



Course Specification

— (Bachelor)

Course Title **Preparation for Research**

Course Code: **PHE26231**

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

Department: **Public Health**

College: **Applied Medical Sciences**

Institution: **University of Bisha**

Version: **1**

Last Revision Date: **2-8-2023**





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A. General information about the course:

1. Course Identification

1. Credit hours:					
2 (2+0)					
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: 4th level 2nd year					
4. Course general Description:					
Focuses on the designing and implementing scientific research in the field of Public Health.					
5. Pre-requirements for this course (if any):					
NA					
6. Co-requirements for this course (if any):					
NA					
7. Course Main Objective(s):					
<ul style="list-style-type: none"> • Present the processes involved in conducting scientific research in the field of Public Health; and • Equip the students with the skill in developing technically and ethically sound research proposal. 					

2. Teaching mode

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	26	86.6%
2	E-learning	2	6.7%
3	Tutorial		
4	Interactive learning	2	6.7%
5	Practical		

3. Contact Hours

No	Activity	Contact Hours
1.	Lectures	26
2.	E-learning	2
3.	Practical	





4.	Interactive learning	2
5.	Seminars	
6.	Self-Learning	45
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	Explain the research process undertaken in Public Health.	K2	Lecture discussion	Quiz Written examination
1.2	Differentiate the different research designs and sampling strategies.	K2		
2.0	Skills			
2.1	Formulate clear, specific and measurable research objectives for an identified research problem.	S1	Interactive learning	In class evaluation
2.2	Establish the empirical and theoretical basis of research.	S1		
2.3	Develop a data collection instrument.	S1		
2.4	Specify the appropriate research design, sampling strategy and procedures for data processing and analysis.	S1		
3.0	Values, autonomy, and responsibility			
3.1	Observe professional integrity and ethical standards in the conduct of public health research.	V2	lectures Interactive learning	In class evaluation

C. Course Content

No	List of Topics (Theory)	Contact Hours
1.	Overview of the Research Process	3
2.	Research Problem and Objective: Research Problem Identification and Objective Setting	3
	Plenary Presentation I	
3.	Literature Review and Conceptual Framework: Literature Review and Building the Conceptual Framework	3



4.	Measuring Study Variables: Operational Definition of Study Variables and Creating the Data Collection Instrument Plenary Presentation II	3
5.	Research Designs: Specification of Study Design	3
6.	Sampling strategies: Planning for Sampling the Study Population	3
7.	Data Processing and Analysis: Planning for Data Processing and Analysis	3
8.	Budget and Timeline: Setting the Budget Schedule and Timeline Plenary Presentation III	3
9.	Health Research Ethics: Ethical Considerations and Creating the Informed Consent Form	3
10.	Research Proposal: Writing the Research Proposal Plenary Presentation IV	3
Total		30

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quiz #1	5 th	5%
2.	Midterm Examination	8 th	25%
3.	Quiz #2	11 th	5%
4.	E learning activities	3 rd , 7 th , 12 th , 14 th	15%
5.	Final Examination	16 th	50%
Total			100%

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	<p>Guest, G.S. and Namey, E.E. (Editors) (2015). Public Health Research Methods. SAGE: Los Angeles. ISBN: 978-1452241333</p> <p>McClean, S., et al. (2020). Research Methods for Public Health. SAGE: Los Angeles.</p> <p>1. ISBN: 978-1526430014</p>
Supportive References	<p>Polgar, S & Thomas S. (2013). Introduction to Research in the Health Sciences, 6th Edition. Churchill Livingstone Elsevier: Edinburgh. ISBN: 978-0702041945</p> <p>Tolley, E.E., et al., (2016). Qualitative Methods in Public Health: A Field Guide for Applied Research, 2nd Edition. Jossey-Bass: San Francisco. ISBN: 9781118834671</p>





	WHO WPRO, (2001) Health Research Methodology: A Guide for Training in Research Methods , 2nd Edition. WHO: Manila. ISBN: 9789290611578
Electronic Materials	Chortle.ccsu.edu/java5/cs151java.html 1. Google, Altavista, Medline.
Other Learning Materials	1. Saudi digital library

2. Required Facilities and equipment

Items	Resources
facilities	<ul style="list-style-type: none"> Middle size classroom
Technology equipment	<ol style="list-style-type: none"> Multimedia projector Smart board
Other equipment	<ul style="list-style-type: none"> NA

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students, Faculty, Quality committee	Direct / indirect - Using well-structured questionnaire
Effectiveness of student's assessment	Faculty members Peer Reviewer	Direct / indirect - Continuous reviewing and course portfolio
Quality of learning resources	Faculty members Curriculum committee	Direct / indirect - Annual review course report
The extent to which CLOs have been achieved	Course coordinator	Direct / indirect

G. Specification Approval

COUNCIL /COMMITTEE	PH DEPARTMENT BOARD
REFERENCE NO.	
DATE	

