

<p>٣(٢+١+٠)</p>	<p>مقدمة في صحة المجتمع والترويج الصحي Introduction to Public Health and Health Promotion</p>	<p>عصص ٢١١ DHS 211</p>
<p>المتطلب السابق: -</p>	<p>This course covers the main traditions, approaches, theories and concepts used within the field of Public Health and Health Promotion. Its aim is to provide students with the ability understand and apply these scientific traditions, approaches, theories and concepts within the field of public health and health promotion. The course also aims to provide students with ability to understand and discuss central public health and health promotion challenges in the modern world, including the Arab World.</p> <p>During this course the student will learn the basic concepts and tools to analyse, monitor and tackle health problems of communities, different settings and population groups, including issues such an inequity. The student will also learn the necessary intellectual and practical skills to search and appraise relevant scientific literature and other information for public health and health promotion.</p>	

<p>4(3+١+٠)</p>	<p>الترويج الصحي والتثقيف الصحي Health Promotion and Health Education</p>	<p>عصص ٢١٢ DHS 212</p>
<p>المتطلب السابق: -</p>	<p>This course covers the main principles, values and approaches of Health Promotion and Health Education. Its aim is to provide students with the intellectual understanding of and practical knowledge on these main principles, values and approaches.</p> <p>During this course the student will learn to select and apply basic theories and strategic tools that are relevant to describe analyse and plan specific health programs on population, community and small group (and individual) levels related to Health Promotion and Health Education. The student will also learn relevant conceptual approaches and challenges for health education such as communication and learning, persuasion and attitude change, role of mass communication, working with communities and different settings, and ethics.</p>	

4(3+1+0)	<p style="text-align: center;">البدن وصحة المجتمع Body and Public Health</p>	<p style="text-align: center;">عصص ٢١٣ DHS 213</p>
<p style="text-align: center;">المتطلب السابق: -</p>	<p>This course covers the fundamental anatomy and physiology of the human body. The aim of this course is to provide students with the ability to explain micro- and macroscopic structure and function of the human body and the mechanisms of homeostasis in order to understand the development and prevention of diseases. It further aims to provide student with the ability to explain the importance of inheritance and life style to health.</p>	

4(3+1+0)	<p style="text-align: center;">الإحصاء الحيوي Biostatistics</p>	<p style="text-align: center;">عصص ٢١٤ DHS 214</p>
<p style="text-align: center;">المتطلب السابق: -</p>	<p>This course covers the fundamental terms and methods used within biostatistics. Its aim is to provide students with the ability to select and apply basic statistical methods that are relevant to describe and analyse specific data related to Health Education and Promotion as to interpret and discuss these results. In this course the student gets familiar with standard terms and methods used within multiple statistics. In addition the student will learn to use the statistical computer package SPSS and to perform statistical analysis on an existing dataset using those methods learned.</p>	

4(3+1+0)	مؤشرات الصحة Determinants of Health	عصص ٢٢١ DHS 221
المتطلب السابق: عصص ٢١١ DHS 211	<p>This course covers the basic terms and models used within the field of determinants of human health. The aim is to provide the student with an understanding of the basic determinants of human health. This course also aim to provide the student with the ability to explain, discuss and/or apply basic health models that are relevant to describe and analyse specific health problems at hand.</p> <p>During this course the student learn to analyse health related models (e.g. The ecological model). In addition the student will learn to explain basic determinants of health and to discuss the influence of these basic determinants of health.</p>	

4(3+1+0)	علم الوبائيات Epidemiology	عصص 22٢ DHS 222
المتطلب السابق: عصص 213 DHS 213 عصص 214 DHS 214	<p>This course covers the basic epidemiological terminology and concepts, study designs and analytical approaches. Its aim is to provide students with the ability to use the basic terms and discuss the basic concepts used within epidemiology. This course also aim at providing the student with the ability to discuss, select and apply basic research designs and analytical approaches used within epidemiology in relation to specific health related problems.</p> <p>That the student acquires knowledge on standard terms, concepts and methods applied within the field of Epidemiology. Further this module enables students to evaluate and discuss epidemiological studies.</p>	

4(3+1+0)	<p style="text-align: center;">السلوك الصحي Health Behavior</p>	<p style="text-align: center;">عصص 223 DHS 223</p>
<p style="text-align: center;">المتطلب السابق: -</p>	<p>This course covers the basic terms and models used within the field of health Behaviour. The aim is to provide the student with a basic understanding of health Behaviour of humans and the ability to explain, discuss and/or apply models that are relevant to describe, analyze and influence health behavior. During this course the student will learn to communicate basic psychological models and theories explaining individual and group health behaviour. The student will also learn to apply these models and theories to influence health behaviour by health promotion programmes and interventions.</p>	

