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| **Overview of Public Health:** Address the history and philosophy of public health as well as its core values, concepts, and functions across the globe and in society | | | |
| **Public Health History** | | | |
| **PH 381 (Bruce)**  **PH 382 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | Describe and compare the history of community health to the current state of the nation’s health.  Explain the difference between personal health and community health.  List factors that influence personal health and a community’s health.  Explain how Healthy People 2020 goals and objectives can affect community health.  Identify environmental concerns and the impact of these concerns on human health.  1. Understand and define the terms health, community health, and public health.  2. Explain the difference between personal health and community health.  3. Provide information and list the organizations that contribute to the current health status of Americans.    Students will be able to define Epidemiology and describe its role in the foundation of Public Health.  Students will be able to define and illustrate the Levels of Prevention and the Natural History of Disease.  Students will demonstrate an understanding of Endemic Vs Endemic Disease and contrast various forms of disease classification.  Discuss the history , philosophy, and use of epidemiology | Lecture/group discussion Chapter 1  Lectures 1, 2, 3, 4: Community and Public Health: Yesterday, Today, and Tomorrow.  Organizations That Help Shape Community and Public Health.  Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases  and Health Conditions.  Activities: Quiz over lectures 1-4 and a discussion board activity on infectious disease.  Lecture; Videos  Lecture 1, definition and characteristics of epidemiology, history and development of epidemiology and public health  Lecture 2, use of public health and epidemiology, ethic and philosophy of public health and epidemiology  Epidemiologic and demographic transition (public health concept, global and societal function) | Written exam on history of public health, Healthy People 2020, definitions of community health/public health, personal verses community health, factors that affect health of community, environmental concerns  Quiz over lectures 1-4 and a discussion board activity on infectious disease.  Exams  Quiz and exam : history , and use of epidemiology, history, ethic issue |

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| **Public Health Philosophy** | | | |
| **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Xihua)** | Describe and compare the history of community health to the current state of the nation’s health.  Understand and define the terms health, community health, and public health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. Understand and define the terms health, community health, and public health.  2. Explain the difference between personal health and community health.  3. Provide information and list the organizations that contribute to the current health status of Americans.  Discuss the history , philosophy, and use of epidemiology | Lecture/group discussion Chapters 1, 2  Lectures 1, 2, 3, 4: Community and Public Health: Yesterday, Today, and Tomorrow.  Organizations That Help Shape Community and Public Health.  Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases  and Health Conditions.  Activities: Quiz over lectures 1-4 and a discussion board activity on infectious disease.    Discuss the history , philosophy, and use of epidemiology | Written exam on definitions of community and public health, core functions of public health, 10 essential public health services, organizations that contribute to public health  Quiz over lectures 1-4 and a discussion board activity on infectious disease.  Quiz and exam : history , and use of epidemiology, history, ethic issue |
| **Core PH Values** | | | |
| **PH 381 (Bruce)**  **PH 381 (Lartey)** | Describe and compare the history of community health to the current state of the nation’s health.  Understand and define the terms health, community health, and public health.  Explain the difference between personal health and community health.  Provide information and list the organizations that contribute to the current health status of Americans.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. Understand and define the terms health, community health, and public health.  2. Explain the difference between personal health and community health.  3. Provide information and list the organizations that contribute to the current health status of Americans. | Lecture/group discussion Chapters 1, 2  Lectures 1, 2, 3, 4: Community and Public Health: Yesterday, Today, and Tomorrow.  Organizations That Help Shape Community and Public Health.  Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases  and Health Conditions.  Activities: Quiz over lectures 1-4 and a discussion board activity on infectious disease. | Written exam on definitions of community and public health, core functions of public health, 10 essential public health services  Quiz over lectures 1-4 and a discussion board activity on infectious disease. |
