

ISTINYE UNIVERSITY FACULTY OF PHARMACY											
CODE	COURSE	T	P	ECTS	Language of Instruction	CODE	COURSE	T	P	ECTS	Language of Instruction
<b>1. SEMESTER</b>						<b>2. SEMESTER</b>					
	Mathematics	2	0	3	TR/EN		Anatomy and Histology	2	3	5	TR/EN
	Physics and Biophysics	2	1	3	TR/EN		Physiology	2	0	3	TR/EN
	General Chemistry	2	1	3	TR/EN		Biochemistry	2	0	3	TR/EN
	Biology, Molecular Biology and Genetics	2	1	3	TR/EN		Basics of Community and Hospital Pharmacy	1	2	3	TR/EN
	First-Aid and Basic Medical Skills	1	1	2	TR/EN		Medical Communication Skills I	1	1	2	TR/EN
	Problem Solving, Research Techniques and Writing Skills	1	1	2	TR/EN		Preparatory English II	10	2	10	EN
	History of Pharmacy and Pharmacy Today	1	1	2	TR/EN		Graduation Project II	0	1	1	TR/EN
	Basics of Eight-star and Evidence Based Pharmacy	1	0	1	TR/EN		<b>Total</b>	<b>23</b>	<b>2</b>	<b>30</b>	
	Preparatory English I	10	2	10	EN	<b>SUMMER</b>					
	Graduation Project I	0	1	1	TR/EN		Apprenticeship I (Community Pharmacy I)	0	160	5	TR/EN
	<b>Total</b>	<b>22</b>	<b>8</b>	<b>29</b>			Apprenticeship II (Hospital Pharmacy I)	0	80	3	TR/EN
<b>3. SEMESTER</b>							<b>Total</b>	<b>0</b>	<b>240</b>	<b>8</b>	
	Organic Chemistry	2	2	5	TR/EN	<b>4. SEMESTER</b>					
	Analytical Chemistry	2	2	5	TR/EN		Physiopathology and Pathology	2	1	5	TR/EN
	Biostatistics	2	2	4	TR/EN		Clinical Biochemistry	2	3	5	TR/EN
	Public Health and Epidemiology	2	1	3	TR/EN		Clinical and Pharmaceutical Microbiology	2	3	5	TR/EN
	Preparatory English III	4	2	5	EN		Principals of Clinical Pharmacy	2	0	2	TR/EN
	Graduation Project III	0	1	1	TR/EN		Preparatory English IV	4	2	5	EN
	Ataturk's Principles and History of Turkish Revolution I	2	0	2	TR		Ataturk's Principles and History of Turkish Revolution II	2	0	2	TR
	Turkish Language I	2	0	4	TR		Turkish Language II	2	0	4	TR
	Manifest of Istinye I	0	2	1	TR		Graduation Project IV	2	0	4	TR/EN
	<b>Total</b>	<b>16</b>	<b>12</b>	<b>30</b>			Manifest of Istinye II	0	2	1	TR
<b>5. SEMESTER</b>							<b>Total</b>	<b>18/19</b>	<b>3</b>	<b>30</b>	
	Pharmaceutical/Medicinal Chemistry I	2	3	0	TR/EN	<b>SUMMER</b>					
	Pharmacology I	2	1	3	TR/EN		Apprenticeship III (Hospital Pharmacy II)	0	80	3	TR/EN
	Pharmaceutical Technology I	2	3	5	TR/EN		Apprenticeship IV (Community Pharmacy II)	0	160	5	TR/EN
	Pharmaceutical Botany	2	2	4	TR/EN		<b>Total</b>	<b>0</b>	<b>240</b>	<b>8</b>	
	Pharmacognosy I	2	1	3	TR/EN	<b>6. SEMESTER</b>					
	Occupational English I	4	2	5	EN		Pharmaceutical/Medicinal Chemistry II	2	3	5	TR/EN
	Faculty Elective I	2	0	3	TR/EN		Pharmacology II	2	1	3	TR/EN
	Graduation Project V	0	1	1	TR/EN		Pharmaceutical Technology II	2	3	5	TR/EN
	Manifest of Istinye III	0	2	1	TR		Pharmacognosy II	2	2	4	TR/EN
	<b>Total</b>	<b>16</b>	<b>15</b>	<b>25</b>			Medical Communication Skills II	2	1	2	TR/EN
<b>7. SEMESTER</b>							Symptoms and Clinical Conditions	1	0	1	TR/EN
	Clinical Pharmacy I	2	3	5	TR/EN		Occupational English II	4	2	5	EN
	Pharmacotherapy I	2	3	5	TR/EN		Faculty Elective II	2	0	3	TR/EN
	Pharmaceutical Toxicology	2	3	5	TR/EN		Graduation Project VI	0	1	1	TR/EN
	Pharmacokinetics and Pharmacodynamics	1	1	2	TR/EN		Manifest of Istinye IV	0	2	1	TR
