****

**Najran University**

**College of Medicine**

**Medicine and surgery program**

**Learning objectives matrix**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **NQF Learning Domains** **and Learning Outcomes** | **Teaching****Strategies** | **Assessment****Methods** |
| **1.0** | **Knowledge**The graduate should be able to: |
| 1.1 | Describe the principles of basic medical sciences  | * Lectures
* seminars
* tutorials
* assignments
* self-directed learning
* E-learning
* Problem Based Learning sessions
* discussion
* research activities
* case studies
 | * MCQs examinations
* individual and group presentation
* case studies
* discussion
* research activities
 |
| 1.2 | Recognize the etiology, pathology, natural history, diagnosis, prognosis, control and prevention of common medical disorders in different age groups. |
| 1.3 | List the essential investigations and diagnostic procedures for common and life threatening illnesses. |
| 1.4 | Outline the basic principles of the management of common and life threatening illnesses |
| **2.0** | **Cognitive Skills**The graduate should be able to: |
| 2.1 | Analyze symptoms and signs of patients presentation to formulate a deferential diagnosis and / or specific diagnosis | * Lectures
* seminars
* tutorials
* group assignments
* self-directed learning
* E-learning
* group discussion
* research activities
* case studies
 | * MCQs exams
* individual and group presentations
* case studies
* discussion
 |
| 2.2 | Formulate appropriate management strategies for patients with common and life threatening health problems. |
| **3.0** | **Interpersonal Skills & Responsibility**The graduate should be able to: |
| 3.1 | Respect patients’ rights in management decisions in terms of the different cultural beliefs and values in the community they serve. | * Seminars
* tutorials
* group assignments
* practical classes
* group discussion
* research activities
* lab demonstrations
* Case studies.
 | * log books
* group presentations
* case studies
* lab manuals
* discussion
 |
| 3.2 | Illustrate the important role played by other health care professionals in patients’ management and works effectively within a team |
| **4.0** | **Communication, Information Technology, Numerical**The graduate should be able to: |
| 4.1 | Presents information clearly in written, electronic and/or oral forms. | * Seminars
* tutorials
* group assignment
* practical classes
* E-learning
* Group discussion, research activities.
 | * Group presentations
* case studies
* Discussion.
 |
| 4.2 | Communicate effectively with patients, their families, peers and members of the health care teams. |
| **5.0** | **Psychomotor**The graduate should be able to: |
| 5.1 | Perform an appropriate clinical examination of the patients. | * Practical classes.
* lab demonstrations
* skill lab
* BST
 | * Clinical examinations
* OSCE
* OSPE
 |
| 5.2 | Perform basic common medical and surgical procedures |