| **Core PH Concepts** | | | |
| **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)** | Describe and compare the history of community health to the current state of the nation’s health.  Understand and define the terms health, community health, and public health.  Explain the difference between personal health and community health.  1. Explain and define the terms health, community health, and public health.  2. Explain the difference between personal health and community health.  3. Provide information and list the organizations that contribute to the current health status of Americans.  Students will be able to define Epidemiology and describe its role in the foundation of Public Health.  Students will demonstrate an understanding of Endemic Vs Endemic Disease and contrast various forms of disease classification. | Lecture/group discussion Chapters 1, 2  Lectures 1, 2, 3 & 4: Community and Public Health: Yesterday, Today, and Tomorrow.  Organizations That Help Shape Community and Public Health.  Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases  and Health Conditions.  Activities: Quiz over lectures 1-4 and a discussion board activity on infectious disease.  Lecture | Written exam on definitions of community and public health, core functions of public health, 10 essential public health services  Quiz over lectures 1-4 and a discussion board activity on infectious disease.  Exams |
| **Global Functions of Public Health** | | | |
| **PH 383 (Tom)**  **PH 381 (Bruce)**  **PH 381 (Lartey)** | Summarize, describe, and present aggregate data in a clear and organized manner  Understand and interpret data presented in aggregate forms such as graphs, figures, etc.;  Describe and compare the history of community health to the current state of the nation’s health.  Provide information and list the organizations that contribute to the current health status of Americans.  1. List factors that  influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems. | Lecture, Text reading  Lecture/group discussion Chapters 1, 2  Lectures 5 and 10: Community Organizing/Building and Health Promotion Programming.  Community and Public Health and Racial/Ethnic Populations.  Activities: Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community. | Homework, Exams  Written exam on international health agencies/WHO  Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community. |

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| **Societal Functions of Public Health** | | | |
| **PH 381 (Bruce)**  **PH 381 (Lartey)** | Describe and compare the history of community health to the current state of the nation’s health.  Explain the difference between personal health and community health.  Provide information and list the organizations that contribute to the current health status of Americans.  List factors that influence personal health and a community’s health.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems. | Lecture/group discussion Chapters 1, 2, 5, 6, 7, 8, 9  Lectures 5 and 10: Community Organizing/Building and Health Promotion Programming.  Community and Public Health and Racial/Ethnic Populations.  Activities: Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community. | Written exam on history of public health, community organizing, school health, maternal/infant/child health, adolescents, young adults, adults, elders  Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community. |
| **Role and Importance of Data in Public Health:** Address the basic concepts, methods, and tools of public health data collection, use, and analysis and why evidence-based approaches are an essential part of public health practice | | | |
| **Basic Concepts of Data Collection** | | | |
| **PH 383 (Tom)**  **PH 383 (Lartey)**  **PH 381 (Bruce)**  **PH 383 (Lartey)**  **PH 384 (Xihua)** | Summarize, describe, and present aggregate data in a clear and organized manner  Understand and interpret data presented in aggregate forms such as graphs, figures, etc.;  Differentiate between descriptive and inferential statistics  Form and test hypotheses  Describe and compare the history of community health to the current state of the nation’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. Explain and define the terms health, community health, and public health.  2. Explain the difference between personal health and community health.  3. Provide information and list the organizations that contribute to the current health status of Americans.  List sources of epidemiologic data and define related measures of morbidity and mortality. | Lecture, Text reading  Lectures 1-3, Levels of measurement, study designs, sampling techniques, hypotheses formulation activities  Lecture/group discussion Chapter 3  Lectures 1, 2, 3 & 4: Community and Public Health: Yesterday, Today, and Tomorrow.  Organizations That Help Shape Community and Public Health.  Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases and  Health Conditions.  Activities: Quiz over lectures 1-4 and a discussion board activity on infectious diseases.    Lecture 3&4, table and graphical presentation to epidemiology data using multiple examples. | Homework, Exams  Levels of measurement, study designs, sampling techniques, hypotheses formulation assignments and exams  Written exam on epidemiological studies/descriptive and analytic  Quiz over lectures 1-4 and a discussion board activity on infectious disease.  Quiz and Exam: be able to estimate incidence and prevalence based on provided data information. |

