

## PHARM.D - EMU - KMU JOINT PHARMACY PROGRAM - 6 year

	REF CODE	COURSE CODE	COURSE NAME	CR
1	J3711	CHEM105	General Chemistry	5
2	J3712	MATH155	Mathematics	3
3	J3713	PHYS111	Principles of Physics	3
4	J3714	ITEC105	Computer - I	3
5	J3715	ENGL191	Communication in English - I	3
6	J3716	HIST280	Atatürk's Principles and History of Turkish Reforms	2
7	J3721	BIOL124	Introduction to Molecular Biology and Genetics	3
8	J3722	MATH212	Biostatistics	3
9	J3723	PSYC108	Introduction to Psychological Sciences	2
10	J3724	MDCN140	First Aid and Medical Devices	1
11	J3725	MDCN142	Anatomy and Histology	3
12	J3726	NUTD223	Nutrition and Diet Treatment	3
13	J3727	PHAR206	Medical Terminology	2
14	J3728	ENGL192	Communication in English - II	3
15	J3731	CHEM243	Organic Chemistry - I	4
16	J3732	CHEM247	Analytical Chemistry - I	4
17	J3733	MDCN241	Medical Microbiology	3
18	J3734	MDCN243	Public Health	2
19	J3735	MDCN245	Physiology - I	4
20	J3736	MDCN247	Virology and Parasitology	4
21	J3741	CHEM246	Organic Chemistry - II	4
22	J3742	CHEM254	Biochemisrty	3
23	J3743	BIOL412	Immunology	4
24	J3744	MDCN144	Pathology	2
25	J3745	MDCN244	Physiology - II	4
26	J3746	PHAR204	Pharmaceutical Botany	3
27	J3747	CHEM248	Analytical Chemistry - II	3
28	J3751	PHAR301	Pharmacology - I	3
29	J3752	PHAR303	Pharmaceutical Chemistry - I	3
30	J3753	PHAR305	Pharmacognosy - I	3
31	J3754	PHAR307	Pharmaceutical Technology - I	4
32	J3755	PHAR309	Pharmaceutical Biotechnology and Cell Culture	4
33	J3756	PHAR311	History and Ethics of Pharmacy	1
34	J3761	PHAR302	Pharmacology - II	3
35	J3762	PHAR304	Pharmaceutical Chemistry - II	3
36	J3763	PHAR306	Pharmacognosy - II	3
37	J3764	PHAR308	Pharmaceutical Technology - II	4
38	J3765	PHAR310	Pharmacoeconomics	3
39	J3766	PHAR312	Physical Pharmacy - I	2
40	J3771	PHAR401	Pharmacology - III	2
41	J3772	PHAR403	Pharmacognosy - III	3
42	J3773	PHAR405	Pharmaceutical Chemistry - III	3
43	J3774	PHAR407	Pharmaceutical Technology - III	3
44	J3775	PHAR409	Pharmaceutical Toxicology	3
45	J3776	PHAR411	Pharmacotherapy - I	3
46	J3781	PHAR402	Cosmetics Science	2
47	J3782	PHAR404	Phytotherapy	2
48	J3783	PHAR406	Pharmaceutical Chemistry - IV	3
49	J3784	PHAR408	Pharmaceutical Technology - IV	3
50	J3785	PHAR410	Clinical Biochemistry	2
51	J3786	PHAR412	Pharmacotherapy - II	3
52	J3787	PHAR414	Physical Pharmacy - II	2
53	J3791	PHAR451	Thesis Project - I	2
54	J3792	PHAR455	Biopharmacy and Pharmacokinetics	3
55	J3793	PHAR457	Microbial Control of Pharmaceuticals	2
56	J3794	PHAR459	Physicochemical Control of Pharmaceuticals	2
57	J3795	AE01	Area Elective - I	3
58	J3796	UE01	University Elective - I	3
59	J37A1	PHAR452	Thesis Project - II	3
60	J37A2	PHAR454	Intoxication Control	2
61	J37A3	PHAR456	Biological Products	2
62	J37A4	PHAR458	Instrumental Analytical Methods	3
63	J37A5	AE02	Area Elective - II	3
64	J37A6	UE02	University Elective - II	3
65	J37B1	PHAR453	Thesis Project - III	3
66	J37B2	PHAR461	Hospital Pharmacy Practice Experience	4
67	J37B3	PHAR462	Pharmacy Practice	2
68	J37B4	PHAR463	Industrial Practice Experience	2
69	J37B5	PHAR464	Pharmacy Practice Clerkship	6
70	J37B6	PHAR465	Hospital Pharmacy Clerkship	2
71	J37B6	PHAR466	Industrial Pharmaceutical Clerkship	0
Total Credit				203