4(3+1+0)	<p style="text-align: center;">سياسات وأنظمة الرعاية الصحية Health Care System and Health Policies</p>	<p style="text-align: center;">عصص 2٢٤ DHS 224</p>
<p style="text-align: center;">المتطلب السابق: عصص 21٢ DHS 212</p>	<p>This course covers the basic terms and models used within the field of health care systems and health policies. The aim is to provide the student with a basic understanding of health care systems and health policies and the ability to explain and discuss different health care systems and the making, analysis and stakeholders of health policies. During the course the student will learn about different health care systems and their development, especially the Saudi Arabian Health Care System. The student will learn about public health policy, its making, its analysis and essential stakeholders, including their role, on public health policy on a national level.</p>	

<p>(0+1+3)4</p>	<p>نظرية العلوم Theory of Science</p>	<p>عصص 311 DHS 311</p>
<p>المتطلب السابق: عصص 222 DHS 222</p>	<p>This course covers the basic of science and ethics within the history of health in modernity. The aim is to provide the student with a basic understanding of health in a historical context and of science and ethics within the history of health in modernity. Enhance the student's knowledge and understanding of essential problems of scientific and ethical nature within the history of health in modernity.</p>	

<p>(0+1+3)4</p>	<p>طرق البحوث الكمية والنوعية Qualitative and Quantitative Methods</p>	<p>عصص 31٢ DHS 312</p>
<p>المتطلب السابق: عصص 214 DHS 214 عصص 222 DHS 222</p>	<p>This course covers the basic of qualitative and quantitative methods. The aim of this course is to enable the student to evaluate the quality of secondary data and to design research projects in her later studies. This course introduces the basic methodological terms, concepts and skills. During this course the student will learn to use these terms, concepts and skills when organising knowledge-based initiatives and addressing health related problems at hand.</p>	

4(3+1+0)	الصحة والتوزيع السكاني Population Health and Demography	عصص 313 DHS 313
المتطلب السابق: عصص 211 DHS 211 عصص 221 DHS 221	<p>This course covers the basic terms and methods used within population health and demography. Its aim is to provide students with the ability to identify, understand and discuss the methods and data sources used within population health research, including demography. The aim is further to provide students with the ability to interpret and discuss results shown from population health research.</p> <p>This course introduces the basic methodological terms, concepts and skills used and needed within the field of population health and demography. During this course the student will learn to use the standard terms and methods used within population health research, including demography. The student will also learn to explain population health research within the area of epidemiology and public health, to interpret and discuss population health analysis and to perform and discuss simple descriptive population health analysis.</p>	

4(3+1+0)	علم الاجتماع الصحي، تنظيم وتخطيط Health Sociology, Settings and Planning	عصص 314 DHS 314
المتطلب السابق: -	<p>This course covers Health Sociology, Settings and Planning. Its aim is to provide students with the ability to plan and conduct a health diagnose for a specific setting and develop strategic health diagnostic tools to be used in planning Health Education and Promotion programs. The Course equip students to demonstrate knowledge and understanding of classic and contemporary sociological debates in the Sociology of Health and Illness.</p> <p>In this module the student gets familiar with, how to produce a report including a description of the problem(s) at hand, the scientific method (-s) to be used, a review of relevant literature, analysis and a suggestion of possible solutions to the problem(s) at hand in form of an intervention proposal.</p>	

(4)(3+1+0)	علم الوبائيات والإحصاء الحيوي Advanced Epidemiology and Biostatistics	ويا ٣٢١ EPI 321
المتطلب السابق: عصص ٢١٤ DHS 214	<p>This course will continue and develop the elements introduced in the courses Biostatistics and Epidemiology. The course will include the following topics: Descriptive statistics, inferential data analysis, measures of disease frequency and association, epidemiological study designs including cross-sectional, case-control, cohort and randomized controlled studies, planning an epidemiological study, general linear regression with one and several explanatory variables including model assumptions- and control, interactions, discussion of how bias and confounding may influence study results and generalized linear models with focus on the binomial distribution. Exercises will be article reading, calculations and analyses done by use of SPSS.</p> <p>During this course the student learn to:</p> <ul style="list-style-type: none"> - Gain knowledge of standard terms and methods methods in epidemiology and biostatistics - Be able to interpret and discuss epidemiological results - Could describe how to control for confounding including regression analyses 	

