

Course Structure B.Pharmacy,M.Pharm.-

B.Pharmacy -

B. Pharm.: 4 year degree course, based on Semester system, so Eight Semester in total, covering around 40 subjects.

U.P. TECHNICAL UNIVERSITY LUCKNOW

Year-I, Semester-I

1. Remedial Mathematics Or Remedial Biology
2. Pharmaceutical Analysis-I
3. Pharmaceutical Chemistry-I(Inorganic Pharm. Chem.)
4. Pharmaceutics-I(General Pharmacy)
5. Anatomy, Physiology and Pathophysiology-I
6. Professional Communication

Year-I, Semester-II

Physical Chemistry 3
Pharmaceutical Chemistry-II(Organic Chemistry-I)
Anatomy, Physiology and Pathophysiology-II
Computer Fundamentals & Programming
Pharmaceutical Biostatistics

Year-II, Semester-III

Pharmaceutics-II (Unit Operation-I)
Pharmaceutical Jurisprudence & Ethics
Pharmacognosy-I
Pharmaceutical Chemistry-III (Organic Chemistry-II)
Pharmaceutics-III (Community Pharmacy)
Anatomy, Physiology and Pathophysiology-III

Year-II, Semester-IV

Pharmaceutics-IV (Unit Operation-II)
Pharmaceutical Microbiology 3
Pharmacognosy-II
Pharmaceutical Analysis-II
Anatomy, Physiology and Pathophysiology-IV

Year-III, Semester-V

Pharmaceutical Chemistry-IV (Biochemistry)
Pharmaceutics- V(Pharmaceutical Technology-I)
Pharmacology-I

Pharmaceutical Chemistry- V(Medicinal Chemistry-I)
Pharmaceutics-VI(Physical Pharmacy)

Year-III, Semester-VI

Pharmaceutical Chemistry-VI (Medicinal Chemistry-II)
Pharmaceutics-VII (Pharmaceutical Technology-II)
Pharmacology-II
Pharmacognosy-III
Professional Communication-II
Environment & Ecology

Year-IV, Semester-VII

Pharmaceutical Analysis-III
Pharmaceutics VIII(Biopharmaceutics & Pharmacokinetics)
Pharmacology-III
Pharmaceutical Chemistry-VI (Medicinal Chemistry-III)
Pharmacognosy-IV

Year-IV, Semester-VIII

Pharmaceutical Biotechnology
Natural Products
Pharmaceutical Industrial
Management
Hospital
Elective
(A)- Standardization of Herbal Drugs Or
(B)- Drug Design Or
(C)- Clinical Pharmacy & Drug Interactions Or
(D)- Pharmaceutical Marketing Or
(E)- Pharmaceutical Packaging Or
(F)- Novel Drug Delivery Systems Or
(G)-GMP, Quality Assurance & Validation

M.Pharm. Course Structure –

M. Pharm.: 2 year degree course, based on Semester system, so Four Semester in total, covering around 11 subjects.

M. Pharm.: 2 year post- graduate course, divided into 4 semesters

Course: M. Pharm. (Pharmaceutics) Semester-I	Subject
1	Modern Analytical Technique
2	Pharmaceutical Biostatistics & Computer Application
3	Drug Regulatory Affairs & Intellectual Property Rights
4	Product Development
5	Pharm Biotechnology

Course: M. Pharm. (Pharmaceutics) Semester-II	Subject
1	Pharmaceutical Production Management
2	Recent Advances in Drug Delivery System
3	Biopharmaceutics & Pharmacokinetics
4	Synopsis of the proposed dissertation

Course: M. Pharm. (Pharmaceutics) Semester-III & IV	Subject
1	Dissertation
2	Presentation & Viva Voce