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| **Basic Concepts of Data Collection** | | | |
| **PH 383 (Tom)**  **PH 383 (Lartey)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Xihua)** | Summarize, describe, and present aggregate data in a clear and organized manner  Understand and interpret data presented in aggregate forms such as graphs, figures, etc.;  Differentiate between descriptive and inferential statistics  Form and test hypotheses  Describe and present data appropriately  Compute and interpret basic statistics appropriately  Describe and compare the history of community health to the current state of the nation’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. Explain and define the terms health, community health, and public health.  2. Explain the difference between personal health and community health.  3. Provide information and list the organizations that contribute to the current health status of Americans.  List sources of epidemiologic data and define related measures of morbidity and mortality. | Lecture, Text reading  Lectures 1-5, Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of central tendency and variability activities  Lecture/group discussion Chapter 3  Lectures 1, 2, 3 & 4: Community and Public Health: Yesterday, Today, and Tomorrow.  Organizations That Help Shape Community and Public Health.  Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases and  Health Conditions.  Activities: Quiz over lectures 1-4 and a discussion board activity on infectious diseases, data collection methods.  Lecture 3&4, table and graphical presentation to epidemiology data using multiple examples. | Homework, Exams  Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of tendency and variability assignments and exams  Written exam on incidence, prevalence, and attack rates, mortality/morbidity rates, crude and age-adjusted, specific rates  Quiz over lectures 1-4 and a discussion board activity on infectious diseases and data collection methods.  Quiz and Exam: be able to estimate incidence and prevalence based on provided data information. |

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| **Basic Tools of Data Collection** | | | |
| **PH 384 (Xihua)** | List sources of epidemiologic data and define related measures of morbidity and mortality. | Lecture 3&4, table and graphical presentation to epidemiology data using multiple examples. | Quiz and Exam: be able to estimate incidence and prevalence based on provided data information. |
| Data Usage  **PH 383 (Tom)**  **PH 383 (Lartey)**  **PH 381 (Bruce)**  **PHb381 (Lartey)**  **PH 384 (Xihua)** | Understand and interpret data presented in aggregate forms such as graphs, figures, etc.;  Interpret transformations of raw scores such as Z scores, T scores, percentiles, etc;  Appreciate the difference between Descriptive Statistics and Inferential Statistics.  Differentiate between descriptive and inferential statistics  Form and test hypotheses  Describe and present data appropriately  Compute and interpret basic statistics appropriately  Describe and compare the history of community health to the current state of the nation’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. Explain and define the terms health, community health, and public health.  2. Explain the difference between personal health and community health.  3. Provide information and list the organizations that contribute to the current health status of Americans.  List sources of epidemiologic data and define related measures of morbidity and mortality. | Lecture, Text reading  Lectures 1-13, Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of central tendency and variability, inferential statistics activities  Lecture/group discussion Chapter 3  Lectures 1, 2, 3 & 4: Community and Public Health: Yesterday, Today, and Tomorrow.  Organizations That Help Shape Community and Public Health.  Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases and  Health Conditions.  Activities: Quiz over lectures 1-4 and a discussion board activity on infectious diseases, data collection methods.  Lecture 3&4, table and graphical presentation to epidemiology data using multiple examples. | Homework, Exams  Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of tendency and variability assignments and exams  Written exam on definition of epidemiology, epidemics, Importance of rates, standardized measurements of health/mortality, morbidity, YPLL statistics  Quiz over lectures 1-4 and a discussion board activity on infectious diseases and data collection methods.  Quiz and Exam: be able to estimate incidence and prevalence based on provided data information. |
| **Data Analysis** | | | |
