CODE					FACULTY O	PHARMACT					
	COURSE	т	Р	ECTS	Language of Instruction	CODE	COURSE	т	Р	ECTS	Language Instructi
	1.	SEMESTER					2. 5	EMESTER			
PHAR111	Mathematics	2	0	3	TR/EN	PHAR127	Anatomy	2	1	3	TR/EN
PHAR112	Physics and Biophysics	2	1	3	TR/EN	PHAR128	Histology	2	0	2	TR/EN
PHAR113	General Chemistry Biology, Molecular Biology and	2	1	3	TR/EN	PHAR122	Physiology	2	0	3	TR/EN
PHAR114	Genetics	2	1	3	TR/EN	PHAR123	Biochemistry	2	0	3	TR/EN
PHAR115	First-Aid and Basic Medical Skills	1	1	2	TR/EN	PHAR124	Microbiology and Immunology	2	0	3	TR/EN
PHAR116	Problem Solving, Research Techniques and Writing Skills	1	1	2	TR/EN	PHAR125	Basics of Community and Hospital Pharmacv	1	2	3	TR/EN
PHAR117	History of Pharmacy and Pharmacy Today	1	1	2	TR/EN	PHAR126	Medical Communication Skills I	1	1	2	TR/EN
PHAR118	Basics of Eight-star and Evidence	1	0	1	TR/EN	ESP102	English for Specific Purposes II	4	0	4	EN
	Based Pharmacy										
ESP101 PHAR191	English for Specific Purposes I Graduation Project I	4	0	4	EN TR/EN	PHAR192	Graduation Project II Foreign Language II (Elective)	0	1	1 6	TR/EN SPA/FRA/IT
PHAR191	Foreign Language (Elective)	0	0	6	SPA/FRA/ITA/GER		Total	23		30	SPATION
			6	23	SFAJTKAJTIAJ GEK		SUMMER O				
	Total	16	6	23			Apprenticeship I (Community				
	3.	SEMESTER				PHAR131	Pharmacy I)	0	160	5	TR/EN
PHAR211	Organic Chemistry	2	2	5	TR/EN	PHAR132	Apprenticeship II (Hospital Pharmacy I)	0	80	3	TR/EN
PHAR212	Analytical Chemistry I	2	2	5	TR/EN		Total	0 EMESTER	240	8	
PHAR213	Biostatistics	2	2	4	TR/EN						
PHAR214	Public Health and Epidemiology	2	1	4	TR/EN	PHAR221	Physiopathology and Pathology	2	1	3	TR/EN
DUADOOA	Foreign Language III (Elective)	0	0	6	SPA/FRA/ITA/GER	PHAR222	Analytical Chemistry II	2	2	5	TR/EN
PHAR291	Graduation Project III Ataturk's Principles and History of	0	1	1	TR/EN	PHAR223	Clinical Biochemistry Clinical and Pharmaceutical	2	2	5	TR/EN
ATA111	Turkish Revolution I	2	0	2	TR	PHAR224	Microbiology	2	2	5	TR/EN
TURK111	Turkish Language I	2	0	2	TR	PHAR226	The Basics of Drug Development Pharmacokinetics and	2	2	4	TR/EN
ISU281	Manifest of Istinye I	0	1	1	TR	PHAR225	Pharmacodynamics	2	0	2	TR/EN
	Total	12	9	30		ATA121	Ataturk's Principles and History of Turkish Revolution II	2	0	2	TR
	5.	SEMESTER				TURK121	Turkish Language II	2	0	2	TR
PHAR311	Pharmaceutical/Medicinal Chemistry	2	3	5	TR/EN	PHAR292	Graduation Project IV	0	1	1	TR/EN
PHAR312	Pharmacology I	3	1	5	TR/EN	ISU282	Manifest of Istinye II	0	1	1	TR
PHAR313	Pharmaceutical Technology I	2	3	5	TR/EN		Total	18/19	3	30	
PHAR314 PHAR315	Pharmaceutical Botany Pharmacognosy I	2	2	5	TR/EN TR/EN	PHAR231	SUMMER OF	0	160	5	TR/EN
FIANJIJ	Area Elective I	0	0	3	TR/EN	PHAR231	Apprenticeship IV (Clinical Pharmacy I)	0	80	3	TR/EN
PHAR391	Graduation Project V	0	1	1	TR/EN	FTIAR232	Total	0	240	8	Thy EN
ISU381	Manifest of Istinye III	0	1	1	TR		6. S	EMESTER	240		
	Total	11	14	30		PHAR321	Pharmaceutical/Medicinal Chemistry II	2	3	5	TR/EN
	7.	SEMESTER				PHAR322	Pharmacology II	3	1	5	TR/EN
PHAR411	Clinical Pharmacy I	2	3	5	TR/EN	PHAR323	Pharmaceutical Technology II	2	3	5	TR/EN
PHAR412	Pharmacotherapy I	2	3	5	TR/EN	PHAR324	Pharmacognosy II	2	3	5	TR/EN
PHAR413	General Toxicology Self Care, Non-Prescriptional Drug	2	3	5	TR/EN	PHAR325	Principals of Clinical Pharmacy	1	1	2	TR/EN
PHAR414	Use (OTC)	2	0	2	TR/EN	PHAR326	Symptoms and Clinical Conditions	1	0	1	TR/EN
PHAR415	Evidence-based Traditional Medicine and Phytotherapy	2	1	3	TR/EN	PHAR327	Medical Communication Skills II	1	1	2	TR/EN
PHAR416	Pharmacy Management	2	1	2	TR/EN		Area Elective II	0	0	3	TR/EN
PHAR417		0	1	1	TR/EN	PHAR392	Graduation Project VI	0	1	1	TR/EN
	Interpretation of Diagnostic Tests Area Elective III	0	0	3	TR/EN	ISU382	Manifest of Istinye IV	0	1	1	TR
