

Vishwakarma University (VU), Pune
School of Pharmacy (BPharm)
4 Years – 8 Semesters Full Time Programme
Effective from AY 2024 – 2025

B. Pharm. Degree Program Regulation by Pharmacy Council of India (PCI)
Choice Based Credit System (CBCS)
Outcome-Based Education

B. Pharm Semester- I

Course
Human Anatomy and Physiology I – Theory
Pharmaceutical Analysis I – Theory
Pharmaceutics I – Theory
Pharmaceutical Inorganic Chemistry – Theory
Communication skills – Theory *
Remedial Biology/ Remedial Mathematics – Theory *
Human Anatomy and Physiology I – Practical
Pharmaceutical Analysis I – Practical
Pharmaceutics I – Practical
Pharmaceutical Inorganic Chemistry – Practical
Communication skills – Practical *
Remedial Biology – Practical *

*Non-University Examination (NUE)

B. Pharm Semester – II

Course
Human Anatomy and Physiology II – Theory
Pharmaceutical Organic Chemistry I – Theory
Biochemistry – Theory
Pathophysiology – Theory
Computer Applications in Pharmacy – Theory *
Environmental sciences – Theory *
Human Anatomy and Physiology II – Practical
Pharmaceutical Organic Chemistry I – Practical
Biochemistry – Practical
Computer Applications in Pharmacy – Practical *

*Non-University Examination (NUE)

B. Pharm Semester – III

Course
Pharmaceutical Organic Chemistry II – Theory
Physical Pharmaceutics I – Theory
Pharmaceutical Microbiology – Theory
Pharmaceutical Engineering – Theory
Pharmaceutical Organic Chemistry II – Practical
Physical Pharmaceutics I – Practical
Pharmaceutical Microbiology – Practical
Pharmaceutical Engineering – Practical

B. Pharm Semester – IV

Course
Pharmaceutical Organic Chemistry III– Theory
Medicinal Chemistry I – Theory
Physical Pharmaceutics II – Theory
Pharmacology I – Theory
Pharmacognosy and Phytochemistry I– Theory
Medicinal Chemistry I – Practical
Physical Pharmaceutics II – Practical
Pharmacology I – Practical
Pharmacognosy and Phytochemistry I – Practical

B Pharm Semester – V

Course
Medicinal Chemistry II – Theory
Industrial Pharmacy– Theory
Pharmacology II – Theory
Pharmacognosy and Phytochemistry II– Theory
Pharmaceutical Jurisprudence – Theory
Industrial Pharmacy – Practical
Pharmacology II – Practical
Pharmacognosy and Phytochemistry II – Practical

B Pharm Semester – VI

Course
Medicinal Chemistry III – Theory
Pharmacology III – Theory
Herbal Drug Technology – Theory
Biopharmaceutics and Pharmacokinetics – Theory
Pharmaceutical Biotechnology – Theory
Quality Assurance – Theory
Medicinal chemistry III – Practical
Pharmacology III – Practical
Herbal Drug Technology – Practical

B Pharm Semester – VII

Course
Instrumental Methods of Analysis – Theory
Industrial PharmacyII – Theory
Pharmacy Practice – Theory
Novel Drug Delivery System – Theory
Instrumental Methods of Analysis – Practical
Practice School*

* Non-University Examination (NUE)

B Pharm Semester – VIII

Course
Biostatistics and Research Methodology – Theory
Social and Preventive Pharmacy – Theory
Cosmetic Science – Theory
Advanced Instrumentation Techniques– Theory
Project Work