| **PH 383 (Tom)**  **PH 383 (Lartey)**  **PH 381 (Bruce)**  **PH 384 (Tom)** | Summarize, describe, and present aggregate data in a clear and organized manner;  Understand and interpret data presented in aggregate forms such as graphs, figures, etc.;  Interpret transformations of raw scores such as Z scores, T scores, percentiles, etc;  Appreciate the difference between Descriptive Statistics and Inferential Statistics  Differentiate between descriptive and inferential statistics  Form and test hypotheses  Describe and present data appropriately  Compute and interpret basic statistics appropriately  Describe and compare the history of community health to the current state of the nation’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to describe disease rates.  Students will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data. | Lecture, Text reading  Lectures 1-13, Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of central tendency and variability, inferential statistics activities  Lecture/group discussion Chapter 3  Lecture | Homework, Exams  Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of tendency and variability assignments and exams  Written exam on sources of data, epidemiological studies  Exams |
| **Evidence-based Approaches** | | | |
| **PH 384 (Xihua)** | Define the term *evidence-based public health* and discuss its applications. | In class activity: conduct survey in class about the research question that whether the preference of pet is associated with gender. Collect the gender and preference of pet information  in class, counting and graphical presenting the data  Lecture 5&6 , list national or worldwide source of data, and discuss how the data were collected;  In class exercise: show students to use and analyze public available data by comparing mortality rate in Los Angeles country with the mortality rate in California state | In class activity: data collection and analysis |

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| **Identifying and Addressing Population Health Challenges:** Address the concepts of population health, and the basic processes, approaches, and interventions that identify and address the major health-related needs and concerns of populations | | | |
| **Population Health Concepts** | | | |
| **PH 100 (Watkins)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | 1. List and discuss the concepts of all dimensions of health and the acquired knowledge of the science of health.  Describe and compare the history of community health to the current state of the nation’s health.  Understand and define the terms health, community health, and public health.  Explain the difference between personal health and community health.  Explain how Healthy People 2020 goals and objectives can affect community health.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to define Epidemiology and describe its role in the foundation of Public Health.  Students will demonstrate an understanding of Endemic Vs Endemic Disease and contrast various forms of disease classification.  Discuss the history, philosophy, and uses of epidemiology. | PowerPoints Comprehensive Health Assessment  Longevity Quiz  Review Mayo Clinic  Review Tobacco Free U  Lecture/group discussion Chapters 1, 3  Lectures 5 and 10: Community Organizing/Building and Health Promotion Programming.  Community and Public Health and Racial/Ethnic Populations.  Activities: Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community.  Lecture  Lecture 1, definition and characteristic of epidemiology and public health | Exam # 1 Definition of health, health promotion and collective empowerment.  Web Activity #1 Discuss awareness of behaviors and how they can influence health outcomes.  Written exam on definitions of community, public, population health, epidemiology/epidemiological studies, Health People 2020  Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community.  Exams  Quiz: characteristics of epidemiology |

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| **Introduction to Processes and Approaches to Identify Needs and Concerns of Populations** | | | |
| **PH 383 (Tom)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | Summarize, describe, and present aggregate data in a clear and organized manner;  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data.  Define the term *descriptive epidemiology* and describe the applications of descriptive epidemiology to the health of populations  Define the term *analytic epidemiology* and differentiate among the various types of analytic research study designs. | Lecture, Text reading  Lecture/group discussion Chapters 3, 5  Lectures 5 and 10: Community Organizing/Building and Health Promotion Programming.  Community and Public Health and Racial/Ethnic Populations.  Activities: Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community.  Lecture  Chapter 4 introduce descriptive epidemiology: case study, case series and cross-sectional study and how to use them to identify needs and concern and generate hypotheses based on these approaches | Homework, Exams  Written exam on definition of epidemiology, data sources, epidemiological studies, measurements of health status of populations, needs assessment of priority population, needs assessment, develop a health promotion program. Group health promotion program written paper and presentation  Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community.  Exams  Quiz and exam: descriptive epidemiology  In class discussion: generation of hypothesis |

