



A brief Course Description

Course Name	Environmental Epidemiology		
Course Code	EPI 302		
College	Health and Rehabilitation Sciences		
Department/ Program	Health Sciences /Epidemiology		
Year / Level:	3rd Year/Level 6		
Credit Hours	3(2,1,0)		
Contact Hours	Lecture: 2	Lab/Tutorial: 1	Training: 0
Language	English		
Track	Program t Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		
Course Objectives:	<p>This course will give students an introduction to environmental and occupational health.</p> <p>Students will learn basic concepts and will be introduced to the interplay between risk assessment, risk communication and risk perception in relation to environmental health</p>		



A brief Course Description

Course Name	Advanced Epidemiology and Biostatistics		
Course Code	EPI 310		
College	Health and Rehabilitation Sciences		
Department/ Program	Health Sciences /Epidemiology		
Year / Level:	3rd Year/Level 6		
Credit Hours	3(2,1,0)		
Contact Hours	Lecture: 2	Lab/Tutorial: 2	Training: 0
Language	English		
Track	Program Requirement		
Pre-requisites Course:	EPI 322		
Co-Requests:	None		
Course Objectives:	<p>The main purpose for this course is to enhance student ability to</p> <ul style="list-style-type: none"> •describe the main assumptions of linear regression models and in what scenarios they can be violated. •propose, adjust, interpret, and perform diagnostic checks of linear regression models. •describe the assumptions and uses of logistic and count data regression models and how these differ from linear regression models. 		



	<ul style="list-style-type: none"> •propose, adjust, interpret, and perform diagnostic checks of logistic and count data regression models. •propose, appropriately specify, adjust, and interpret results of non-parametric and semi-parametric models for survival data
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A brief Course Description

Course Name	Epidemiology of Vaccine-preventable Diseases		
Course Code	EPI 327		
College	Health and Rehabilitation Sciences		
Department/ Program	Health Sciences /Epidemiology		
Year / Level:	3rd Year/Level 6		
Credit Hours	3(2,1,0)		
Contact Hours	Lecture: 2	Lab/Tutorial: 2	Training: 0
Language	English		
Track	Program Requirement		
Pre-requisites Course:	EPI 325		
Co-Requests:	None		



Course Objectives:	This course will feature the most up-to-date immunization information and introduces the knowledge and skills required to understand the concept of diseases prevention using vaccination
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A brief Course Description

Course Name	Epidemiology of Non Communicable Diseases		
Course Code	EPI 328		
College	Health and Rehabilitation Sciences		
Department/ Program	Health Sciences /Epidemiology		
Year / Level:	3rd Year/Level 6		
Credit Hours	3(2,1,0)		
Contact Hours	Lecture: 2	Lab/Tutorial: 2	Training: 0
Language	English		
Track	Program Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		
Course Objectives:	This course aims to give the students the ability to: Describe the epidemiology of major non-communicable diseases, e.g. cardiovascular		



	<p>diseases, diabetes, cancer, in addition to accidents and mental diseases .</p> <ul style="list-style-type: none"> o Assess the influence of conventional risk factors of non-communicable diseases . o Evaluate the consequences of non-communicable diseases in the kingdom and worldwide. <p>Determine how to prevent and control the preventable risk factors underlying these non-communicable diseases.</p>
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A brief Course Description

Course Name	Field Epidemiology		
Course Code	EPI 350		
College	Health and Rehabilitation Sciences		
Department/ Program	Health Sciences /Epidemiology		
Year / Level:	3rd Year/Level 6		
Credit Hours	3(2,0,1)		
Contact Hours	Lecture: 2	Lab/Tutorial:0	Training: 4
Language	English		
Track	Program Requirement		
Pre-requisites Course:	EPI 325		
Co-Requests:	None		



Course Objectives:	<p>The course will enable students to:</p> <ul style="list-style-type: none">•Recognize basics and definitions in field epidemiology .•outline and interpret steps of outbreak investigation•establish a surveillance system
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A brief Course Description

Course Name	Health System Research		
Course Code	EPI 351		
College	Health and Rehabilitation Sciences		
Department/ Program	Health Sciences /Epidemiology		
Year / Level:	3rd Year/Level 6		
Credit Hours	3(2,0,1)		
Contact Hours	Lecture: 2	Lab/Tutorial: 0	Training: 4
Language	English		
Track	Program Requirement		
Pre-requisites Course:	None		
Co-Requests:	None		



Course Objectives:

This course will

- introduces the approaches to measuring the relevant structure, process, and outcome variables that can be used to address efficiency and equity issues in health care services delivery through emerging health services research tools and skills as well as implications for practice