

2020+ Course, Pharmacy

Legend:

- a) Number of contact hours
- b) Number of hours of student work without the presence of an academic teacher
- c) Number of lecture hours
- d) Number of skills shaping hours
- e) Classes to choose by the student

E – exam, **Z/O** – passing with grade

1st Year	1 ^{a)}	2 ^{b)}	3 ^{c)} (W)	4 ^{d)} (S)	5 ^{d)} (Ć)	6 ^{d)} (4+5)	Total hours (1+2)	ECTS	Kind of assessment
Anatomy	30	30	15	15	0	15	60	2	E
Biophysics	30	45	10	0	20	20	75	3	Z/O
Biology with Genetics	50	50	14	9	27	36	100	4	E
English 1	60	65	0	0	60	60	125	5	Z/O
Latin language	45	45	0	0	45	45	90	3	Z/O
Mathematics	45	55	15	30	0	30	100	4	Z/O
Disaster Medicine	25	25	10	15	0	15	50	2	Z/O
Library Preparation	2	0	0	0	2	2	2	1	Z/O

Occupational Health and Safety	4	0	4	0	0	0	4	1	Z/O
Information Technology	15	15	0	0	15	15	30	1	Z/O
Qualified First Aid	40	35	20	10	10	20	75	3	Z/O
Psychology and Sociology	15	15	15	0	0	0	30	1	Z/O
Pharmaceutical Botany	85	90	30	8	47	55	175	7	E
General and Inorganic Chemistry	150	150	45	15	90	105	300	12	E
Pharmacy History	15	15	15	0	0	0	30	1	Z/O
Statistics	40	40	10	0	30	30	80	3	Z/O
Physical Education	60	0	0	0	60	60	60	0	
History of Philosophy	15	15	15	0	0	0	30	1	Z/O
Physiology	75	75	30	15	30	45	150	5	E
Basics of Scientific Medical and Pharmaceutical Information	3	0	0	0	3	3	3	1	Z/O
Total	804	765	248	117	439	556	1569	60	
2nd Year									
Physical Chemistry	90	85	25	15	50	65	175	7	E
Basics of Organic Chemistry	70	80	40	30	0	30	150	6	E
Economics and Management in Pharmacy	30	30	30	0	0	0	60	2	Z/O

Hygiene and Epidemiology	30	30	10	5	15	20	60	2	Z/O
Pharmacokinetics	30	45	15	12	3	15	75	3	Z/O
Biopharming	45	55	15	15	15	30	100	4	Z/O
Bromatology and Dietitics	30	30	15	10	5	15	60	2	E
Analytical Chemistry	145	155	35	10	100	110	300	12	E
Synthesis and Identification of Organic Compounds	100	75	10	5	85	90	175	7	Z/O
Biochemistry	85	90	15	25	45	70	175	7	Z/O
Molecular Biology	30	30	15	5	10	15	60	2	Z/O
Immunology	30	45	10	10	10	20	75	3	E
Pathophysiology	75	75	30	15	30	45	150	5	E
Biomedical Polymers and Biomaterials	30	20	15	0	15	15	50	2	Z/O
Total	820	845	280	157	383	540	1665	64	
3rd Year									
Drug Metabolism	15	15	8	2	5	7	30	1	Z/O
Synthesis of Therapeutic Agents	75	50	0	15	60	75	125	5	E
Pharmaceutical Biotechnology	30	30	10	5	15	20	60	2	Z/O
Microbiology	90	70	30	20	40	60	160	6	E

Fundamentals of Pharmacology	80	60	30	15	35	50	140	5	Z/O
Faculty 1^{e)}	75	75	0	75	0	75	150	5	Z/O
Drug Chemistry	255	215	75	36	144	180	470	17	E
Pathobiochemistry	40	50	10	20	10	30	90	3	Z/O
Pharmacognosy	150	160	45	15	90	105	310	11	E
Drug Form Technology 1	135	115	15	10	110	120	250	9	Z/O
Total	945	840	223	213	509	722	1785	64	
Summer internship	160	0						6	
4th Year									
Pharmacogenomics	30	30	10	20	0	20	60	2	Z/O
Information Systems in a Pharmacy	20	10	0	20	0	20	30	1	Z/O
Industrial Drug Form Technology	60	65	24	6	30	36	125	5	E
Pharmacotherapy with Scientific Information about the Drug	60	60	30	21	9	30	120	4	E
Toxicology	90	90	30	8	52	60	180	7	E
Bromatology with Elements of Nutrigenomics	60	60	10	15	35	50	120	4	E
Drug of Natural Origin	40	40	25	15	0	15	80	3	Z/O
Faculty 2a^{e)}	75	75	25	15	35	50	150	6	Z/O

Pharmacology with Pharmacodynamics	160	120	45	15	100	115	280	11	E
Drug Form Technology 2	135	115	30	10	95	105	250	9	E
Pharmaceutical Care	80	70	30	30	20	50	150	5	E
Faculty 2b ^{e)}	75	75	25	15	35	50	150	6	Z/O
Total	885	810	284	190	411	601	1695	63	
Summer internship	160	0						6	
5th Year									
Practical Pharmacy in a Pharmacy	50	50	20	0	30	30	100	4	Z/O
Interpersonal Communication	15	15	5	10	0	10	30	1	Z/O
English 2	90	85	0	0	90	90	175	6	Z/O
Clinical Pharmacy	90	90	30	30	30	60	180	7	E
Pharmaceutical Law	45	45	30	15	0	15	90	3	Z/O
Professional Ethics	15	15	10	5	0	5	30	1	Z/O
Statistical Evaluation of Results	15	15	0	15	0	15	30	1	Z/O
Faculty 2c ^{e)}	170	150	50	50	70	120	320	12	Z/O
Copyright	5	5	5	0	0	0	10	1	Z/O
Scientific Writing	5	5	5	0	0	0	10	1	Z/O

Optional subjects^{e)}	45	55	30	0	15	15	100	4	Z/O
Faculty 3^{e)}	50	50	0	50	0	50	100	4	Z/O
Research methodology	375	225	0	0	375	375	600	20	E
Total	970	805	185	175	610	785	1775	65	
6th Year									
Professional Practice	960	0	0	0	0	0	960	33	
Total	960	0	0	0	0	0	960	33	