(4)(3+1+0)	صحة البيئة Environmental health	عصص 322 DHS 322
المتطلب السابق: عصص 222 DHS 222	<p>This course covers environmental health. Its aim is to provide students with the ability to understand and discuss the basic environmentally related health risks and the most frequent environmental related diseases.</p> <p>During the course the student will achieve knowledge on risk factors related to the environment and the impact on the most frequently related diseases, involving the interrelations with lifestyle, social conditions and e.g. workplace conditions. They will achieve knowledge on basic toxicological characteristics of chemical substance, they will learn to explain the basic principles in risk assesment of environmental health risks and to explain epidemiological study designs and methods used in environmental health studies. Students will learn to read and understand scientific papers within environmental health issues</p>	

3(2+1+0)	علم الوبائيات والتخطيط الصحي Epidemiology in health planning	ويا ٣٢٣ EPI 323
<p>المتطلب السابق: عصص 313 DHS 313</p> <p>عصص 222 DHS 222</p>	<p>This course demonstrates how epidemiology can be used as the scientific basis for decision making and for developing health policies, and for monitoring health, globally and locally. The students will be presented for the use of different epidemiological measures in resource prioritization and planning, for measures of development in health and disease burden, and gain insight into different prevention strategies, for instance as how to target the population as a whole or to focus on high-risk groups. Finally, the course will give knowledge of the main health challenges in different parts of the world.</p> <p>Its aim is to provide students with the ability to use and discuss implications of relevant epidemiological measures, and to identify relevant target for prevention strategies.</p>	

4(3+1+0)	علم الوبائيات للأمراض الغير المعدية Epidemiology of Non-communicable diseases	ويا ٣٢٤ EPI 324
<p>المتطلب السابق: عصص 222 DHS 222</p>	<p>The course will describe the epidemiology and the consequences of non-communicable diseases including the following topics: The descriptive epidemiology of important non-communicable diseases with a focus on different and comparable patterns in developed and developing countries, the empirical evidence of the epidemiological transition, conventional risk factors of non-communicable diseases including behavioral and metabolic risk factors and social determinants of health, burden of non-communicable diseases including social, economic and individual dimensions and the consequences of non-communicable diseases for the individual and the community. The aim of the course is to give the students the ability to describe the development of the incidence, prevalence and mortality of major non-communicable diseases, assess the influence of conventional risk factors of non-communicable diseases both focusing on individual, social and structural factors, evaluate the consequences of non-communicable diseases both in developing and developed countries both with respect to the individual, the community and the nation.</p>	

<p>(+1+3)4</p>	<p>القيادة، الإدارة والتنظيم Organisation, Leadership and Management</p>	<p>عصص 411 DHS 411</p>
<p>المتطلب السابق: -</p>	<p>This course develops the ability to recognize and manage human and behavioral factors in different work settings. Topics includes, group dynamics, motivation, and an introduction to theory of organizational structure and leadership. The course focus on developing of management and leadership in different organisations.</p> <p>Objective is to enhance the student's ability to:</p> <ul style="list-style-type: none"> - Identify problems related to the organisation of work and the management of individuals, groups and entire organisations; - Distinguish problems according to their origin which may be at the individual level, the group - Apply concepts, theories and models used in the field of organisational behaviour and management to analyse relevant problems and devise interventions that may resolve the problems. 	

<p>(+1+3)4</p>	<p>علم الوبائيات الاجتماعي والسلوكي Social and behavioral epidemiology</p>	<p>ويا ٤١٢ EPI 412</p>
<p>المتطلب السابق: عصص 223 DHS 223</p>	<p>This course enhance the student's ability to identify and measure behavioural and social factors which influence the health of individuals and populations and to apply concepts, theories and models used in the field of behavioural and social epidemiology.</p> <p>In this course the student get familiar with the core areas of social and behavioural epidemiology. Students will learn to explain these concepts from a life-course perspective and based on an understanding of key concepts and theories to apply these in relation to major population health issue. Students will learn to read and extract relevant knowledge from scientific papers within behavioural and social epidemiology.</p>	

