

# Phase I: Foundational Stage

Year 1

| September |   |   |   | October |   |   |   | November |   |   |   | December |   |   |   | January |   |   |   | February |   |   |   | March |   |   |   | April |   |   |   | May |   |   |   | June |   |   |   | July |   |   |   | August |  |  |  |
|-----------|---|---|---|---------|---|---|---|----------|---|---|---|----------|---|---|---|---------|---|---|---|----------|---|---|---|-------|---|---|---|-------|---|---|---|-----|---|---|---|------|---|---|---|------|---|---|---|--------|--|--|--|
| 1         | 2 | 3 | 4 | 1       | 2 | 3 | 4 | 1        | 2 | 3 | 4 | 1        | 2 | 3 | 4 | 1       | 2 | 3 | 4 | 1        | 2 | 3 | 4 | 1     | 2 | 3 | 4 | 1     | 2 | 3 | 4 | 1   | 2 | 3 | 4 | 1    | 2 | 3 | 4 | 1    | 2 | 3 | 4 |        |  |  |  |

|                    |                  |                                                                                                                                                                                                                                                     |                                                           |                                                                |                                                                                                                                                        |              |             |                |
|--------------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|----------------|
| Reset Examinations | Orientation Week | <b>Block I: Drug Delivery<br/>(10 Weeks)</b>                                                                                                                                                                                                        | <b>Block II:<br/>General<br/>Dispensing<br/>(8 Weeks)</b> | <b>Block III:<br/>General Basic<br/>Sciences<br/>(6 Weeks)</b> | <b>Block IV:<br/>Bio-<br/>medical<br/>Sciences<br/>(4 Weeks)</b>                                                                                       | Study Period | Final Exams | Summer Holiday |
|                    |                  | <b>Integrated sequence I:</b> Integration of: Pharmaceutics, Orientation to Pharmacy, General Chemistry, physics, Organic Chemistry, Biology, Analytical Chemistry, Ethics, Pharmaceutical Calculation, Physical Pharmacy and communication skills. |                                                           |                                                                | <b>Integrated Sequence II:</b> Integration of: Organic Chemistry, Analytical Chemistry, Anatomy, Physiology, Histology, Microbiology and Biochemistry. |              |             |                |
|                    |                  | Elementary Calculus                                                                                                                                                                                                                                 |                                                           |                                                                | Clinical Skills Lab                                                                                                                                    |              |             |                |
|                    |                  | English Language I                                                                                                                                                                                                                                  |                                                           |                                                                |                                                                                                                                                        |              |             |                |
|                    |                  | Volunteering Work                                                                                                                                                                                                                                   |                                                           |                                                                |                                                                                                                                                        |              |             |                |
|                    |                  |                                                                                                                                                                                                                                                     |                                                           |                                                                |                                                                                                                                                        |              |             |                |

Key:

- Integrated sequence I
- Integrated Sequence II
- Program Requirement
- University Requirement

PharmD Program (LIMU)

# Phase I: Foundational Stage

## Year 2

| September | October | November | December | January | February | March   | April   | May     | June    | July    | August  |
|-----------|---------|----------|----------|---------|----------|---------|---------|---------|---------|---------|---------|
| 1 2 3 4   | 1 2 3 4 | 1 2 3 4  | 1 2 3 4  | 1 2 3 4 | 1 2 3 4  | 1 2 3 4 | 1 2 3 4 | 1 2 3 4 | 1 2 3 4 | 1 2 3 4 | 1 2 3 4 |

