



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

Second Semester

| Subject Code | Name of Subject | No.of hours | Tutorial | Credit points |
|---------------------|---|--------------------|-----------------|----------------------|
| TIU-UBP-201T | Human Anatomy and Physiology II-Theory | 3 | 1 | 4 |
| TIU-UBP-202T | Pharmaceutical Organic Chemistry I-Theory | 3 | 1 | 4 |
| TIU-UBP-203T | Biochemistry–Theory | 3 | 1 | 4 |
| TIU-UBP-204T | Pathophysiology-Theory | 3 | 1 | 4 |
| TIU-UBP-205T | Computer Applications in Pharmacy– Theory* | 3 | - | 3 |
| TIU-UBP-206T | Environmental Sciences–Theory* | 3 | - | 3 |
| TIU-UBP-207P | Human Anatomy and Physiology II - Practical | 4 | - | 2 |
| TIU-UBP-208P | Pharmaceutical Organic Chemistry I-Practical | 4 | - | 2 |
| TIU-UBP-209P | Biochemistry-Practical | 4 | - | 2 |
| TIU-UBP-210P | Computer Applications in Pharmacy – Practical* | 2 | - | 1 |
| TIU-UBP-211T | Career Advancement & Skill Development: Application of AI in Mechanisms of Drug Action | 3 | 1 | 4 |
| Total | | 35 | 5 | 33 |

*Non University Examination (NUE)