



**4-Year Bachelor of Pharmacy with AI Curriculum and Syllabus**  
**Course Structure**

**Fourth Semester**

<b>Course Code</b>	<b>Name of the course</b>	<b>No.of hours</b>	<b>Tutorial</b>	<b>Credit points</b>
TIU-UBP-401T	Pharmaceutical Organic Chemistry III–Theory	3	1	4
TIU-UBP-402T	Medicinal Chemistry I –Theory	3	1	4
TIU-UBP-403T	Physical Pharmaceutics II– Theory	3	1	4
TIU-UBP-404T	Pharmacology I–Theory	3	1	4
TIU-UBP-405T	Pharmacognosy and Phytochemistry I–Theory	3	1	4
TIU-UBP-406P	Medicinal Chemistry I– Practical	4	-	2
TIU-UBP-407P	Physical Pharmaceutics II– Practical	4	-	2
TIU-UBP-408P	Pharmacology I– Practical	4	-	2
TIU-UBP-409P	Pharmacognosy and Phytochemistry I– Practical	4	-	2
TIU-UBP-410T	Career Advancement & Skill Development: Applications of AI in Drug Formulation and Delivery Optimization	3	1	4
<b>Total</b>		<b>34</b>	<b>6</b>	<b>32</b>