|                    |                  |                                                                                                                                                                                                    |                                                     |               |                                                                                                                                                                                                                                                                                    |                 |                                                       |              |             |                |  |  |
|--------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------|--------------|-------------|----------------|--|--|
| Reset Examinations | Orientation Week | <b>Block V:<br/>Immunology<br/>(6 Weeks)</b>                                                                                                                                                       | <b>Block VI:<br/>Pharmacogenomics<br/>(6 Weeks)</b> | Research Week | <b>Block VII:<br/>Drug Discovery<br/>(7 Weeks)</b>                                                                                                                                                                                                                                 | Scientific Week | <b>Block VIII:<br/>Drug Formulation<br/>(5 Weeks)</b> | study Period | Final Exams | Summer Holiday |  |  |
|                    |                  | <b>Integrated sequence III:</b> Integration of: Physiology, Biochemistry, Immunology, Pharmacy Practice, Pharmacogenomics Primer Course, Clinical Skills Lab, Pathology and Instrumental Analysis. |                                                     |               | <b>Integrated Sequence IV:</b><br>Integration of: Physiology, Biochemistry, Biopharmaceutics, Drug Quality Assurance, Drug Delivery and Formulation, Biotechnology, Fundamentals of Medicinal Chemistry, Fundamentals of Pharmacology and Pharmacy Practice & Clinical Skills Lab. |                 |                                                       |              |             |                |  |  |
|                    |                  | English Language II                                                                                                                                                                                |                                                     |               |                                                                                                                                                                                                                                                                                    |                 |                                                       |              |             |                |  |  |
|                    |                  | Arabic Language                                                                                                                                                                                    |                                                     |               |                                                                                                                                                                                                                                                                                    |                 |                                                       |              |             |                |  |  |
|                    |                  | Critical Thinking                                                                                                                                                                                  |                                                     |               |                                                                                                                                                                                                                                                                                    |                 |                                                       |              |             |                |  |  |
|                    |                  | Literature Evaluation                                                                                                                                                                              |                                                     |               |                                                                                                                                                                                                                                                                                    |                 |                                                       |              |             |                |  |  |
|                    |                  | Research Ethics                                                                                                                                                                                    |                                                     |               |                                                                                                                                                                                                                                                                                    |                 |                                                       |              |             |                |  |  |
|                    |                  | Communication Skills                                                                                                                                                                               |                                                     |               |                                                                                                                                                                                                                                                                                    |                 |                                                       |              |             |                |  |  |
|                    |                  | Volunteering Work                                                                                                                                                                                  |                                                     |               |                                                                                                                                                                                                                                                                                    |                 |                                                       |              |             |                |  |  |

Key:

- Integrated sequence III
- Integrated Sequence IV
- Program Requirement
- University Requirement

# Phase II: Professional Stage I

Year 3

October

November

December

January

February

March

April

May

July

Aug  
&  
Sept

Orientation Week

**Block IX: Infectious Disorders (7 Weeks)**

**Block X: Oncology Disorders (4 Weeks)**

**Block XI: Cardiovascular System And Pulmonary Disorders (6 Weeks)**

**Block XII: Gastro-intestinal System & Liver Disorders (4 Weeks)**

**Block XIII: Renal Disorders (3 Weeks)**

**Block XIV: Endocrine & Reproductive Disorders (4 Weeks)**

Integrated sequence V: Integration of: Pathophysiology, Bioethics, Pharmacology, Clinical Pharmacokinetics, Patient Assessment Medicines, Pharmacogenomics, Microbiology, Parasitology, Biochemistry.

Medicinal Chemistry, Toxicology, Pharmacotherapeutics, Clinical Self-Care Management, Complementary & Alternative Pharmacology, Pharmacoepidemiology and Clinical

**Fundamentals of Epidemiology and Research**

**Academic Reading and Writing I**

**Volunteering Work**

**Preparation of Graduation Project Proposal**

**Final Exams**

**IPPEs (Community-practice) (200hrs)**

**IPPEs (Institutional-practice) (100hrs)**

**Key:**  
 Integrated sequence V  
 Program Requirement  
 University Requirement

PharmD Program (LIMU)

# Phase II: Professional Stage I

Year 4

October

November

December

January

February

March

April

May

July

Aug  
&  
Sep

1

2

3

4

1

2

3

4

1

2

3

4

1

2

3

4

1

2

3

4

1

2

3

4

1

2

3

4

1

2

3

4

Orientation Week

**Block XV: Neurological & Psychological Disorders (9 Weeks)**

**Block XVI: Eye & Skin Disorders (4 Weeks)**

**Block XVII: Musculo-skeletal Disorder (3 Weeks)**

**Block XVIII: Life Stages (4 Weeks)**

**Block XIX: Hospital Pharmacy (8 Weeks)**

**Integrated sequence V:** Integration of: Pathophysiology, Pharmacology, Medicinal Chemistry, Toxicology, Pharmacotherapeutics, Clinical Pharmacology, Clinical Pharmacokinetics, Patient Assessment, Self-Care Management, Complementary & Alternative Medicines, Pharmacogenomics, Microbiology, Parasitology, Bioethics, Pharmacoepidemiology and Clinical Biochemistry.

