

Vishwakarma University (VU), Pune

Bachelor of Pharmacy

4 Years – 8 Semesters Full Time Programme

Effective from AY 2025 – 2026

Programme Structure (As Per Pharmacy Council of India)

Grading System Outcome-Based Education

Semester I

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*

Semester II

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

Computer Applications in Pharmacy – Practical *

Semester III

Pharmaceutical Organic Chemistry II– TH
Physical Pharmaceutics I – TH
Pharmaceutical microbiology – TH
Pharmaceutical Engineering – TH
Pharmaceutical Organic Chemistry II– Practical
Physical Pharmaceutics I – Practical
Pharmaceutical microbiology – Practical
Pharmaceutical Engineering – Practical

Semester IV

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

Semester V

Medicinal Chemistry II – TH
Industrial pharmacy I– TH
Pharmacology II– TH

Pharmacognosy II–TH
Pharmaceutical Jurisprudence– TH
Industrial pharmacy I– Practical
Pharmacology II– Practical
Pharmacognosy II–Practical

Semester VI

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

Semester VII

Instrumental methods of analysis T
Industrial Pharmacy II – Theory
Pharmacy Practice – Theory
Novel Drug Delivery Systems– Theory
Instrumental methods of analysis- P
Pharmacy Practice School

Semester VIII

Biostatistics and Research Methodology – Theory

Social and Preventive Pharmacy – Theory
Cosmetic Science – Theory
Advanced Instrumentation Techniques– Theory
Project Work