

COURSE CATALOGUE

Faculty of Pharmacy

UNDERGRADUATE COURSE CATALOGUE FACULTY OF PHARMACY

1st YEAR

No	COURSE CODE	COURSE TITLE	TOTAL ECTS credits
1	OB1	Matematica (Mathematics)	5
2	OB2	Fizica farmaceutica (Pharmaceutical physics)	10
3	OB3	Chimie generala si anorganica (General and Inorganic chemistry)	12
4	OB4	Botanica farmaceutica (Pharmaceutical Botany)	12
5	OB5	Chimie analitica si metode fizico-chimice de analiza (Analytical chemistry and physico-chemical methods)	7
6	OB6	Propedeutica farmaceutica (Pharmaceutical Propedeutics)	3
7	OB7	Informatica (Informatics)	3
8	OP8	Materiale de ingrijire la domiciliu / Istoria farmaciei (Home care materials / Pharmacy history)	2
9	OB9	Limbi straine - Foreign languages (English / French)	2
10	OB10	Educatie fizica (Physical education)	2
11	OB11	Stagiu practic de specialitate (Practical training)	2
		TOTAL	60

2nd YEAR

No	COURSE CODE	COURSE TITLE	TOTAL ECTS credits
1	OB1	Chimie analitica si metode fizico-chimice de analiza (Analytical chemistry and physico-chemical methods)	13
2	OB2	Microbiologie generala si farmaceutica (General and Pharmaceutical Microbiology)	8
3	OB3	Chimie organica (Organic Chemistry)	13
4	OB4	Anatomie, fiziologie, fiziopatologie	6
5	OB5	Chimie fizica si coloidala (Physical and Colloid Chemistry)	8
6	OB6	Limbi straine - Foreign languages (English / French)	
7	OB7	Educatie fizica (Physical education)	2
8	OP8	Terminologie medicala si farmaceutica / Biologie celulara si moleculara / Pedagogie (Medical and Pharmaceutical terms / Cellular Biology / Pedagogy)	2
9	OB9	Stagiu practic de specialitate (Practical training)	2
10			
		TOTAL	60

COURSE CATALOGUE

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3rd YEAR

No	COURSE CODE	COURSE TITLE	TOTAL ECTS credits
1	OB1	Chimie fizica si coloidala (Physical and Colloid Chemistry)	7
2	OB2	Biochimie (Biochemistry)	12
3	OB3	Farmacognozie & Fitochimie (Pharmacognosy & Phytochemistry)	12
4	OB4	Chimie farmaceutica (Pharmaceutical chemistry)	12
5	OB5	Tehnologie farmaceutica si biofarmacie (Pharmaceutical technology and Biopharmacy)	6
6	OB6	Farmacologie generala (General Pharmacology)	5
7	OB7	Patologie medicala (Medical pathology)	2
8	OP8	Istoria farmaciei / Terminologie medicala (Pharmacy' History / Medical terms)	2
9	OP9	Metodologia cercetarii stiintifice (Scientific research methodology)	2
10	OB10	Stagiu practic de specialitate (Practical training)	2
		TOTAL	60

4th YEAR

No	COURSE CODE	COURSE TITLE	TOTAL ECTS credits
1	OB1	Chimie farmaceutica (Pharmaceutical Chemistry)	11
2	OB2	Tehnologie farmaceutica si biofarmacie (Pharmaceutical technology and Biopharmacy)	10
3	OB3	Farmacologie si Farmacoterapie (Pharmacology and Pharmacotherapy)	11
4	OB4	Laborator clinic si igiena alimentatiei (Clinical Laboratory and Food Hygiene)	10
5	OB5	Matematica aplicata si biostatistica (Mathematics and biostatistics)	3
6	OB6	Legislatie, management si marketing farmaceutic (Pharmaceutical Laws, Management and Marketing)	3
7	OB7	Toxicologie (Toxicology)	4
8	OP8	Imunologie / Homeopatie / Materiale de ingrijire la domiciliu (Immunology / Homeopathy / Home-care materials)	2
9	OP9	Dermatofarmacie si cosmetologie (Dermatopharmacy and Cosmetology)	2
10	OB10	Stagiu practic de specialitate (Practical training)	2
		TOTAL	60

COURSE CATALOGUE

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5th YEAR

No	COURSE CODE	COURSE TITLE	TOTAL ECTS credits
1	OB1	Toxicologie (Toxicology)	5
2	OB2	Controlul medicamentului (Medicinal Product Control)	5
3	OB3	Industria medicamentului si biotehnologii farmaceutice (Medicinal Product Industry and Pharmaceutical Biotechnologies)	5
4	OB4	Tehnologie farmaceutica si biofarmacie (Pharmaceutical technology and Biopharmacy)	5
5	OB5	Legislatie, management si marketing farmaceutic (Pharmaceutical Laws, Management and Marketing)	4
6	OB6	Farmacie clinica (Clinical Pharmacy)	4
7	OP7	Biofarmacie (Biopharmacy)	2
8	OP8	Urgente medicale (Medical emergencies)	2
9	OP9	Fitoterapie (Phytotherapy)	1
10	OP10	Toxicomanii (Drug Addictions)	1
11	OP11	Medicamente biologice (Biological Medicinal Product)	1
12	OP12	Drept farmaceutic (Pharmaceutical Laws)	1
13	OP13	Medicamente de uz veterinar (Veterinary Medicinal Products)	1
14	OP14	Principii de asigurarea calitatii (Quality Assurance)	1
15	OP15	Comunicarea cu pacientul (Communication with the patient)	1
16	OP16	Medicamente radiofarmaceutice (Radiopharmaceuticals)	1
17	OP17	Strategii de drug design (Drug Design)	1
18	OB18	Practica in productie (farmacii publice / spital) (Practical training in public pharmacies or hospital pharmacies)	20
		TOTAL	61

OB – curs obligatoriu (mandatory course)

OP – curs optional (optional course)