

**Professional Master - M1  
Pharmacology  
2026-2027**

Semester 1	Course						
	Code	Title	Credits	C	TS	Lab	Hours
	PHRM 400	Basic Pharmacology and Pharmacokinetic	5	24	24		48
	PHRM 401	Pathophysiology	4	32			32
	PHRM 402	Toxicology of Drugs and Chemicals	4	32			32
	PHRM 403	Pharmaceutical Microbiology	3	16	12		28
	PHRM 404	Pharmaceutics	3	16	12		28
	PHRM 405	Applied Bioanalytical Procedures (Methods and Validation)	4	24		15	39
	PHRM 406	Biostatistics	4	24		15	39
	PHRM 407	English Language and Communication	3		36		36
	<b>Total</b>		<b>30</b>	<b>168</b>	<b>84</b>	<b>30</b>	<b>282</b>

Semester 2	Course						
	Code	Title	Credits	C	TS	Lab	Hours
	PHRM 409	Molecular Pharmacology	5	32		15	47
	PHRM 412	Biotechnology	3	24			24
	PHRM 413	Applied Drug Spectroscopy	4	24		15	39
	PHRM 414	Biopharmaceutics	2	8	12		20
	PHRM 418	Pharmacotherapy	5	40			40
	PHRM 419	Pharmaceutical Industry and Technology	4	24	12		36
	PHRM 411	Drug Design and Synthesis	3	24			24
	PHRM 417	Principles of Quality Control	2			30	30
	PHRM 420	Pharmaceutical Industry Lab	2			30	30
	<b>Total</b>		<b>30</b>	<b>176</b>	<b>24</b>	<b>90</b>	<b>290</b>