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| **Introduction to Approaches and Interventions to Address Needs and Concerns of Populations** | | | |
| **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to define and illustrate the Levels of Prevention and the Natural History of Disease.  Define the term *descriptive epidemiology* and describe the applications of descriptive epidemiology to the health of populations | Lecture/group discussion Chapters 4, 5  Lectures 5 and 10: Community Organizing/Building and Health Promotion Programming.  Community and Public Health and Racial/Ethnic Populations.  Activities: Quiz over lecture 5 & 10.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community.  Lecture  Chapter 4: descriptive epidemiology cross-sectional study: breastfeeding  Case study: Health people 2010 | Written exam on prioritizing prevention and control efforts, prevention/control/eradication of disease, levels of prevention, community organization, needs assessment, develop a health promotion program. Group health promotion written paper and presentation  Written exam on prioritizing prevention and control efforts, prevention/control/eradication of disease, levels of prevention, community organization, needs assessment, develop a health promotion program. Group health promotion written paper and presentation  Exams  In class discussion : Health people 2010 about approaches and interventions for reaching goals for health people 2010 |

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| **Human Health:** Address the underlying science of human health and disease including opportunities for promoting and protecting health across the life course | | | |
| **Science of Human Health and Disease** | | | |
| **PH 100 (Kim)**  **PH 100 (Lartey)**  **PH 100 (Macy)**  **PH 100 (Watkins)**  **PH 100 (Bruce)**  **PH 385 (Britt)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | 1 List and discuss the concepts of all dimensions of health and acquire knowledge of the science of health  2. Describe how personal health behaviors affect his/her current and future health status.  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Discuss how personal health behaviors and habits affect his /her current and future health status.  Identify current health and safety issues that are especially related to college students  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Examine how personal lifestyles contribute positively and negatively to one’s personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  Design a personal health plan  Understand basic concepts of ecology and human's role in altering their ecosystem.  Recognize environmental factors that are related to communicable and non-communicable diseases, as well as injuries and other physical disabilities.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. Explain and define the terms health, community health, and public health.  2. Explain the difference between personal health and community health.  Students will be able to define Epidemiology and describe its role in the foundation of Public Health.  State what is meant by the terms *association* and *causation*.  Analyze epidemiological study designs: calculate odds ratios and relative risks. | Lecture : chapter1  Discuss the concept of holistic health (multidimensional) and wellness  Chapters 1-16  Completion of Comprehensive Health Assessment  Discuss risk factors of diseases (cancers, heart diseases, infectious diseases…)  Lecture 1: Shaping your life.  Activities: Comprehensive health assessment, Longevity quiz.  Lectures: Introduction to Personal Health, Shaping Your Health Class 1  Activity: Comprehensive Health Assessment  Activity: Personal Risk Assessment  PowerPoints  Comprehensive Health Assessment  Personal Wellness Project  Longevity Quiz  Fitness IQ Test  Rate Your Restaurant Diet Quiz  Review Mayo Clinic  Alcohol Quiz  Review Tobacco Free U  Take Heart Assessment  Take the Fruit & Vegetable Calculator?  Take Are you a skilled Health Care Consumer?  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  PowerPoints  Comprehensive Health Assessment  Fitness IQ Test  Alcohol Quiz  Review Tobacco Free U  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  Lecture/group discussion Chapters 2, 3, 6, 7, 8, 9, 10, 11, 15, 16  Chapter & Lecture notes on Vector-Borne Diseases  Lecture/group discussion Chapter 4  Lectures 3 and 4: Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases and Health  Conditions.  Activities: Quiz and exam over lecture 3 and 4: Rates, prevalence, incidence, study types, acute, chronic & communicable diseases.  Lecture  Chapter 5: association and causality  Chapter 6 : analytic epidemiology : type of study designs | Dimensions of health will be tested  Each section’s score will be calculated and then the total score for CHA will be interpreted and identified for low score areas  Risk factors need to be explained on tests.  