



T-104
2022

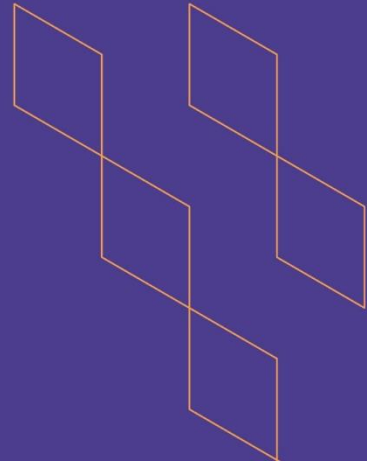
Course Specification





T-104
2022

Course Specification



Course Title: Research Project 1
Course Code: 561-PHR-3
Program: Pharmaceutical Sciences
Department:
College: College of Pharmacy
Institution: Najran University
Version: 1
Last Revision Date: 23/12/2023



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A. General information about the course:

Course Identification

1. Credit hours: 3 Credits (T:1 + P:2)

2. Course type

a. University ☐ College ☐ Department ☐ Track ☐ Others ☒

b. Required ☒ Elective ☐

3. Level/year at which this course is offered: 9th level/ 5th year

4. Course general Description

This course is a study of theory and practical in any of the specialty course studied during the pharmaceutical sciences program with respect to its pharmaceutical aspects. During the course, students will start choosing the title of the project and practice in writing the research proposal which includes the introduction, the scientific background, material and methods, results, discussion, and conclusion. Students will be distributed to the departments in the college by the Vice dean of the academic affairs, then the department will select the faculty member for each student.

5. Pre-requirements for this course (if any):

Research Methodology 454-PHP-2

6. Co- requirements for this course (if any): NA

7. Course Main Objective(s)

The course is designed to enhance the students' knowledge and capabilities required to provide effective, comprehensive, and high-quality research project. It also enhances their proposal professional writing skills which are needed in their postgraduate studies.

By the end of this course, students should be able to:

- 1- Propose, design, write and submit a pharmaceutical research proposal
- 2- Apply proper and professional citation of the literature throughout the research proposal
- 3- Demonstrate problem solving and decision-making skills in preparing the research proposal
- 4- Accept constructive criticism from faculty advisor on the research proposal
- 5- Communicate and collaborate effectively with the faculty advisor on the research proposal

1. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1.	Traditional classroom	75	100%

No	Mode of Instruction	Contact Hours	Percentage
2.	E-learning		
3.	Hybrid <ul style="list-style-type: none"> Traditional classroom E-learning 		
4.	Distance learning		

2. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	15
2.	Laboratory/Studio	60
3.	Field	
4.	Tutorial	
5.	Others (specify)	
	Total	75



B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Demonstrate the relevant methods relating to research within the field of pharmaceutical sciences	K1	-Lectures -Problem-based learning	Periodical assignments (reports)
1.2				
...				
2.0	Skills			
2.1	Integrate pharmaceutical sciences with information obtained from different resources to provide creative solutions for complex problems	S1	-Case studies -Problem-based learning	-Periodical reports -Presentations
2.2				
...				
3.0	Values, autonomy, and responsibility			
3.1	Demonstrate leadership skills, confidence, and independent thinking	V4	- Discussions with students - Self-learning	- Periodical reports -presentations - Observation card
3.2				
...				

C. Course Content

No	List of Topics	Contact Hours
1.	Determined by the supervisor according to the title of the project chosen	75
Total		75



D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Continuous course assessment (monthly report)	1 st – 15 th	30%
2.	Final Research proposal	16 th	40%
3.	Final Oral presentation	17 th	30%
...			

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Determined by the supervisor according to the title of the project chosen
Supportive References	Determined by the supervisor according to the title of the project chosen
Electronic Materials	sdl.edu.sa/SDLPortal/Publishers.aspx
Other Learning Materials	

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	- Classrooms (25 students) - Laboratories (20 students) - E-learning
Technology equipment (projector, smart board, software)	Projector
Other equipment (depending on the nature of the specialty)	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect
Effectiveness of students assessment	Examination committee	Direct
Quality of learning resources	Course coordinator and students	Indirect
The extent to which CLOs have been achieved	Course coordinator	Direct
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)



G. Specification Approval Data

COUNCIL /COMMITTEE	RESEARCH UNIT COMMITTEE
REFERENCE NO.	MEETING NO. 1
DATE	24/12/2023

