# **Academic Program Description Form**

University Name: ....ALMuthanna...... Faculty/Institute: .....College of medicine...... Scientific Department: .....pharmacology...... Academic or Professional Program Name: ....pharmacology...... Final Certificate Name: ...Bachelor in Medicine and general surgery...... Academic System: ...Annual...... Description Preparation Date: 1\9\2024 File Completion Date: 25\2\2025

Signature: Head of Department Name: Associate prof. Ali abdulkarim Talib

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The file is checked by: Department of Quality Assurance and University Performance Director of the Quality Assurance and University Performance Department: Date: 15\3\2025

Signature:

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Approval of the Dean

#### 1. Program Vision

The vision, mission and goals of the College of Medicine are clear and evident in the corridors of the college and outside it. The vision is for the College of Medicine to be a prominent scientific teacher working to develop the health reality in the governorate by supplying health institutions with qualified graduates with a good academic level, who are able to bear responsibility and deal with... The patient is humane and highly scientific, and works to encourage teaching staff as well as final stage students to conduct solid scientific and practical research that includes the problems of the health and medical reality, in order to raise the scientific and academic level of the college to suit local and international scientific requirements.

#### 2. Program Mission

The college's mission: The college, its deanship and its staff, since its founding, has been striving to have an integrated educational role based on the latest modern scientific methods to raise the scientific level of graduates and make them capable of proper diagnosis. It also seeks to cultivate a spirit of brotherhood and cooperation among graduates so that the future doctor will be able to work in the spirit of One team and respect for other health personnel in order to be able to provide the best and to be able to interact in the medical and social environment. The college also aspires to strengthen continuing medical education programs that include all doctors working in health institutions for the purpose of achieving the most important goal, which is improving the health situation.

#### 3. Program Objectives

1- Work to increase the teaching staff to be able to keep up with the number of students and enhance the concept of small group teaching.

2 – Working to graduate competent doctors with high scientific and clinical skills to enable them to practice the medical profession.

3 – Work to nourish the spirit of scientific research among the teaching staff and encourage research that touches on the health reality in order to evaluate it and diagnose its weaknesses.
4 – Cultivating a spirit of cooperation between the teaching staff and students by conducting joint research under the supervision of the teaching staff.

5 – Working to nurture the humanitarian side of students and graduates in their dealings with the patient and the rest of the medical and health staff.

6 – Encouraging students and graduates to make field visits to health and social institutions to enable them to provide medical services directly.

7 - Focusing on the principles of raising quality and working to strengthen them among the college's cadres, both scientific and administrative, to raise the academic level of the college.
8 - Forming scientific committees to update study plans, curricula, and clinical training methods

to keep pace with international universities.

9 – Intensifying health awareness programs for the purpose of raising the level of health awareness in society.

10 – Contributing to the development of medical education and advanced health care at the local and regional levels.

11- . The student must be able to take a patient's medical history and examine patients for an academic medical examination In general, with examination of various body systems

12- The student should be able to search scientific sources and journals and be able to conduct discussions Scientific knowledge regarding clinical cases.

13-Attendance - in hospital ward, especially emergency, CCU, and Intensive care units.

14-Training in conducting internal medicine interventions, whether in hospital or  ${\sf ER}$  .

## 4. Program Accreditation

Waiting to obtain accreditation from the Jordanian Accreditation Council, which is affiliated with the World Federation of Medical education.

# 5. Other external influences

Is there a sponsor for the program?

| 6. Program Structure                       |                      |                                |            |          |  |  |  |  |  |  |
|--|----------------------|--------------------------------|------------|----------|--|--|--|--|--|--|
| Program Structure                          | Number of<br>Courses | Credit hours                   | Percentage | Reviews* |  |  |  |  |  |  |
| Institution<br>Requirements<br>College     |                      |                                |            |          |  |  |  |  |  |  |
| Requirements<br>Department<br>Requirements | 1stag                | 3 <sup>rd</sup> stage:6 Unites |            | Basic    |  |  |  |  |  |  |
| Summer Training<br>Other                   |                      |                                |            |          |  |  |  |  |  |  |

\* This can include notes whether the course is basic or optional.

| 7. Program Description                       |             |   |                   |             |              |  |  |  |  |  |
|--|-------------|---|-------------------|-------------|--------------|--|--|--|--|--|
| Year/Level                                   | Course Code |   | Course Name       | C           | Credit Hours |  |  |  |  |  |
|  |             |   |                   | theoretical | practical    |  |  |  |  |  |
| 3 <sup>rd</sup> stage                        |             |   | Internal medicine | 30          | 60           |  |  |  |  |  |
| 8. Expected learning outcomes of the program |             |   |                   |             |              |  |  |  |  |  |
| Knowledge                                    |             |   |                   |             |              |  |  |  |  |  |
| 1-Describe the causes,                       |             | 1-Apply basic knowledge in a clinical setting 2-Work      |                   |             |              |  |  |  |  |  |
| mechanisms of diseases and                   |             | collaboratively in problem-solving 3-Recognize normal and |                   |             |              |  |  |  |  |  |
| the associated alterations in                |             | abnormal findings across the life cycle                   |                   |             |              |  |  |  |  |  |
| systems functions and                        |             |   |                   |             |              |  |  |  |  |  |
| structure.                                   |             |   |                   |             |              |  |  |  |  |  |
| 2- Develop skills of                         |             |   |                   |             |              |  |  |  |  |  |
| observation, interpretation and              |             |   |                   |             |              |  |  |  |  |  |
| integration needed to analyze                |             |   |                   |             |              |  |  |  |  |  |
| human illness.                               |             |   |                   |             |              |  |  |  |  |  |

