Techniques	2	0/2/0 Cr	
	9760/FATV1	Kratky	Physical Education I	1	0/2/0 Cr	
	3110/FAPL1	Maceskova	Introductory Pharmacy Internship	2		2weeks Cr
	3130/FABF2	Muselik	Biophysics – Laboratory Practice	2		0/2/0 Cr
	3150/FASO1	Bobal	Organic Chemistry Seminary	2		0/0/2 Cr
	9760/FATV2	Kratky	Physical Education II	1		0/2/0 Cr
			Credits total	11		

* Lectures / Practical Classes / Seminars

Ex... Examination

Cr... Credit

50 credits is the minimal requirement for enrolment to the 2nd year of study

Second Year of Study

		Teacher	Course	ECTS	Winter	Summer
Compulsory courses	3140/FAPC1	Parak	Physiology and Pathophysiology I	4	2/1/0 Cr	
	3150/FAAI1	Pazourek	Analytical Chemistry I	3	2/3/0 Cr	
	3160/FAMB1	Feit	Microbiology	5	2/2/0 Ex	
	3160/FABC1	Brazdova	Biochemistry	6	3/1/0 Ex	
	3120/FAME1	Brazdova	Molecular Biology	2	2/0/0 Ex	
	9750/FACJ1	Ritickova	Czech Language	2	0/0/2 Ex	
	3120/FAFY1	Smejkal	Phytochemistry	3		1/1/0 Cr
	3140/FAPC2	Parak	Physiology and Pathophysiology II	6		2/2/0 Ex
	3150/FAAI2	Pazourek	Analytical Chemistry II	7		2/3/0 Ex
	3150/FAFB1	Farsa	Medicinal Chemistry I	3		3/0/1 Cr
			Lessons, exams and credits total	41	11/7/2	8/6/1
Compulsory - selective	2340/FACP1	Vorlova	Food Chemistry and Principles of Dietology	2	2/0/0 Ex	
	3110/FARI1	Ambrus	Managed Pharmaceutical Practice	2		2 weeksCr
	3120/FAPH1	Hassan	Phytopathology	3		2/0/1 Ex
	3150/FAIS1	Pazourek	Statistics	5		2/2/0 Ex
	3160/FAPB1	Brazdova	Pathobiochemistry	4		2/1/0 Ex
			Credits total	22		
Selective courses	9760/FATE1	Kratky	Physical Education III	1	0/2/0 Cr	
	9750/FACJ2	Ritickova	Advanced Czech Language	2		0/0/2 Ex
	9760/FATE2	Kratky	Physical Education IV	1		0/2/0 Cr
			Credits total	4		

100 credits is the minimal requirement for enrolment to the 3rd year of study

Third Year of Study

		Teacher	Course	ECTS	Winter	Summer
Compulsory courses	3110/FALK1	Smejkalova	Pharmacy Practice	4	2/0/2 Ex	
	3120/FAFG1	Smejkal	Pharmacognosy I	4	2/4/0 Cr	
	3130/FALF1	Vetchy	Theory of Medical Forms	4	2/1/0 Ex	
	3150/FAFB2	Farsa	Medicinal Chemistry II	11	3/5/0 Ex	
	3110/FARP1	Smejkalová	Internship I – 2 weeks	2		2 weeksCr
	3120/FAFG2	Smejkal	Pharmacognosy II	10		2/5/0 Ex
	3140/FATO1	Parak	Toxicology	4		2/1/0 Ex
	3140/FAFT1	Kollar	Pharmacology I	7		3/0/3 Cr
			Lessons, exams and credits total	46	9/10/2	7/6/3
Compulsory - selective	3110/FAEZ1	Mazankova	Health Care Economics	2	1/0/1 Ex	
	3120/FAEK1	Babula	General Ecology and Ecology of Human Health	2	2/0/0 Ex	
	3120/FAEP1	Babula	Explant Cultures	3	1/1/0 Ex	
	3120/FAFF1	Dankova	Phytopharmaceuticals	2		1/0/0 Ex
	3150/FAZV1	Farsa, Gonec	Molecular Principles of Drug Design	4		2/1/0 Ex
			Credits total	44		

