TEMPLATE FOR COURSE SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution Ministry of higher education

2. University Department/Centre Pharmaceutical chemistry

3. Course title/code Organic chemistry II

4. Modes of Attendance offered

5. Semester/Year second year/first semester

6. Number of hours tuition (total) 45h

7. Date of production/revision of this specification 1/11/2021

8. Aims of the Course

Study of the concepts and basics of organic chemistry that are the foundations of the study of pharmacy •

Study of compounds organic chemical and functional groups (lodhydes, ketones, carboxylic acids, Carboxyl derivatives of almenate, nitroyl, other nitrogen organic compounds, compounds heterogeneous ring, carbohydrates, molecular chemistry,

9· Learning Outcomes, Teaching, Learning and Assessment Method

Cognitive goals
A-1 Statement of knowledge and basic principles in chemistry
A-2 Practical Experiments
A-3The preparation of explanatory means
A-4 Preparing brief reports

The course's skills objectives.
B- 1 Providing graduates with balanced knowledge and teaching them responsibility
Providing information and technical skills to meet pharmaceutical needs
B-3N becomes a research-based educational source
B-4A commitment to lifelong learning in order to communicate with the rapid developments in pharmaceutical sciences

Teaching and learning methods
siminars - Daily Duties - Editorial Exams

Evaluation methods
Oral and editorial examinations - scientific reports

C. Affective and value goals
C.1 Ask questions on topics that can be discussed
C-2 Ask questions that the student solves
C-3. Conducting quick and intellectual electronic exams

Teaching and Learning Methods

siminars - Daily Duties - Editorial Exams

Assessment methods

Oral and editorial examinations - scientific reports

D. General and rehabilitative transferred skills(other skills relevant to employability and personal development)
D1- Conducting scientific experiments
D2- Acquiring skill in the preparation of medicines
D3- Giving confidence to the student through scientific research
D4- Acquiring the skill of detecting and classifying medicines

10. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
4-1	10		Aromatic compounds	Lectures	Oral and editorial examination
7-5	12		Organic acids and their derivatives	Lectures	Oral and editorial examination
9-8	5		Aminat 1 and 2	Lectures	Oral and editorial examination
13-10	12		Aldehydes and ketones	Lectures	Oral and editorial examination
15-14	5		phenols	Lectures	Oral and editorial examination

11. Infrastructure

1. Books Required reading:

Organic Chemistry by Robert T. Morrison and Robert N. Boyd .
Organic Chemistry by McCurry; 5th ed. Thomason learning; CA,USA; 2000

2. Main references (sources)

Organic Chemistry by Robert T. Morrison and Robert N. Boyd .
Organic Chemistry by McCurry; 5th ed. Thomason learning; CA,USA; 2000

A- Recommended books and references (scientific journals, reports…).

B-Electronic references, Internet sites…

12. The development of the curriculum plan