**Integrated sequence VI:** Integration of: Pharmacotherapeutics, Toxicology, Patient Assessment, Clinical Pharmacology, Clinical Pharmacokinetics, Self-Care Management, Complementary & Alternative Medicines.

**Integrated sequence VII:** Integration of: First Aid, Hospital Pharmacy, Drug Chain Management, Sterile Compounding, Health Care Economics, Health Systems, & Nutrition.

**Evidence Based Practice**

**Academic Reading and Writing II**

**Psychology**

**Biostatistics**

**Volunteering Work**

**Final Exams**

**IPPEs (Institutional-practice) (100hrs)**

**Graduation Project (8 Weeks)**

**Key:**

- Integrated sequence V
- Integrated Sequence VI
- Integrated Sequence VII
- Program Requirement

| Phase III: Professional Stage II |                                                                                                                                                                                                                     |         |   |          |   |             |                                |         |   |          |                        |       |   |       |                 |     |   |         |   |                     |   |             |   |            |   |         |   |             |   |                                     |  |  |  |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---|----------|---|-------------|--------------------------------|---------|---|----------|------------------------|-------|---|-------|-----------------|-----|---|---------|---|---------------------|---|-------------|---|------------|---|---------|---|-------------|---|-------------------------------------|--|--|--|
| Professional Stage II: Year 5    |                                                                                                                                                                                                                     |         |   |          |   |             |                                |         |   |          |                        |       |   |       |                 |     |   |         |   |                     |   |             |   |            |   |         |   |             |   |                                     |  |  |  |
| September                        |                                                                                                                                                                                                                     | October |   | November |   | December    |                                | January |   | February |                        | March |   | April |                 | May |   | June    |   | July                |   | August      |   | September  |   | October |   |             |   |                                     |  |  |  |
| 3                                | 4                                                                                                                                                                                                                   | 1       | 2 | 3        | 4 | 1           | 2                              | 3       | 4 | 1        | 2                      | 3     | 4 | 1     | 2               | 3   | 4 | 1       | 2 | 3                   | 4 | 1           | 2 | 3          | 4 | 1       | 2 | 3           | 4 |                                     |  |  |  |
| Orientation week                 | Block XX: Professional Development (10 weeks)                                                                                                                                                                       |         |   |          |   | Final exams | APPE (10 months) (eq. 1200hrs) |         |   |          |                        |       |   |       |                 |     |   |         |   |                     |   |             |   |            |   |         |   |             |   |                                     |  |  |  |
|                                  | Integrated sequence VIII:<br>Integration of:<br><br>Drug Registration, Marketing, Business Administration, & accounting , Interpreneurship, Pharmacoeconomics, Pharmacy law, Pharmacovigilance and Academic writing |         |   |          |   |             | Internal Medicine              |         |   |          | Haematology & Oncology |       |   |       | Ambulatory Care |     |   | ICU/CCU |   | Infectious Diseases |   | Paediatrics |   | Nephrology |   | Surgery |   | Dermatology |   | Electives (Gynaecology/Psychiatric) |  |  |  |
|                                  | 4 Elective Courses                                                                                                                                                                                                  |         |   |          |   |             | Capstone Assessment            |         |   |          |                        |       |   |       |                 |     |   |         |   |                     |   |             |   |            |   |         |   |             |   |                                     |  |  |  |
|                                  | Comprehensive Exam                                                                                                                                                                                                  |         |   |          |   |             |                                |         |   |          |                        |       |   |       |                 |     |   |         |   |                     |   |             |   |            |   |         |   |             |   |                                     |  |  |  |
|                                  | PHRP Course                                                                                                                                                                                                         |         |   |          |   |             |                                |         |   |          |                        |       |   |       |                 |     |   |         |   |                     |   |             |   |            |   |         |   |             |   |                                     |  |  |  |
|                                  | Volunteering Work                                                                                                                                                                                                   |         |   |          |   |             |                                |         |   |          |                        |       |   |       |                 |     |   |         |   |                     |   |             |   |            |   |         |   |             |   |                                     |  |  |  |

Key:  Integrated Sequence VIII  
 Program Requirement  
 University Requirement