PHAR491	Graduation Project VII	0	1	1	TR/EN		Total	12	14	30	
	Out of Area Elective I	0	0	3	TR/EN		SUMMER O	F THE THIRD	YEAR		
	Total	12	13	30		PHAR331	Apprenticeship V (Community Pharmacy III)	0	160	5	TR/EN
									80	3	TR/EN
	9.	SEMESTER				PHAR332	Apprenticeship VI (Clinical Pharmacy	0	00		
PHAR511	Drug Development and		n	7	TR/FN	PHAR332	11)				
		2	0	2	TR/EN	PHAR332	II) Total	0	240	8	
	Drug Development and Pharmacovigilance		0	2	TR/EN TR/EN	PHAR332	II) Total			8	
PHAR512	Drug Development and Pharmacovigilance Drug interactions, Adherence, and	2				PHAR332 PHAR421	II) Total	0		8	TR/EN
PHAR512 PHAR513	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security	2 2 2	1	3	TR/EN	PHAR421	II) Total 8. S Clinical Pharmacy II	0 EMESTER 2	240 3	5	
PHAR512 PHAR513 PHAR515	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars	2 2 2 0	1 0 1	3 2 1	TR/EN TR/EN TR/EN	PHAR421 PHAR422	II) Total 8. S Clinical Pharmacy II Pharmacotherapy II	0 EMESTER 2 2	240 3 3	5	TR/EN
PHAR511 PHAR512 PHAR513 PHAR515 PHAR514	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Cinical/Industr Ial Pharmacy Seminars	2 2 2	1	3	TR/EN	PHAR421	II) Total Colored Colo	0 EMESTER 2	240 3	5	TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industri la Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics	2 2 2 0	1 0 1	3 2 1	TR/EN TR/EN TR/EN	PHAR421 PHAR422	II) Total 8. S Clinical Pharmacy II Pharmacotherapy II	0 EMESTER 2 2	240 3 3	5	TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516	Brug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatis Environmental and Global Issues / Occupational Health and Safety /	2 2 2 0 2	1 0 1 1	3 2 1 3	TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423	II) Total Clinical Pharmacy II Pharmacotherapy II Pharmacotherapy II Pharmacotherapy II Radiopharmacy and Radiopharmacy and	0 EMESTER 2 2 2 2	240 3 3 3	5	TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517	Brug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety / Occupational Health and Safety /	2 2 2 0 2 1 2 2	1 0 1 2 1	3 2 1 3 3 2	TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR425	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmaceutical Biopharmaceutical Biopharmaceutical Basics O Drug Engineering and Pharmaceutical Biotechnology Processing O Prescriptions and	0 EMESTER 2 2 2 2 2 1	240 3 3 3 0 1	5 5 2 2	TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industri ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Pharmacy Leadership and Management	2 2 2 0 2 1 2 2 2 2	1 0 1 2 1 0	3 2 1 3 3 2 2 2	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR425 PHAR426	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmacy and Biopharmaceuticals Basics of Drug Engineering and Pharmaceutical Biotechnology Processing of Prescriptions and Dispensing	0 EMESTER 2 2 2 2 2 1 0	240 3 3 3 0 1 1	5 5 2 2 1	TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR518	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industrial Ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety / Occupational Pharmacy Leadership and Management Area Elective V	2 2 2 0 2 1 2 2	1 0 1 2 1	3 2 1 3 3 2 2 2 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR425 PHAR425 PHAR426 PHAR427	II) Total Example 2 Clinical Pharmacy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmaceuticals Basics of Drug Engineering and Pharmaceutical Biotechnology Processing of Prescriptions and Dispensing Placebo Effect	0 EMESTER 2 2 2 2 2 1	240 3 3 3 0 1	5 5 2 2	TR/EN TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR518	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industri ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Pharmacy Leadership and Management	2 2 2 0 2 1 2 2 2 2 0	1 0 1 2 1 0 0	3 2 1 3 3 2 2 2	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR425 PHAR426	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmacy and Biopharmaceuticals Basics of Drug Engineering and Pharmaceutical Biotechnology Processing of Prescriptions and Dispensing	0 EMESTER 2 2 2 2 2 2 1 0 0 1	240 3 3 3 0 1 1 0 0	5 5 2 2 1 1	TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR518	Brug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety / Occupational Health and Safety / Occupational Health and Safety / Decupational Health And Safety /	2 2 2 0 2 1 2 2 2 2 2 0 0	1 0 1 2 1 0 0 2	3 2 1 3 3 2 2 2 3 6	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR425 PHAR425 PHAR426 PHAR427	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmacy and Biopharmacy and Biopharmaceuticals Basics of Drug Engineering and Pharmacecuticals Dispensing Piacebo Effect Pharmaceconomy	0 EMESTER 2 2 2 2 2 2 1 0 1 1	240 3 3 3 0 1 1 0 1	5 5 2 2 1 1 2	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR518 PHAR591	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety /	2 2 2 2 1 2 2 2 2 2 0 0 0 0	1 0 1 2 1 0 0 2 0	3 2 1 3 3 2 2 2 3 6 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR424 PHAR425 PHAR425 PHAR425 PHAR426	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmacy and Biopharmaceuticals Basics of Drug Engineering and Pharmaceuticals Biotechnology Processing of Prescriptions and Dispensing Placebo Effect Pharmaceconomy Area Elective IV	0 EMESTER 2 2 2 2 2 1 0 1 1 1 0 0	240 3 3 3 0 1 1 1 0 1 0 0 1 0	5 5 2 2 1 1 2 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR517 PHAR518 PHAR591	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety /	2 2 2 2 1 2 2 2 2 2 0 0 0 0	1 0 1 2 1 0 0 2 0	3 2 1 3 3 2 2 2 3 6 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR424 PHAR425 PHAR425 PHAR425 PHAR426	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmaceuticals Basics of Drug Engineering and Pharmaceuticals Basics of Drug Engineering and Pharmaceuticals Bistechnology Processing of Prescriptions and Dispensing Placebo Effect Pharmacoeconomy Area Elective IV Graduation Project VIII	0 EMESTER 2 2 2 2 1 0 1 1 0 0 0 0	240 3 3 0 1 1 0 1 1 0 1 1 0 1 1	5 5 2 2 1 1 2 3 1	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety /	2 2 2 2 1 2 2 2 2 2 0 0 0 0	1 0 1 2 1 0 0 2 0	3 2 1 3 3 2 2 2 3 6 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR424 PHAR425 PHAR425 PHAR425 PHAR426	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmacy Baojsco Drug Engineering and Pharmaceuticals Basics O Drug Engineering and Pharmaceutical Sitect-hnology Processing O'Pescriptions and Dispensing Phacebo Effect Pharmaceconomy Area Elective IV Graduation Project VIII Out of Area Elective II	0 EMESTER 2 2 2 2 1 0 1 1 0 0 0 0 0 0 0	240 3 3 0 1 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 1 0 1	5 5 2 2 1 1 2 3 1 3 3 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR517 PHAR518 PHAR591	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety /	2 2 2 2 1 2 2 2 2 2 0 0 0 0	1 0 1 2 1 0 0 2 0	3 2 1 3 3 2 2 2 3 6 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR423 PHAR424 PHAR426 PHAR426 PHAR427 PHAR428 PHAR422	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmaceuticals Basics of Drug Engineering and Pharmaceutical Biotechnology Processing of Prescriptions and Dispensing Pharmacoconomy Area Elective IV Graduation Project VIII Out of Area Elective II Total SUMMER.OF Apprenticeship VII (Community	0 EMESTER 2 2 2 2 1 1 0 1 1 0 0 0 0 0 0 11 THE FOURTY	240 3 3 3 0 1 1 0 1 1 0 0 1 1 0 0 1 1 0 1 1 