



Course Specification

— (Bachelor)

Course Title: **Graduation Research Project**

Course Code: **PHE26429**

Program: **Bachelor of Science in Public Health**

Department: **Public Health**

College: **Applied Medical Sciences**

Institution: **University of Bisha**

Version: **1**

Last Revision Date: **1-2-1445**





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A. General information about the course:

1. Course Identification

1. Credit hours:					
4(0+4)					
2. Course type					
A.	<input type="checkbox"/> University	<input type="checkbox"/> College	<input checked="" type="checkbox"/> Department	<input type="checkbox"/> Track	<input type="checkbox"/> Others
B.	<input checked="" type="checkbox"/> Required		<input type="checkbox"/> Elective		
3. Level/year at which this course is offered: 8 th level/4 th year					
4. Course general Description:					
The Graduation Research Project course in the Public Health program is a capstone experience designed to empower students with the knowledge, skills, and experience needed to address pressing public health issues. Through rigorous research and critical analysis, students will delve into the multifaceted health disparities, seeking to understand their root causes, impact on communities, and potential solutions.					
5. Pre-requirements for this course (if any):					
PHE26428					
6. Co-requirements for this course (if any):					
NA					
7. Course Main Objective(s):					
The main objective of the graduation research project is to equip students with the practical experience necessary to conduct independent research, analyze complex public health issues, and contribute to the development of evidence-based solutions that address critical challenges in public health.					

2. Teaching mode

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	-	-
2	E-learning	-	-
3	Data mining	30	25%
4	Supervision meetings	30	25%
5	Experiments/Supervision and follow-up	60	50%



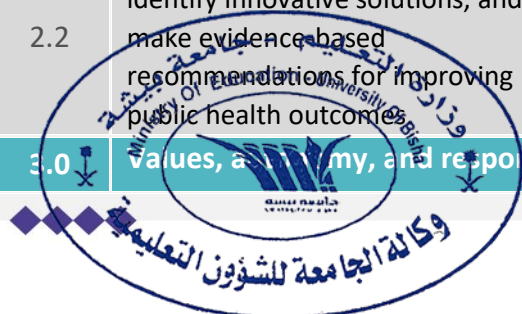


3. Contact Hours

No	Activity	Contact Hours
1.	Lectures	-
2.	Laboratory/Studio	-
3.	Interactive learning	-
4.	Data mining	30
5.	Supervision meetings	30
6.	Experiments / Supervision and follow-up	60
7.	Self-learning	30
Total		150

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 a comprehensive understanding of their chosen public health research topic, including the relevant theories, concepts, and key factors contributing to the issue	K7	Supervision meetings, Data mining	Supervisor and committee evaluation
1.2	Conduct a critical literature review, identifying gaps in existing research and synthesizing current knowledge in the field to inform their own research questions and hypotheses.	K7		
2.0	Skills			
2.1	Design robust research projects, select appropriate research methodologies, and effectively implement data collection and analysis techniques specific to their research question	S1	Experiments and Supervision	Supervisor and committee evaluation
2.2	analyze complex public health issues, identify innovative solutions, and make evidence-based recommendations for improving public health outcomes	S2		
3.0	Values, Attitudes, and Responsibility			



Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
3.1	Display professional and ethical conduct during the research project.	V1	Supervision meetings	Supervisor and committee evaluation, viva voce
3.2	Exhibit a commitment towards life-long learning	V2		

C. Course Content

No	List of Topics	Contact Hours
	Addressing research problem	12
1.	Literature review	20
2.	Data collection	18
3.	Conduction of experiments	20
4.	Result in tabulation and analysis	20
5.	Draft writing and final thesis preparation	30
Total		120

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Active participation & interaction with the supervisor	All through	40%
2.	Evaluation of the project and thesis contents	End of semester	30%
3.	Evaluation of the presentation of the project /viva voce	End of semester	30%
Total			100%

*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	Petter Laake, Haakon B. Benestad, Bjorn Reino Olsen. Research in Medical and Biological Sciences. ELSEVIER. 2015 ISBN: 9780127999432
Supportive References	Mangey Ram, Om Parakash Nautiyal, Durgesh Pant. Scientific Methods Used in Research and Writing. CRC press. 2020. ISBN: 9781000299656
Electronic Materials	
Other Learning Materials	Saudi Digital Library

2. Required Facilities and equipment

Items	Resources
facilities	Well-equipped laboratory
Technology equipment	Data show, Smart Board
Other equipment	Referencing software

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students, Faculty, Quality committee	Direct/indirect
Effectiveness of Students' assessment	Students/ Peer Reviewer	Direct/indirect
Quality of learning resources	Faculty/ Students	Indirect
The extent to which CLOs have been achieved	Course committee	Direct
Other		

G. Specification Approval

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	