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| Skills  |  |
|---|--|
| 1–Apply basic knowledge in a clinical setting                 | 1- Exhibit teamwork and collegiality and respect diversity.        |
| 2-Work collectively in problem-solving.                       | 2- View medicine as a service profession.                          |
| Ethics  |  |
| 1–view and appreciate<br>medicine as a service<br>profession' | 1- Develop effective test-taking skills.                           |
| 2- honesty, ethical behavior, caring and compassion           | 2- Integrate history, physical examination and laboratory results. |

### 9. Teaching and Learning Strategies

- 1-Interactive scientific lectures
- 2- Small learning groups
- 3- Clinical education groups
- 4- Discussion sessions

### **10. Evaluation methods**

The third stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 10%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 10%

Practical final exam 20%

Final theoretical exam 40%

| 11. Faculty            |                                    |                          |   |  |                              |          |  |  |  |  |
|------------------------|------------------------------------|--------------------------|---|--|------------------------------|----------|--|--|--|--|
| Faculty Members        |                                    |                          |   |  |                              |          |  |  |  |  |
| Academic Rank Speciali |                                    |                          | Special<br>Requirements/Skills<br>(if applicable) |  | Number of the teaching staff |          |  |  |  |  |
|                        | General                            | Special                  |   |  | Staff                        | Lecturer |  |  |  |  |
| 1- Assistant prof      | Medicine and<br>general<br>surgery | cardiology               |   |  | 1                            |          |  |  |  |  |
| 2- Assoistant prof .   | Medicine and<br>general<br>surgery | Neurology                |   |  | 1                            |          |  |  |  |  |
| 3- Assistant Prof.     | Medicine and<br>general<br>surgery | Medicine                 |   |  |                              | 1        |  |  |  |  |
| 4- pharmacist          | Bachelor of pharmacology           | Clinical<br>pharmacology |   |  |                              | 1        |  |  |  |  |

## **Professional Development**

#### Mentoring new faculty members

Instructing new faculty members in the college's scientific and administrative systems, how to skillfully deal with students, preparing the study plan, and procedures for the academic year in terms of workshops, seminars, and research.

#### Professional development of faculty members

Directing faculty members to the annual plan and preparing topics for the academic year in terms of workshops, seminars, research, and developing the annual plan.

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# 12. Acceptance Criterion

(Through the central admission through the Ministry of Higher Education

# 13. The most important sources of information about the program

Corresponding medical college curricula and the medical education unit

# 14. Program Development Plan

1. Teaching and training students of primary studies and postgraduate clinical studies in comparison with the progress recorded in the teaching process and clinical knowledge globally.

2. Preparing doctors who are able to manage the comprehensive medical care process in order to improve the patient's health status based on advanced diagnostic and therapeutic developments.

3. Improving scientific knowledge that aims to understand the disease process and then the possibility of preventing and treating it through cognitive integration between basic sciences and clinical sciences.

4. Creating a generation of graduates in medical schools who are qualified and able to complete their postgraduate studies within the perspective of modern concepts of medical care.

| Program Skills Outline    |                                  |                      |           |                                    |    |        |    |           |           |    |    |           |    |   |   |
|---------------------------|----------------------------------|----------------------|-----------|------------------------------------|----|--------|----|-----------|-----------|----|----|-----------|----|---|---|
|                           |                                  |                      |           | Required program Learning outcomes |    |        |    |           |           |    |    |           |    |   |   |
| Year/Level Course<br>Code | Course Basic or<br>Name optional |                      | Knowledge |                                    |    | Skills |    |           | Ethics    |    |    |           |    |   |   |
|                           |                                  | A1                   | A2        | A3                                 | A4 | B1     | B2 | <b>B3</b> | <b>B4</b> | C1 | C2 | <b>C3</b> | C4 |   |   |
| Third                     |                                  | Internal<br>medicine | Basic     | X                                  | X  | X      | X  | X         | X         | X  | X  | X         | X  | X | X |
|                           |                                  |                      |           |                                    |    |        |    |           |           |    |    |           |    |   |   |
|                           |                                  |                      |           |                                    |    |        |    |           |           |    |    |           |    |   |   |

• Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

