

RIPHAH INSTITUTE OF PHARMACEUTICAL SCIENCES

RIPHAH INTERNATIONAL UNIVERSITY

Scheme of Courses for Pharm.D. (Five-Year Course):

CODE	SUBJECT	CR HRS	SEM	Session
301	Pharmaceutical Chemistry-IA (Organic)	3	1	Fall
305	Pharmaceutical Chemistry-IIA (Biochemistry)	3	1	Fall
309	Pharmaceutics-IA (Physical Pharmacy)	3	1	Fall
313	Physiology-A	3	1	Fall
317	Anatomy & Histology	3	1	Fall
ENG 300	English-A (Functional English)	2	1	Fall
321	Life & Living-I	1	1	Fall
303	Pharmaceutical Chemistry-IA (Organic)	1	1	Fall
307	Pharmaceutical Chemistry-IIA (Biochemistry)	1	1	Fall
311	Pharmaceutics-IA (Physical Pharmacy)	1	1	Fall
315	Physiology-A	1	1	Fall
320	Anatomy & Histology	1	1	Fall

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CODE	SUBJECT	CR HRS	SEM	Session
302	Pharmaceutical Chemistry-IB (Organic)	3	2	Spring
306	Pharmaceutical Chemistry-IIB (Biochemistry)	3	2	Spring
310	Pharmaceutics-IB (Physical Pharmacy)	3	2	Spring
314	Physiology-B	3	2	Spring
ENG 301	English-B (Communication & Writing skills)	4	2	Spring
323	Life & Living-II	1	2	Spring
304	Pharmaceutical Chemistry-IB (Organic)	1	2	Spring
308	Pharmaceutical Chemistry-IIB (Biochemistry)	1	2	Spring
312	Pharmaceutics-IB (Physical Pharmacy)	1	2	Spring
316	Physiology-B	1	2	Spring

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CODE	SUBJECT	CR HRS	SEM	Session
401	Pharmaceutics-IIA (Dosage Forms Science)	3	3	Fall
405	Pharmacology and Therapeutics-IA	3	3	Fall
409	Pharmacognosy-IA (Basic)	3	3	Fall
413	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology)	3	3	Fall
422	Life & Living-III	1	3	Fall
319	Pharmacy Practice-IA (Pharmaceutical Mathematics)	3	3	Fall
403	Pharmaceutics-IIA (Dosage Forms Science)	1	3	Fall
407	Pharmacology and Therapeutics-IA	1	3	Fall
411	Pharmacognosy-IA (Basic)	1	3	Fall
415	Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology)	1	3	Fall

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CODE	SUBJECT	CR HRS	SEM	Session
402	Pharmaceutics-IIB (Dosage Forms Science)	3	4	Spring
406	Pharmacology and Therapeutics-IB	3	4	Spring
410	Pharmacognosy-IB (Basic)	3	4	Spring
414	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	3	4	Spring
318	Pharmacy Practice-IB (Bio-statistics)	3	4	Spring
418	Life & Living-IV (Pak Studies)	2	4	Spring
404	Pharmaceutics-IIB (Dosage Forms Science)	1	4	Spring
408	Pharmacology and Therapeutics-IB	1	4	Spring
412	Pharmacognosy-IB (Basic)	1	4	Spring
416	Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology)	1	4	Spring

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CODE	SUBJECT	CR HRS	SEM	Session
501	Pathology	3	5	Fall
505	Pharmacology and Therapeutics-IIA	3	5	Fall
509	Pharmacognosy-IIA (Advanced)	3	5	Fall
513	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	3	5	Fall
517	Pharmacy Practice-IIA (Dispensing Pharmacy)	3	5	Fall
520	Life & Living-V	1	5	Fall
503	Pathology	1	5	Fall
507	Pharmacology and Therapeutics-IIA	1	5	Fall
511	Pharmacognosy-IIA (Advanced)	1	5	Fall
515	Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis)	1	5	Fall
519	Pharmacy Practice-IIA (Dispensing Pharmacy)	1	5	Fall