0 1 1 2 8 1 1 1 0 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1	5 5 2 2 1 1 2 3 1 1 3 2 7	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR517 PHAR518 PHAR591	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety /	2 2 2 2 1 2 2 2 2 2 0 0 0 0	1 0 1 2 1 0 0 2 0	3 2 1 3 3 2 2 2 3 6 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR424 PHAR424 PHAR425 PHAR425 PHAR426 PHAR428	II) Total Total Clinical Pharmacy II Pharmaceutical Toxicology Radiopharmacy and Radiopharmacy Basics Of Drug Engineering and Pharmaceutical Sildecthnology Processing of Prescriptions and Dispensing Phareaceutical VIII Craduation Project VIII Out of Area Elective II Total SUMMER OF Apprenticeship VII (Community Pharmacy V)	0 EMESTER 2 2 2 2 1 0 1 1 0 0 0 0 0 0 0	240 3 3 0 1 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 1 0 1	5 5 2 2 1 1 2 3 1 3 3 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR517 PHAR518 PHAR591	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety /	2 2 2 2 1 2 2 2 2 2 0 0 0 0	1 0 1 2 1 0 0 2 0	3 2 1 3 3 2 2 2 3 6 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR423 PHAR424 PHAR426 PHAR426 PHAR427 PHAR428 PHAR422	II) Total Total Clinical Pharmacy II Pharmacotherapy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmaceuticals Basics of Drug Engineering and Pharmaceutical Biotechnology Processing of Prescriptions and Dispensing Pharmacoconomy Area Elective IV Graduation Project VIII Out of Area Elective II Total SUMMER.OF Apprenticeship VII (Community	0 EMESTER 2 2 2 2 1 1 0 1 1 0 0 0 0 0 0 11 THE FOURTY	240 3 3 3 0 1 1 0 1 1 0 0 1 1 0 0 1 1 0 1 1 0 1 1 2 8 1 1 1 0 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1	5 5 2 2 1 1 2 3 1 1 3 2 7	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN
PHAR512 PHAR513 PHAR515 PHAR514 PHAR516 PHAR517 PHAR518 PHAR591	Drug Development and Pharmacovigilance Drug interactions, Adherence, and Patient Security Health Promotion and Healthy Aging Community/Hospital/Clinical/Industr ial Pharmacy Seminars Cosmetology Medical Data Mining and Bioinformatics Environmental and Global Issues / Occupational Health and Safety /	2 2 2 2 1 2 2 2 2 2 0 0 0 0	1 0 1 2 1 0 0 2 0	3 2 1 3 3 2 2 2 3 6 3	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN	PHAR421 PHAR422 PHAR423 PHAR423 PHAR424 PHAR425 PHAR425 PHAR425 PHAR425 PHAR427 PHAR428 PHAR431	II) Total Clinical Pharmacy II Pharmacotherapy II Pharmacotherapy II Pharmaceutical Toxicology Radiopharmacy and Biopharmaceuticals Basics of Drug Engineering and Biopharmaceutical Biotechnology Processing of Prescriptions and Dispensing Placebo Effect Pharmacoeconomy Area Elective IV Graduation Project VIII Out of Area Elective II Total SuMMER OF Apprenticeship VIII (Clinical Pharmacy)	0 EMESTER 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	240 3 3 0 1 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 80	5 5 2 2 1 1 2 3 1 3 3 27	TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN TR/EN

	Iotai	0	320	11						
10. SEMESTER										
PHAR521	Extended Education Program Certificate	0	2	4	TR/EN					
PHAR522	Eight-Star Pharmacy Certificate	0	1	1	TR/EN					
PHAR523	Legislation, Pharmaceutical Licencing, and Patents	2	0	2	TR/EN					
PHAR524	Biomedical and Medical Products / Agricultural and Veterinary Medicines	2	1	3	TR/EN					
PHAR525	Professional Ethics, Deontology, and malpractice	2	0	2	TR/EN					
PHAR526	Entrepreneurship Certificate and Project Writing	2	2	4	TR/EN					
PHAR527	Social Responsibility Project	0	1	1	TR/EN					
PHAR528	Art Literacy	0	1	1	TR/EN					
	Area Elective VI	0	0	3	TR/EN					
PHAR592	Graduation Project X	0	2	6	TR/EN					
	Out of Area Elective I	0	0	3	TR/EN					