

Birla Institute of Technology & Science Pilani, Rajasthan

B.Pharm. (Hons.)

Semester wise pattern for students admitted to First degree program - B.Pharm. (Hons.) :

Year	First Semester	Second Semester
1	General Biology Chemistry I Thermodynamics Mathematics I Physics I Workshop Practice	Probability and Statistics Chemistry II Mathematics II Physics II Computer Programming I Engineering Graphics
2	Electrical Sciences I Mathematics III Computer Programming II Biological Chemistry Principles of Economics Microbiology Measurement Techniques I	Structure and Properties of Materials Electrical Sciences II Chemistry of Organic Compounds Principles of Management Pharmaceutical Analysis Technical Report Writing
Summer	Practice School I	
3	Instrumental Methods of Analysis Natural Drugs Anatomy Physiology & Hygiene Dispensing Pharmacy Industrial Pharmacy Optimization	Operations Research Forensic Pharmacy Pharmacology and Toxicology Medicinal Chemistry Pharmaceutical Formulations and Bio-pharmaceutics One Elective
4	Five Elective Courses	Practice School II or Dissertation

Elective Courses Offered:

Physical Pharmacy, Veterinary Pharmacy, Pharmaceutical Management & Quality Control, Biopharmaceutics, Pathophysiology, Chemistry of Synthetic Drugs, Pharmacoeconomics, Cosmetic Science, Pharmacognosy, Hospital Pharmacy, Biochemical Engineering, Applied Pharmaceutical Chemistry, Photochemistry, Special Projects.