

Pharm – D Clinical pharmacy

| Semester 1 | Semester 2 | Semester 3 | Semester 4 | Semester 5 |
|---------------------------------------|---|--|---|--|
| Pharmaceutical Analytical chemistry-1 | Pharmaceutical Analytical chemistry-2 * | Biochemistry -1 | Biochemistry -2 * | Phytochemistry-1 |
| Pharmaceutical Organic chemistry -1 | Pharmaceutical Organic chemistry -2 * | Pharmaceutical Organic chemistry-3* | Instrumental analysis * | Community pharmacy practice* |
| Medical plants | Pharmacognosy -1* | Pharmacognosy -2* | Basic pharmacology * | Pharmacology-1 * |
| Pharmacy orientation | Cell biology | Pharmacy legislation and practice ethics | General microbiology and immunology * | Pharmaceutical Microbiology and antimicrobials * |
| Medical Terminology | Anatomy & Histology | Physiology & pathophysiology | Pathology | Parasitology & virology |
| Mathematics and statistics | Physical Pharmacy * | Pharmaceutical dosage forms1 | Pharmaceutical dosage forms2 * | Pharmaceutical dosage forms3 * |
| Information Technology | psychology | Communication and presentation skills | | |
| Human rights and fighting corruption | | | | |
| | | | | |
| Semester 6 | Semester 7 | Semester 8 | Semester 9 | Semester 10 |
| Pharmacology-2 ** | Pharmacology-3*** | Advanced pharmacotherapy & therapeutics*** | Pharmacotherapy of endocrine and renal disorders* | Clinical toxicology *** |
| Phytochemistry-2 | Phytotherapy | pharmacotherapy of critical care patients ** | Pharmacotherapy of cardiovascular diseases ** | Pharmacotherapy of dermatological, reproductive and musculoskeletal diseases *** |
| Biopharmaceutics & pharmacokinetics* | Medical Microbiology * | Clinical pharmacokinetics | Biotechnology* | Pharmacotherapy of pediatric diseases *** |
| Pharmaceutical Technology | Medicinal chemistry-1 * | Medicinal chemistry-2 * | Pharmacotherapy of neuropsychiatric diseases*** | Pharmacotherapy of oncological diseases and radio pharmacy *** |
| Hospital pharmacy | Advanced drug delivery system | Clinical Biochemistry * | Clinical nutrition * | Pharmacotherapy of gastrointestinal diseases ** |
| First Aid & basic life support | Clinical pharmacy practice | Public health & preventive medicine* | Drug information *** | Pharmacotherapy of respiratory diseases ** |
| | Elective course | Quality control and pharmaceutical analysis* | Drug marketing & pharmacoeconomics | Clinical research and pharmacovigilance *** |
| | | Elective course | Elective course | Elective course |
| | | | Entrepreneurship | |