150 credits is the minimal requirement for enrolment to the 4th year of study

Fourth Year of Study

		Teacher	Course	ECTS	Winter	Summer
Compulsory courses	3110/FAFP1	Vasut	Pharmaceutical Care I	1	1/0/1 Cr	
	3110/FAPE1	Smejkalova	Pharmacy Law and Ethics	4	2/0/1 Ex	
	3130/FAFO1	Kubova	Medical Forms and Biopharmacy I	5	3/6/0 Cr	
	3140/FAFT2	Kollar	Pharmacology II	7	3/0/3 Ex	
	FACD1		Diploma Thesis I	4	0/4/0 Cr	
	3110/FAFP2	Vasut	Pharmaceutical Care II	4		1/0/2 Ex
	3110/FASF1	Kolar	Social Pharmacy	4		2/0/1 Ex
	3130/FAFO2	Kubova	Medical Forms and Biopharmacy II*	11		3/6/0 Ex
	3140/FAKF1	Kotolova	Pharmacotherapy and Clinical Pharmacology	5		3/0/0 Ex
	3150/FAAL1	Opatrilova	Analysis of Drugs	8		2/3/0 Ex
	FACD2		Diploma Thesis II	4		0/4/0 Cr
			Lessons, exams and credits total	57	9/10/5	11/13/3
Compulsory - selective courses	3120/FATL1	Smejkal	Toxicology of Natural Compounds	4	2/1/0 Ex	
	3140/FAVP1	Kotolova	Pharmacological and Social Aspects of OTC Drugs	3	1/0/1 Ex	
	3110/FAFE1	Dohnal	Pharmacoeconomics	2		1/0/0 Ex
	3110/FAKC1	Lzicar	Consulting in Pharmacy	1		0/0/1 Ex
	3120/FAHP1	Sychrova	Homeopathic Drugs	2		2/0/0 Ex
	3130/FAKP1	Kubova	Cosmetic Products	3		2/0/0 Ex
	3130/FAVG1	Kubova	Advanced Drug Delivery *	4		1/2/0 Ex
	3130/FAMH1	Vetchy	Methods of Evaluation and Forming Formulation Files of the Drugs	2		1/0/1 Ex
	3130/FANL1	Vyslouzil	Hospital Pharmaceutics and their Technology	3		1/1/0 Ex
	3140/FACT1	Frydrych	Cardiovascular Pharmacotherapy	3		2/0/1 Ex
	3140/FAGF1	Chalupova	Geriatric Pharmacotherapy	3		2/0/0 Ex
	3140/FAIF1	Frydrych	Immunopharmacology	4		2/0/1 Ex
	3150/FABU1	Farsa	Biological Drugs	2		1/0/0 Ex
			Credits total	46		

* Prerequisite for registration of FAFO2 and FAVG1: passed FAFO1

* Prerequisite for registration of FASP1: passed FAFM1

200 credits is the minimal requirement for enrolment to the 5th year of study

Fifth Year of Study

		Teacher	Course	ECTS	Winter	Summer
Compulsocourses	FACD3		Diploma Thesis III	18	6 weeksCr	
	3110/FASM1	Saloun	Internship II - 24 Weeks	24	26 weeks Cr	
			Lessons, exams and credits total	40		
	3150/FAKJ1	Opatrilova	Selected Methods of Drug Quality Control	2	1/0/0 Ex	
			Credits total	7		

300 credits is the minimal requirement for FINAL STATE EXAMINATION

Final State Examination:

Social Pharmacy – Pharmacy Practice

Pharmacognosy

Pharmaceutical Technology

Pharmacology and Toxicology

Pharmaceutical Chemistry

And

Diploma Thesis Defence