



FACULTY OF HEALTH & ALLIED SCIENCES

Department of Pharmacy

Teaching Scheme Session 2022 Onwards

Program Name: Bachelor of Pharmacy

Course: B.Pharm

YEAR/SEMESTER: I/I

| S. No. | Subject Code | Subject Title | Credit |
|-------------------------|------------------------|---|--------|
| | | Theory Papers | |
| 1 | BP101T | Human Anatomy and Physiology I | 4 |
| 2 | BP102T | Pharmaceutical Analysis I | 4 |
| 3 | BP103T | Pharmaceutics I | 4 |
| 4 | BP104T | Pharmaceutical Inorganic Chemistry | 4 |
| 5 | BP105T | Communication skills * | 2 |
| 6 | BP106RBT / BP106RMT | Remedial Biology#/ Remedial Mathematics\$* | 2 |
| Practical Papers | | | |
| 1 | BP107P | Human Anatomy and Physiology | 2 |
| 2 | BP108P | Pharmaceutical Analysis I | 2 |
| 3 | BP109P | Pharmaceutics I | 2 |
| 4 | BP110P | Pharmaceutical Inorganic Chemistry | 2 |
| 5 | BP111P | Communication skills * | 1 |
| 6 | BP112RBP | Remedial Biology * | 1 |

Note:

Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB) course.

\$ Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM) course.

* Non University Examination (NUE)



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YEAR/SEMESTER: I/II

| S. No. | Subject Code | Subject Title | Credit |
|-------------------------|--------------|-------------------------------------|--------|
| | | Theory Papers | |
| 1 | BP201T | Human Anatomy and Physiology II | 4 |
| 2 | BP202T | Pharmaceutical Organic Chemistry I | 4 |
| 3 | BP203T | Biochemistry | 4 |
| 4 | BP204T | Pathophysiology | 4 |
| 5 | BP205T | Computer Applications in Pharmacy * | 3 |
| 6 | BP206T | Environmental sciences* | 3 |
| Practical Papers | | | |
| 1 | BP207P | Human Anatomy and Physiology II | 2 |
| 2 | BP208P | Pharmaceutical Organic Chemistry I | 2 |
| 3 | BP209P | Biochemistry | 2 |
| 4 | BP210P | Computer Applications in Pharmacy* | 1 |



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YEAR/SEMESTER: II/III

| S. No. | Subject Code | Subject Title | Credit |
|-------------------------|--------------|-------------------------------------|--------|
| | | Theory Papers | |
| 1 | BP301T | Pharmaceutical Organic Chemistry II | 4 |
| 2 | BP302T | Physical Pharmaceutics I | 4 |
| 3 | BP303T | Pharmaceutical Microbiology | 4 |
| 4 | BP304T | Pharmaceutical Engineering | 4 |
| Practical Papers | | | |
| 1 | BP305P | Pharmaceutical Organic Chemistry II | 2 |
| 2 | BP306P | Physical Pharmaceutics I | 2 |
| 3 | BP307P | Pharmaceutical Microbiology | 2 |
| 4 | BP308P | Pharmaceutical Engineering | 2 |



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YEAR/SEMESTER: II/IV

| S. No. | Subject Code | Subject Title | Credit |
|-------------------------|--------------|--------------------------------------|--------|
| | | Theory Papers | |
| 1 | BP401T | Pharmaceutical Organic Chemistry III | 4 |
| 2 | BP402T | Medicinal Chemistry I | 4 |
| 3 | BP403T | Physical Pharmaceutics II | 4 |
| 4 | BP404T | Pharmacology I | 4 |
| 5 | BP405T | Pharmacognosy and Phytochemistry I | 4 |
| Practical Papers | | | |
| 1 | BP406P | Medicinal Chemistry I | 2 |
| 2 | BP407P | Physical Pharmaceutics II | 2 |
| 3 | BP408P | Pharmacology I | 2 |
| 4 | BP409P | Pharmacognosy and Phytochemistry I | 2 |



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YEAR/SEMESTER: III/V

| S. No. | Subject Code | Subject Title | Credit |
|--------|--------------|------------------------------|--------|
| | | Theory Papers | |
| 1 | BP501T | Medicinal Chemistry-II | 4 |
| 2 | BP502T | Industrial Pharmacy-I | 4 |
| 3 | BP503T | Pharmacology-II | 4 |
| 4 | BP504T | Pharmacognosy -II | 4 |
| 5 | BP505T | Pharmaceutical Jurisprudence | 4 |
| | | Practical Papers | |
| 1 | BP506P | Industrial Pharmacy-I | 2 |
| 2 | BP507P | Pharmacology-II | 2 |
| 3 | BP508P | Pharmacognosy-II | 2 |



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YEAR/SEMESTER: III/VI

| S. No. | Subject Code | Subject Title | Credit |
|--------|--------------|---------------------------------------|--------|
| | | Theory Papers | |
| 1 | BP601T | Medicinal Chemistry III | 4 |
| 2 | BP602T | Pharmacology-III | 4 |
| 3 | BP603T | Herbal Drug Technology | 4 |
| 4 | BP604T | Biopharmaceutics And Pharmacokinetics | 4 |
| 5 | BP605T | Pharmaceutical Biotechnology | 4 |
| | BP606T | Quality Assurance | 4 |
| | | Practical Papers | |
| 1 | BP607P | Medicinal Chemistry-III | 2 |
| 2 | BP608P | Pharmacology-III | 2 |
| 3 | BP609P | Herbal Drug Technology | 2 |



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YEAR/SEMESTER: IV/VII

| S. No. | Subject Code | Subject Title | Credit |
|-------------------------|--------------|----------------------------------|--------|
| | | Theory Papers | |
| 1 | BP701T | Instrumental Methods of Analysis | 4 |
| 2 | BP702T | Industrial Pharmacy-II | 4 |
| 3 | BP703T | Pharmacy Practice | 4 |
| 4 | BP704T | Novel Drug Delivery System | 4 |
| Practical Papers | | | |
| 1 | BP705P | Instrumental Methods of Analysis | 2 |
| 2 | BP706P | Practice School | 6 |



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YEAR/SEMESTER: IV/VIII

| S. No. | Subject Code | Subject Title | Credit |
|-------------------------|--------------|--|---------|
| | | Theory Papers | |
| 1 | BP801T | Biostatistics And Research Methodology | 4 |
| 2 | BP802T | Social And Preventive Pharmacy | 4 |
| 3 (Select any two) | BP803ET | Pharmaceutical Marketing Management | 4+4 = 8 |
| | BP804ET | Pharmaceutical Regulatory Science | |
| | BP805ET | Pharmacovigilance | |
| | BP806ET | Quality Control And Standardization Of Herbals | |
| | BP807ET | Computer Aided Drug Design | |
| | BP808ET | Cell And Molecular Biology | |
| | BP809ET | Cosmetic Science | |
| | BP810ET | Experimental Pharmacology | |
| | BP811ET | Advanced Instrumentation Techniques | |
| | BP812ET | Dietary supplements & Nutraceuticals | |
| Practical Papers | | | |
| 1 | BP813PW | Project Work | 6 |