



جامعة عجمان
AJMAN UNIVERSITY

College of Pharmacy
and Health Sciences

Study Plan Flowchart for BPharm Degree (2025-1)

1st Year
(40 C.H.)

Communication Skills for
Interprofessional
Practice (PHA101), 3 C.H.

Pharmaceutical Calculations
(PHA116), 3 C.H.

PR: PHA101

Pharmaceutical Organic
Chemistry I
(PHA110), 3 C.H.

Pharmaceutical
Organic Chemistry II
(PHA113), 3 C.H.

PR: PHA110

Principles of Anatomy
& Physiology I
(PHA130), 3 C.H.

Introductory Pharmacy
Practice Experiences I
(PHA150), 2 C.H.

PR: PHA101

General Biology (BIO111)
(University Elective)
3 C.H.

Principles of Anatomy
& Physiology II
(PHA131), 3 C.H.

PR: PHA130

Advanced English Writing
(ENG104)
(University Requirement)
3 C.H.

Biochemistry
(PHA117), 2 C.H.

PR: PHA110

University Elective
3 C.H.

University Requirement
3 C.H.

Level 1
(18 C.H.)

Level 2
(16 C.H.)

Summer
(6 C.H.)

University Requirement
3 C.H.

University Requirement
3 C.H.

PR = Prerequisite; C.H. = Credit Hour

The student can take summer courses in any summer semester upon advisor's approval

2nd Year
(35 C.H.)

Pharmaceutics I
(PHA254), 3 C.H.

PR: PHA116

Pharm. Microbiology
and Immunology I
(PHA264), 3 C.H.

PR: PHA117

Pharmacology I
(PHA230), 3 C.H.

PR: PHA117, PHA131

Clinical Biochemistry
(PHA217), 3 C.H.

PR: PHA117

Medicinal Chemistry I
(PHA219), 3 C.H.

PR: PHA113

Pharmaceutical
Analysis I
(PHA225), 3 C.H.

PR: PHA113

Pharmaceutics II
(PHA255), 3 C.H.

PR: PHA254

Pharm. Microbiology
and Immunology II
(PHA265), 2 C.H.

PR: PHA264

Pharmacology II
(PHA231), 3 C.H.

PR: PHA230

Medicinal Chemistry II
(PHA229), 2 C.H.

PR: PHA219

Pharmaceutical
Analysis II
(PHA226), 3 C.H.

PR: PHA225

Introductory Pharmacy
Practice Experiences II
(PHA220), 4 C.H.

PR: PHA150

Level 3
(18 C.H.)

Level 4
(17 C.H.)

3rd Year
(35 C.H.)

Pharmaceutics III
(PHA301), 3 C.H.

PR: PHA255

Biopharmaceutics &
Pharmacokinetics
(PHA304), 3 C.H.

PR: PHA255

Pharmacology III
(PHA333), 3 C.H.

PHA231

University Requirement
3 C.H.

Research Methodology for
Pharmacy (PHA306)
3 C.H.

Therapeutics I
(PHA374), 3 C.H.

PR: PHA231

Pharmaceutical
Biotechnology
(PHA360), 2 C.H.

PR: PHA217, PHA265

Clinical Pharmacokinetics
& Therapeutic Drug
Monitoring (PHA314),
3 C.H.

PR: PHA304

Therapeutics II
(PHA379), 3 C.H.

PR: PHA374

Drug Information &
Literature Evaluation
(PHA377), 3 C.H.

PR: PHA306, PHA374

Introductory Pharmacy
Practice Experiences III
(PHA380), 2 C.H.

PR: PHA220

OTC Drugs and Products
(PHA370), 4 C.H.

PR: PHA374

Level 5
(18 C.H.)

Level 6
(17 C.H.)

4th Year
(34 C.H.)

Therapeutics III
(PHA476), 3 C.H.

PR: PHA379

College Elective
(PHA4XX), 3 C.H.

PR: After 80 hours

Pharmacovigilance and
Epidemiology
(PHA485), 3 C.H.

PR: PHA377

Principles and Practice of
Toxicology
(PHA442), 2 C.H.

PR: PHA333

Regulatory Affairs in
Pharmacy
(PHA470), 3 C.H.

PR: PHA226 & PHA301

University Requirement
3 C.H.

Pharmacy Management
and Marketing
(PHA415), 3 C.H.

PR: PHA470

Chemotherapy
(PHA434), 3 C.H.

PR: PHA333

Principles of
Pharmaceutical Care
(PHA417), 3 C.H.

PR: PHA476

Pharmacoeconomics
(PHA466), 3 C.H.

PR: PHA377

Pharmacogenomics
(PHA478), 2 C.H.

PR: PHA333

Capstone Project
(PHA452), 3 C.H.

PR: PHA377, Fourth year

Level 7
(17 C.H.)

Level 8
(17 C.H.)

5th Year
(16 C.H.)

Professional Practice Experience I
(Internal Medicine)
(PHA590), 4 C.H.

PR: PHA380, PHA476

Professional Practice Experience II
(Critical Care)
(PHA591), 3 C.H.

PR: PHA380, PHA476

Professional Practice Experience III
(Community Pharmacy Practice)
(PHA592), 3 C.H.

PR: PHA380, PHA476

Professional Practice Experience IV
(Hospital Pharmacy & Management)
(PHA593), 3 C.H.

PR: PHA380, PHA476

Professional Practice Experience V
(Infectious disease)
(PHA594), 3 C.H.

PR: PHA380, PHA476

Level 9
(16 C.H.)

College Obligatory Courses
133 C.H.

Clinical Sciences: 93 C.H.
Pharmaceutical Sciences: 40 C.H.

College Elective Course
3 C.H.

University Required Courses
18 C.H.

University Elective Courses
6 C.H.

College Elective Course (3 C.H.)
(Only one course from the list below)

- Complementary and Alternative Medicine (CAM), PHA431
(PR: Fourth year, PHA370)
- Arabic Language Competence in Pharmacy, PHA432
(PR: Fourth year, PHA101, PHA370)
- Pharmaceutical Technology Training, PHA433
(PR: Fourth year, PHA301)
- Phytotherapy, PHA420
(PR: Fourth year, PHA370)
- Novel Drug Delivery, PHA435
(PR: Fourth year, PHA301)

Total Credit Hours
160

Last updated: September 2025