4(3+1+0)	<p style="text-align: center;">بحث تدخلي Epidemiology and intervention research</p>	<p style="text-align: center;">ويا ٤١٣ EPI 413</p>
<p style="text-align: center;">المتطلب السابق: ويا 321 EPI 321</p>	<p>This course demonstrates how epidemiological methods can be applied in the development and evaluation of Health Promotion and Health Education programmes. The students will be presented to the contribution of epidemiology to needs assessment, development of programme theory, and effect and process evaluation. The students will obtain knowledge of different effect evaluation designs and be able to reflect critically on their strengths and limitations.</p> <p>The aim is to provide students with the ability to describe how to use epidemiological methods for needs assessment, to distinguish between different effect evaluation designs and their strengths and limitations, to define and discuss potential bias in intervention research and to define and operationalize process evaluation measures.</p>	

4(3+1+0)	<p style="text-align: center;">إعداد مشروع التخرج Preparation of the Bachelor Project</p>	<p style="text-align: center;">عصص 414 DHS 414</p>
<p style="text-align: center;">المتطلب السابق: عصص 313 DHS 313</p> <p style="text-align: center;">عصص 314 DHS 314</p>	<p>The module should increase the student's knowledge and skills in preparing a scientific research question for a chosen problem, choosing different study methods, analysing their strengths and weaknesses, presenting research findings and how to produce a good scientific report.</p> <p>In this module the student gets familiar with, how to produce a report including develop a problem statement and a research question. Elaborate and discuss on methodological choices and measurement problems including causal relations and different opportunities in analysing and explain how to use theory in specific assignment work. Discuss different methods and discuss strengths and weaknesses of a chosen research design in connection to answer the problem statement.</p>	

5(4+1+0)	مراجعة الأدبيات Literature review	عصص 422 DHS 422
المتطلب السابق: -	<p>This last phase of the bachelor education will provide the student an opportunity to develop and practically apply the knowledge within health education and health promotion. The factual application of the scientific knowledge can take place in an organisation, network, unit or similar which has determined a topic for the student. The work has to meet the academic standards and cannot only consist of practical work. The topic has to have a connection to one or more of the modules of the Bachelor of Science Epidemiology at Princess Nora bint Abdulrahman University. This course aims to extend the students skills in conducting literature reviews by supporting them in an analysis of related research-based and conceptual papers.</p> <p>The objective for the modules of this semester is for the student to deliver a bachelor project, which fulfils the required academic standards. The bachelor project cannot only consist of practical work and the chosen theme must have a connection to one or several of the courses taught during the bachelor education. The objective of this course is to enhance the students ability to search and review literature related to their research area.</p>	

<p>(0+1+4)5</p>	<p>تحليل وإدارة البيانات Data management and analysis</p>	<p>عصص 423 DHS 423</p>
<p>المتطلب السابق: عصص 312 DHS 312</p>	<p>This last phase of the bachelor education will provide the student an opportunity to develop and practically apply the knowledge within health education and health promotion. The factual application of the scientific knowledge can take place in an organisation, network, unit or similar which has determined a topic for the student. The work has to meet the academic standards and cannot only consist of practical work. The topic has to have a connection to one or more of the modules of the Bachelor of Science in Epidemiology at Princess Nora bint Abdulrahman University. This course aims to extend the students skills in executing good data management and analyse a relevant dataset and/or conduct a proper literature review related to the design in connection to answer the problem statement.</p> <p>The objective for the modules of this semester is for the student to deliver a bachelor project, which fulfills the required academic standards. The bachelor project cannot only consist of practical work and the chosen theme must have a connection to one or several of the courses taught during the bachelor education. The objective of this course is to enhance the students ability to analyse a relevant dataset related to their research area.</p>	

<p>(0+1+4)5</p>	<p>الكتابة العلمية (مشروع التخرج) Scientific writing (bachelor thesis)</p>	<p>عصص 424 DHS 424</p>
<p>المتطلب السابق: عصص 414 DHS 414</p>	<p>This last phase of the bachelor education will provide the student an opportunity to develop and practically apply the knowledge within health education and health promotion. The factual application of the scientific knowledge can take place in an organisation, network, unit or similar which has determined a topic for the student. The work has to meet the academic standards and cannot only consist of practical work. The topic has to have a connection to one or more of the modules of the Bachelor of Science in Epidemiology at Princess Nora bint Abdulrahman University. The focus of this course is scientific language, style and layout. Through the writing of the bachelor projects, the students' will improve their skills in, and knowledge about, good scientific writing.</p> <p>The objective for the modules of this semester is for the student to deliver a bachelor project, which fulfills the required academic standards. The bachelor project cannot only consist of practical work and the chosen theme must have a connection to one or several of the courses taught during the bachelor education. The objective of this course is to enhance the students ability to write scientifically and structure an academic report.</p>	