



## First: University Requirements (25 Credit Hours)

| Course                                     | Code   | C.H | Pre-Requisites |
|--------------------------------------------|--------|-----|----------------|
| Skill of Holy Quran Recitation and Tajweed | BUST01 | 1   | -              |
| English Language (1)                       | BUST02 | 4   | -              |
| Arabic Language                            | BUST03 | 4   | -              |
| Leadership Skills Development              | BUST04 | 1   | -              |
| Islamic Culture                            | BUST05 | 4   | -              |
| English Language (2)                       | BUST06 | 4   | BUST02         |
| Communication Skills                       | BUST07 | 1   | -              |
| Critical Thinking                          | BUST08 | 1   | -              |
| Computer Skills                            | BUST09 | 3   | -              |
| Research Methodology                       | BUST10 | 2   | -              |

## Second: Faculty Requirements (40 Credit Hours)

| Course                      | Code   | C.H | Pre-Requisites |
|-----------------------------|--------|-----|----------------|
| Biology I                   | PHF110 | 3   | -              |
| Mathematics                 | PHF111 | 3   | -              |
| Biology II                  | PHF121 | 3   | -              |
| Biochemistry I              | PHF212 | 3   | -              |
| Biochemistry II             | PHF222 | 3   | PHF212         |
| Physiology I                | PHF211 | 2   | PHF110         |
| Physiology II               | PHF221 | 3   | PHF211         |
| Anatomy                     | PHF213 | 3   | -              |
| Microbiology and Immunology | PHF314 | 3   | PHF110         |
| Pathology                   | PHF315 | 2   | PHF221         |
| Nutrition                   | PHF326 | 2   | PHF315         |
| Pharmaceutical Microbiology | PHF324 | 3   | PHF314         |
| Pathophysiology I           | PHF325 | 2   | PHF315         |
| Pathophysiology II          | PHF413 | 2   | PHF325         |
| Public Health               | PHF416 | 1   | -              |
| Biostatistics               | PHF511 | 2   | BUST10         |

## Third: Compulsory Department Requirements (72 Credit Hours)

| Course                      | Code   | C.H | Pre-Requisites |
|-----------------------------|--------|-----|----------------|
| General Chemistry I         | PHS112 | 3   | -              |
| General Chemistry II        | PHS120 | 3   | PHS112         |
| Organic Chemistry I         | PHS210 | 3   | PHF120         |
| Pharmacognosy I             | PHS214 | 3   | PHF121         |
| Professional Skills I       | PHS215 | 1   | -              |
| Organic Chemistry II        | PHS220 | 3   | PHS210         |
| Analytical Chemistry        | PHS223 | 3   | PHS120         |
| Pharmacognosy II            | PHS224 | 2   | PHS214         |
| Physical Pharmacy           | PHS225 | 3   | PHS120         |
| Professional Skills II      | PHS226 | 1   | PHS215         |
| Pharmacology I              | PHS310 | 2   | PHF213, PHF221 |
| Pharmaceutical Technology I | PHS311 | 3   | PHS120         |
| Pharmaceutical Chemistry I  | PHS312 | 2   | PHS220         |
| Phytochemistry I            | PHS313 | 2   | PHS224         |

## Cont. Compulsory Department Requirements

| Course                                     | Code   | C.H | Pre-Requisites |
|--------------------------------------------|--------|-----|----------------|
| Instrumental Analysis                      | PHS316 | 3   | PHS223         |
| Professional Skills III                    | PHS317 | 1   | PHS226         |
| Pharmacology II                            | PHS320 | 3   | PHS310         |
| Pharmaceutical Technology II               | PHS321 | 3   | PHS311         |
| Pharmaceutical Chemistry II                | PHS322 | 2   | PHS312         |
| Phytochemistry II                          | PHS323 | 3   | PHS313         |
| Professional Skills IV                     | PHS327 | 1   | BUST07         |
| Pharmacology III                           | PHS410 | 3   | PHS320         |
| Pharmaceutical Chemistry III               | PHS412 | 3   | PHS321         |
| Biopharmaceutics                           | PHS415 | 2   | PHS225         |
| Pharmacology IV                            | PHS420 | 2   | -              |
| Pharmacokinetics                           | PHS423 | 2   | PHS415         |
| Toxicology                                 | PHS424 | 2   | PHS410         |
| Pharmacy Management                        | PHS512 | 1   | PHP426         |
| Pharmacy Law & Ethics                      | PHS513 | 1   | PHS327         |
| Pharmaceutical Biotechnology               | PHS514 | 2   | PHF314         |
| Pharmaceutical Marketing                   | PHS520 | 2   | PHS513, PHS512 |
| Complementary and Alternative Medicine     | PHS521 | 1   | PHS224         |
| Pharmacoepidemiology and Pharmacoeconomics | PHS523 | 1   | PHS410         |

## Fourth: Compulsory Program Requirements (26 Credit Hours)

| Course                                        | Code   | C.H | Pre-Requisites             |
|-----------------------------------------------|--------|-----|----------------------------|
| Pharmaceutical Technology III                 | PHB411 | 3   | PHS321                     |
| Therapeutics I                                | PHB414 | 2   | PHS320, PHF325             |
| Professional Skills V                         | PHB417 | 1   | PHS327                     |
| Pharmaceutical Technology IV                  | PHB421 | 2   | -                          |
| Therapeutics II                               | PHB422 | 2   | PHP414                     |
| Structured Practical Experiential Program I   | PHB425 | 2   | PHS320                     |
| Professional Skills VI                        | PHB426 | 1   | PHP417                     |
| Drug Delivery Systems                         | PHB510 | 2   | PHP411                     |
| Applied Pharmacognosy                         | PHB515 | 2   | -                          |
| Structured Practical Experiential Program II  | PHB516 | 2   | PHP411                     |
| Seminars in Pharmaceutical Sciences           | PHB522 | 2   | -                          |
| OTC Drugs                                     | PHB524 | 1   | -                          |
| Graduation Project                            | PHB525 | 2   | PHF511, BUST10 + 95% c.hrs |
| Structured Practical Experiential Program III | PHB526 | 2   | PHS320                     |