	Self Care, Non-Prescriptional Drug Use and Evidence-Based Phytotherapy	2	0	2	TR/EN		<b>Total</b>	<b>17</b>	<b>15</b>	<b>30</b>	
	Pharmacy Management and Administration	2	1	3	TR/EN	<b>SUMMER</b>					
	Interpretation of Diagnostic Tests	0	1	1	TR/EN		Apprenticeship V (Community Pharmacy III)	0	160	5	TR/EN
	Faculty Elective III	2	0	3	TR/EN		Apprenticeship VI (Hospital Pharmacy III)	0	80	3	TR/EN
	University Elective I	2	0	3	TR/EN		<b>Total</b>	<b>0</b>	<b>240</b>	<b>8</b>	
	Graduation Project VII	0	1	1	TR/EN	<b>8. SEMESTER</b>					
	<b>Total</b>	<b>15</b>	<b>13</b>	<b>30</b>			Clinical Pharmacy II	2	3	5	TR/EN
<b>9. SEMESTER</b>							Pharmacotherapy II	2	3	5	TR/EN
	Eight-Star and Evidence-Based Pharmacist	2	1	3	TR/EN		Radiopharmacy and Biopharmaceuticals	2	0	2	TR/EN
	Pharmacovigilance, Drug Interactions and Adherence	2	1	3	TR/EN		Principals of Drug Engineering and Pharmaceutical Biotechnology	2	1	3	TR/EN
	Food Supplements, Probiotics and Prebiotics	2	0	2	TR/EN		Prescription Acceptance and Drug Dispensing	1	1	2	TR/EN
	Seminars of Community/Hospital/Industrial Pharmacy	0	1	1	TR/EN		Placebo and Complementary Medicine	2	0	2	TR/EN
	Medical Data Mining, Bioinformatics and Systems Biology	1	2	3	TR/EN		Pharmacoeconomy	1	1	2	TR/EN
	Occupational Health and Safety / Environmental and Global Issues	2	1	3	TR/EN		Faculty Elective IV	2	0	3	TR/EN
	Entrepreneurship and Project Writing	2	2	3	TR/EN		University Elective II	2	0	3	TR/EN
	Faculty Elective V	2	0	3	TR/EN		Graduation Project VIII	0	1	1	TR/EN
	University Elective III	2	0	3	TR/EN		<b>Total</b>	<b>16</b>	<b>10</b>	<b>28</b>	
	Graduation Project IX	0	6	6	TR/EN	<b>SUMMER</b>					
	<b>Total</b>	<b>15</b>	<b>14</b>	<b>30</b>			Apprenticeship VII (Community Pharmacy IV)	0	120	4	TR/EN
<b>10. SEMESTER</b>							Apprenticeship VIII (Hospital Pharmacy IV)	0	120	4	TR/EN
	Personalized Medicine, Pharmacogenetics, Health Protection and Healthy Aging	2	1	3	Turkish/English		Apprenticeship IX (Industrial Pharmacy)	0	80	3	TR/EN
	Pharmacy Legislation and Malpractice	2	0	2	Turkish/English		<b>Total</b>	<b>0</b>	<b>320</b>	<b>11</b>	
	Cosmetology/Oral and Teeth Care Products	2	1	3	Turkish/English	<b>10. SEMESTER</b>					
	Biomedical and Medical Products / Agricultural and Veterinary Medicines	2	1	3	Turkish/English		Personalized Medicine, Pharmacogenetics, Health Protection and Healthy Aging	2	1	3	Turkish/English
	Occupational Ethics and Deontology	2	0	2	Turkish/English		Pharmacy Legislation and Malpractice	2	0	2	Turkish/English
	Social Responsibility Project	2	0	2	Turkish/English		Cosmetology/Oral and Teeth Care Products	2	1	3	Turkish/English
	Art Literacy	0	1	1	Turkish/English		Biomedical and Medical Products / Agricultural and Veterinary Medicines	2	1	3	Turkish/English
	Faculty Elective VI	2	0	3	Turkish/English		Occupational Ethics and Deontology	2	0	2	Turkish/English
	University Elective IV	2	0	3	Turkish/English		Social Responsibility Project	2	0	2	Turkish/English
	Graduation Project X	0	8	8	Turkish/English		Art Literacy	0	1	1	Turkish/English
	<b>Total</b>	<b>16</b>	<b>12</b>	<b>30</b>			Faculty Elective VI	2	0	3	Turkish/English

**DESCRIPTION**  
**T:** Theoric  
**P:** Practice  
**ECTS:** European Credit Transfer System