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CODE	SUBJECT	CR HRS	SEM	Session
506	Pharmacology and Therapeutics-IIB	3	6	Spring
510	Pharmacognosy-IIB (Advanced)	3	6	Spring
514	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	3	6	Spring
518	Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy)	3	6	Spring
502	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	3	6	Spring
521	Life & Living-VI	1	6	Spring
508	Pharmacology and Therapeutics-IIB	1	6	Spring
512	Pharmacognosy-IIB (Advanced)	1	6	Spring
516	Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis)	1	6	Spring
504	Pharmacy Practice-III (Computer and its Applications in Pharmacy)	1	6	Spring

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CODE	SUBJECT	CR HRS	SEM	Session
601	Pharmacy Practice-IVA (Hospital Pharmacy)	3	7	Fall
603	Pharmacy Practice-VA (Clinical Pharmacy-I)	3	7	Fall
607	Pharmaceutics-IVA (Industrial Pharmacy)	3	7	Fall
611	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics)	3	7	Fall
615	Pharmaceutics-VIA (Pharmaceutical Quality Management)	3	7	Fall
619	Life & Living-VII	1	7	Fall
605	Pharmacy Practice-VA (Clinical Pharmacy-I)	1	7	Fall
609	Pharmaceutics-IVA (Industrial Pharmacy)	1	7	Fall
613	Pharmaceutics-VA (Biopharmaceutics & Pharmacokinetics)	1	7	Fall
617	Pharmaceutics-VIA (Pharmaceutical Quality Management)	1	7	Fall

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CODE	SUBJECT	CR HRS	SEM	Session
602	Pharmacy Practice-IVB (Hospital Pharmacy)	3	8	Spring
604	Pharmacy Practice-VB (Clinical Pharmacy-I)	3	8	Spring
608	Pharmaceutics-IVB (Industrial Pharmacy)	3	8	Spring
612	Pharmaceutics-VB(Biopharmaceutics & Pharmacokinetics)	3	8	Spring
616	Pharmaceutics-VIB (Pharmaceutical Quality Management)	3	8	Spring
620	Life & Living-VIII	1	8	Spring
606	Pharmacy Practice-VB (Clinical Pharmacy-I)	1	8	Spring
610	Pharmaceutics-IVB (Industrial Pharmacy)	1	8	Spring
614	Pharmaceutics-VB(Biopharmaceutics & Pharmacokinetics)	1	8	Spring
618	Pharmaceutics-VIB (Pharmaceutical Quality Management)	1	8	Spring

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CODE	SUBJECT	CR HRS	SEM	Session
701	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	3	9	Fall
705	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	3	9	Fall
709	Pharmaceutics-VIIA (Pharmaceutical Technology)	3	9	Fall
713	Pharmacy Practice-VIIA (Forensic Pharmacy)	3	9	Fall
715	Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing)	3	9	Fall
717	Life & Living-IX	1	9	Fall
703	Pharmaceutical Chemistry-IVA (Medicinal Chemistry)	1	9	Fall
707	Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II)	1	9	Fall
711	Pharmaceutics-VIIA (Pharmaceutical Technology)	1	9	Fall

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CODE	SUBJECT	CR HRS	SEM	Session
702	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	3	10	Spring
706	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	3	10	Spring
710	Pharmaceutics-VIIB (Pharmaceutical Technology)	3	10	Spring
714	Pharmacy Practice-VIIB (Forensic Pharmacy)	3	10	Spring
716	Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing)	3	10	Spring
718	Life & Living-X	1	10	Spring
704	Pharmaceutical Chemistry-IVB (Medicinal Chemistry)	1	10	Spring
708	Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II)	1	10	Spring
712	Pharmaceutics-VIIB (Pharmaceutical Technology)	1	10	Spring
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