



جامعة عجمان
AJMAN UNIVERSITY
College of Pharmacy
and Health Sciences

Study Plan Flowchart for PharmD Degree (2026-1)-6 Years

1st Year
(40 C.H.)

Communication Skills for Interprofessional Practice (PHA103), 2 C.H.

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

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

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

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

University Elective 3 C.H.

Pharmaceutical Calculations (PHA116), 3 C.H.

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

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

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

Biochemistry (BCM112), 3 C.H.

University Requirement 3 C.H.

PR: PHA101

PR: PHA110

PR: PHA101

PR: PHA130

PR: PHA110

University Requirement 3 C.H.

University Requirement 3 C.H.

Level 1
(18 C.H.)

Level 2
(16 C.H.)

Summer
(6 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.

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

Pharmacology I (PHA230), 3 C.H.

Clinical Biochemistry (PHA217), 3 C.H.

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

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

PR: PHA116

PR: PHA117

PR: PHA117, PHA131

PR: PHA117

PR: PHA113

PR: PHA113

Pharmaceutics II (PHA255), 3 C.H.

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

Pharmacology II (PHA231), 3 C.H.

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

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

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

PR: PHA254

PR: PHA264

PR: PHA230

PR: PHA219

PR: PHA225

PR: PHA150

Level 3
(18 C.H.)

Level 4
(17 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.

3rd Year
(35 C.H.)

Pharmaceutics III (PHA301), 3 C.H.

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

Pharmacology III (PHA333), 3 C.H.

University Requirement 3 C.H.

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

Therapeutics I (PHA374), 3 C.H.

PR: PHA255

PR: PHA255

PHA231

Pharmaceutical Biotechnology (PHA360), 2 C.H.

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

Therapeutics II (PHA379), 3 C.H.

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

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

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

PR: PHA217, PHA265

PR: PHA304

PR: PHA374

PR: PHA306, PHA374

PR: PHA220

PR: PHA374

Level 5
(18 C.H.)

Level 6
(17 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)

4th Year
(34 C.H.)

Therapeutics III (PHA476), 3 C.H.

College Elective (PHA4XX), 3 C.H.

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

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

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

University Requirement 3 C.H.

PR: PHA379

PR: After 80 hours

PR: PHA377

PR: PHA333

PR: PHA226 & PHA301

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

Chemotherapy (PHA434), 3 C.H.

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

Pharmacoeconomics (PHA466), 3 C.H.

Pharmacogenomics (PHA478), 2 C.H.

Capstone Project (PHA452), 3 C.H.

PR: PHA470

PR: PHA333

PR: PHA476

PR: PHA377

PR: PHA333

PR: PHA377, Fourth year

Level 7
(17 C.H.)

Level 8
(17 C.H.)

