

Study Plan Flowchart for BPharm Degree (2025-1)



جامعة الفجيرة
University of Fujairah

1st Year
(32 C.H.)

Introduction to Pharmacy
and Healthcare System
(PHC111), 2 C.H.

Pharmaceutical Organic
Chemistry I
(PHC112), 3 C.H.

Principles of Human
Anatomy & Physiology I
(PHC113), 3 C.H.

Advanced English
Communication Skills
(ENG115), 3 C.H.

Emirates Society
(EMS112), 3 C.H.

Statistics
(STA112), 3 C.H.

Level 1
(17 C.H.)

Pharmaceutical Analysis I
(PHC121), 3 C.H.

Pharmaceutical Organic
Chemistry II
(PHC122), 3 C.H.

PR: PHC112

Principles of Human
Anatomy & Physiology II
(PHC123), 3 C.H.

PR: PHC113

Medical Liability
(XXXXX), 3 C.H.

Artificial Intelligence
Applications in Health Sciences
(AIH111), 3 C.H.

Level 2
(15 C.H.)

PR = Prerequisite; C.H. = Credit Hour

2nd Year
(33 C.H.)

Pharmaceutical
Calculations
(PHC231), 2 C.H.

Biochemistry I
(PHC232), 3 C.H.

PR: PHC122, PHC 123

Microbiology
(PHC233), 3 C.H.

PR: PHC123

Pharmaceutical Analysis-II
(PHC234), 3 C.H.

PR: PHC121

Artificial Intelligence in
Pharmacy
(PHC235), 3 C.H.

PR: PHC111

Innovation, Entrepreneurship
and Sustainability
(IES112), 3 C.H.

Level 3
(17 C.H.)

Drug Information and
Literature Evaluation
(PHC241), 2 C.H.

PR: PHC111

Introduction to Health
Economics
(PHC242), 2 C.H.

PR: PHC111

Biochemistry II
(PHC243), 3 C.H.

PR: PHC232

Pharmaceutical Analysis-III
(PHC244), 3 C.H.

PR: PHC234

Pharmaceutical Technology-
Unit Operations
(PHC245), 3 C.H.

PR: PHC231

Pharmacology-I
(PHC246), 3 C.H.

PR: PHC232

Level 4
(16 C.H.)

3rd Year
(34 C.H.)

Biostatistics and Research
Design
(PHC351), 2 C.H.

PR: STA112

Immunology
(PHC352), 2 C.H.

PR: PHC243

Pharmacy Management
& Marketing
(PHC353), 2 C.H.

PR: PHC111

Medicinal Chemistry I
(PHC354), 3 C.H.

PR: PHC243

Pharmaceutical Dosage
Forms I (Solutions)
(PHC355), 3 C.H.

PR: PHC245

Pharmacology-II
(PHC356), 3 C.H.

PR: PHC246

Phytochemistry
(PHC357), 3 C.H.

PR: PHC122, PHC244

Level 5
(18 C.H.)

Infection control and
antimicrobial stewardship
(PHC361), 2 C.H.

PR: PHC352

Pharmaceutical
Biotechnology
(PHC362), 2 C.H.

PR: PHC352

Medicinal Chemistry II
(PHC363), 3 C.H.

PR: PHC354

Pharmaceutical Dosage Forms II
(Coarse Dispersions & Semisolids)
(PHC364), 3 C.H.

PR: PHC355

Pharmacology –III
(PHC365), 3 C.H.

PR: PHC356

Phytotherapy
(PHC366), 3 C.H.

PR: PHC357

Level 6
(16 C.H.)

4th Year
(35 C.H.)

Pharmacoepidemiology
and Pharmacovigilance
(PHC471), 2 C.H.

PR: PHC365

Pharmacogenomics and
Personalized Medicine
(PHC472), 3 C.H.

PR: PHC362, PHC365

Pharmaceutical Dosage
Forms III (Solid DFs)
(PHC473), 3 C.H.

PR: PHC364

Pharmacotherapy I
(PHC474), 3 C.H.

PR: PHC365

IPPE : Community
Pharmacy Training-I
(PHC475), 3 C.H.

PR: After Completion of 99 CH

College Elective Course
(XXXX), 3 C.H.

PR: According to Selected course

Level 7
(17 C.H.)

OTC and Self Care
(PHC481), 2 C.H.

PR: PHC473,PHC474

Pharmaceutical Dosage Forms IV
(Sterile Dosage Forms)
(PHC482), 3 C.H.

PR: PHC473

Pharmacotherapy II
(PHC483), 3 C.H.

PR: PHC474

Graduation Project
(PHC484), 3 C.H.

PR: After completion of 116 CH

Biopharmaceutics &
Pharmacokinetics
(PHC485), 4 C.H.

PR: PHC473

IPPE : Community
Pharmacy Training-II
(PHC486), 3 C.H.

PR: PHC475

Level 8
(18 C.H.)

5th Year
(33 C.H.)

Digital Pharmacy &
Health Informatics
(PHC591), 2 C.H.

PR: PHC235

Pharmacoeconomics
(PHC592), 2 C.H.

PR: PHC242,PHC483

Pharmacy Law and
Ethics
(PHC593), 2 C.H.

PR: PHC483

Applied
Pharmacokinetics
(PHC594), 3 C.H.

PR: PHC485

Pharmacotherapy III
(PHC595), 3 C.H.

PR: PHC483

Toxicology
(PHC596), 3 C.H.

PR: PHC472

IPPE : Pharmaceutical
technology Training
(PHC597), 3 C.H.

PR: PHC482

Level 9
(17 C.H.)

APPE : Critical Care
(PHC5101), 3 C.H.

PR: After completion of 151 CH

APPE : Infectious
Disease
(PHC5102), 3 C.H.

PR: After completion of 151 CH

APPE : Hospital
Pharmacy Training
(PHC5103), 3 C.H.

PR: After completion of 151 CH

APPE : Oncology &
Surgery
(PHC5104), 3 C.H.

PR: After completion of 151 CH

APPE : Internal
Medicine
(PHC5105), 4 C.H.

PR: After completion of 151 CH

Level10
(16 C.H.)

College Requirements : 149 C.H.

College Required Courses : 119 CH
College Required Training Courses : 24 CH
College Graduation Project Course : 3 CH
College Elective Course : 3 C.H.

University Required Courses 18 C.H.

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

Drug discovery and development, PHCE1
(PR: Fourth year, PHC363)

Gene Therapy, PHCE2
(PR: Fourth year, C362)

Public Health Education, PHCE3
(PR: Fourth year, PHC111)

Radiopharmacy, PHCE4
(PR: Fourth year, PHC363, PHC364)

**Total Credit Hours
167**