

2022-2023 Faculty of Pharmacy Curriculum				
Code and Name of the Course	C	ECTS	T	P
ENG 101 English Language I	3	3	3	0
PHA101 Anatomy	3	3	3	0
CHM 111 General Chemistry	3	4	3	0
PHY 105 Physics	3	4	3	0
MTH 133 Mathematics	3	4	3	0
PHA 105 Physiology	3	3	3	0
TUR 101/YIT 101 Turkish Language I	2	2	2	0
PHA 116 Histology	2	2	2	0
PHA 118 Introduction to Pharmacy	0	1	0	1
CAM 100 Campus Orientation	0	2	0	2
CAR 100 Career Planning	0	2	0	2
	22	30	22	5
1st Year (Spring Semester) (02)				
Code and Name of the Course	C	ECTS	T	P
PHA 107 Biostatistics	2	3	2	0
PHA 108 Medical and Molecular Biology	2	4	2	0
PHA 109 Organic Chemistry I	3	4	3	0
PHA 110 Analytical Chemistry I	3	4	3	0
PHA 111 Analytical Chemistry I Laboratory	1	3	0	3
TUR 102/ YIT 102 Turkish Language II	2	2	2	0
PHA 113 Pathology	3	4	3	0
ENG 102 English Language II	3	3	3	0
PHA 117 Social Pharmacy	2	3	2	0
	21	30	20	3
2nd Year (Fall Semester) (03)				
Code and Name of the Course	C	ECTS	T	P
ENG 201 English III- Oral Communication S	3	3	3	0
PHA 201 Analytical Chemistry II	3	4	3	0
PHA 202 Analytical Chemistry II Laborator	1	3	0	3
PHA 203 Biochemistry	3	3	3	0
AİT 101 / AIT 103 History I	2	2	2	0
CHM 123 Organic Chemistry II	2	3	2	0
PHA 216 Pharmaceutical Information Mana	2	2	2	0
PHA 210 Pharmacy Regulations and Deonto	2	3	2	0
PHA 290 Pharmacy Practice I (annual)	2	4	0	2
Electives (Group I)	2	3	2	0
	22	30	19	5
2nd Year (Spring Semester) (04)				
Code and Name of the Course	C	ECTS	T	P
PHA 207 Pharmaceutical Botany	2	4	2	0
PHA 208 Pharmaceutical Botany Laboratory	1	3	0	3
PHA 223 Pharmacology I	3	4	3	0
PHA 212 Clinical Biochemistry	2	4	2	0
AİT 102 / AIT 104 History II	2	2	2	0
PHA 215 Microbiology	3	3	3	0
ENG202 - English IV - Academic Writing Sl	3	3	3	0

PHA 219 Communication Skills in Pharmacy	1	2	1	0
PHA 222 First Aid in the Pharmacy	1	2	1	0
Electives (Group I)	2	3	2	0
	20	30	19	3
3rd Year (Fall Semester) (05)				
Code and Name of the Course	C	ECTS	T	P
PHA301 Pharmacognosy I	2	4	2	0
PHA302 Pharmacognosy I Laboratory	1	3	0	3
PHA303 Pharmaceutical Technology I	3	4	3	0
PHA304 Pharmaceutical Technology I Labo	1	3	0	3
PHA 305 Pharmaceutical Chemistry I	2	4	2	0
PHA 306 Pharmaceutical Chemistry I Labor	1	3	0	3
PHA307 Public Health	2	3	2	0
PHA 323 Pharmacology II	3	3	3	0
Electives (Group I, II)	2	3	2	0
	17	30	14	9
3rd Year (Spring Semester) (06)				
Code and Name of the Course	C	ECTS	T	P
PHA 310 Pharmacognosy II	2	4	2	0
PHA 311 Pharmacognosy II Laboratory	1	2	0	3
PHA 312 Pharmaceutical Technology II	2	3	2	0
PHA 313 Pharmaceutical Technology II Lab	1	2	0	3
PHA 314 Pharmaceutical Chemistry II	2	3	2	0
PHA 315 Pharmaceutical Chemistry II Labo	1	2	0	3
PHA 316 Toxicology	3	3	3	0
PHA 318 Cosmetic	2	2	2	0
PHA320 Toxicology Laboratory	1	2	0	3
PHA 390 Pharmacy Practice II	2	4	0	2
PHA 333 Pharmacology III	3	3	3	0
	20	30	14	14
4th Year (Fall Semester) (07)				
Code and Name of the Course	C	ECTS	T	P
PHA 400 Pharmaceutical Technology III	3	3	3	0
PHA 401 Colloquium	0	1	0	1
PHA 402 Pharmacognosy III	2	3	2	0
PHA 403 Pharmacognosy III Laboratory	1	2	0	3
PHA 406 Pharmaceutical Chemistry III	2	3	2	0
PHA 407 Pharmaceutical Chemistry III Labo	1	2	0	3
PHA 409 Clinical Pharmacy I	2	3	2	0
PHA 411 Pharmaceutical Technology III Lab	1	2	0	3
PHA 412 Pharmacokinetics and Biopharmac	1	2	1	0
PHA 490 Pharmacy Practice III (annual)	2	4	0	4
PHA 423 Pharmacology IV	2	2	2	0
Electives (Group I, II)	2	3	2	0
	19	30	14	14
TOTAL CREDIT				
4th Year (Spring Semester) (08)				
Code and Name of the Course	C	ECTS	T	P
PHA404 Phytotherapy	2	2	2	0
PHA 413 Pharmaceutical Technology IV	3	4	3	0

PHA 414 Pharmaceutical Technology IV Lab	1	3	0	3
PHA 415 Pharmacy Management and Accounting	2	3	2	0
PHA 416 Clinical Pharmacy II	2	3	2	0
PHA 417 Radiopharmacy	1	2	1	0
PHA 418 Pharmaceutical Biotechnology	1	2	1	0
PHA 419 Pharmaceutical Care I	1	2	1	0
PHA 491 Pharmacy Practice IV	2	4	0	4
PHA (Group I, II)	2	3	2	0
PHA 433 Pharmacology V	2	2	2	0
	19	30	16	7
5th Year (Fall Semester) (09)				
Code and Name of the Course	C	ECTS	T	P
PHA 501 Graduation Project (annual)	3	9	3	0
PHA 502 Rational Drug Use	2	4	2	0
PHA503 Digital Pharmacy	1	2	1	0
PHA 504 Clinical Pharmacy Applications	3	4	3	0
PHA 589 Pharmacy Practice V Theoretical	0	2	0	1
Electives (3 Courses)	6	9	6	0
PHA550 Pharmacy Management	2	3	6	0
PHA 551 Herbal Pharmaceutical Product	2	3	2	0
PHA552 Cosmetic Toxicology	2	3	2	0
PHA554 Sports Pharmacy	2	3	2	0
PHA560 Industrial Pharmacy	2	3	2	0
PHA 562 Global Regulatory Strategies (T	2	3	2	0
PHA563 Quality Assurance Applications	2	3	2	0
PHA570 Hospital Pharmacy Services	2	3	2	0
PHA573 Patient Counseling	2	3	2	0
PHA 576 Dermatology and Skin Care	2	3	2	0
	11	30	15	1
5th Year (Spring Semester) (10)				
Code and Name of the Course	C	ECTS	T	P
PHA 590 Pharmacy Practice V	15	30	0	35
	15	30	0	35
	C	ECTS	T	P
TOTAL	186	300	153	96