Comprehensive health assessment, longevity quiz, chronic and infectious disease risk assessments  Activity: Comprehensive Health Assessment  Activity: Personal Risk Assessment assessing individual risk for skin, breast, and cervical (female only) cancer along with responses to findings  Web Activity #1 Discuss awareness of behaviors and how they can influence health outcomes.  Exam # 1 Maslow’s Hierarch of Needs  What is stress and fight or flight  Web Activity # 2 Basic Concepts of Physical fitness  Web Activity # 3 Understanding Nutrition and your diet and maintaining a healthy weight  Exam # 2 Know rates of overweight and obesity adult Americans.  What are nutrients? Know the five components of physical fitness.  Written exam on defining psychological health and disorders, mind/body connection, effects and sources of stress, eating disorders, causes of obesity, addictions, tobacco/alcohol/drug related health problems, chronic and communicable disease concerns, chain of infection, causes of injuries, personal , community, and global environment effects on health. Written activity assignments on stressors for college students, smoke-free ordinances, illegal drug street names, pregnancy prevention, ST I risk reduction, motor vehicle safety  Examination questions on vector-borne diseases  Written exam on classification of diseases and conditions, chain of infection, communicable disease model, communicable and non-communicable diseases  Quiz and exam over lecture 3 and 4: Rates, prevalence, incidence, study types, acute, chronic & communicable diseases  Exams  Quiz and exam: causation, association |

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| **Health Promotion** | | | |
| **PH 100 (Kim)**  **PH 100 (Lartey)**  **PH 100 (Macy)**  **PH 100 (Watkins)**  **PH 100 (Bruce)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)** | 2. Describe how personal health behaviors affect his/her current and future health status.  4.demonstrate skills necessary to make healthful choices and informed decisions for personal health  3. Identify current health issues and problems that are especially related to college students.  1. Describe how personal health behaviors affect his/her current and future health status.  2. Investigate the role that heredity plays in one’s health status.  3. Discuss how personal lifestyles contribute positively and negatively to one’s personal health.  Describe how personal health behaviors affect his/her current and future health status.  Discuss how personal health behaviors and habits affect his /her current and future health status.  Identify current health and safety issues that are especially related to college students.  Demonstrate skills necessary to make healthful choices and informed decisions for personal health.  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Examine how personal lifestyles contribute positively and negatively to one’s personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to define and illustrate the Levels of Prevention and the Natural History of Disease. | Health Behavior Change Project: Step 3- students need to explain the strategies and plans (how) to make change or improvement.  Lecture : chapter 5  Explain nutrition facts  Lecture: chapter 13  Discuss contraceptive methods  Lecture : chapter1-16  Discuss prevention of various health problems  Lectures 1-16  Activities: Comprehensive risk assessment, longevity quiz, smoking calculator, secondhand smoke video  Lectures: Introduction to Personal Health/Shaping Your Health Chapter 1, Achieving Psychological Health Chapter 2, Managing Stress Chapter 3, Understanding Nutrition and your Diet Chapter 5  Activity: Movie Clips Challenge to Identify Mental Health Issues  Activity: Discussion Board  PowerPoints  Comprehensive Health Assessment  Personal Wellness Project  Longevity Quiz  Fitness IQ Test  Rate Your Restaurant Diet Quiz  Review Mayo Clinic  Alcohol Quiz  Review Tobacco Free U  Take Heart Assessment  Take the Fruit & Vegetable Calculator?  Take Are you a skilled Health Care Consumer?  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  PowerPoints  Comprehensive Health Assessment  Fitness IQ Test  Alcohol Quiz  Review Tobacco Free U  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  PowerPoints  Comprehensive Health Assessment  Personal Wellness Project  Longevity Quiz  Fitness IQ Test  Rate Your Restaurant Diet Quiz  Review Mayo Clinic  Alcohol Quiz  Review Tobacco Free U  Take Heart Assessment  Take the Fruit & Vegetable Calculator?  Take Are you a skilled Health Care Consumer?  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  Lecture/group discussion Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 15, 16  Lecture/group discussion Chapters 2, 4, 5  Lectures 6-14: The School Health Program: A Component of Community and Public Health. Maternal, Infant and Child Health. Adolescents, Young Adults and Adults. Elders. Mental Health. Alcohol, Tobacco and other drugs. Community and Public Health and the Environment.  Activities: Quizzes and exams on the concepts of community and public health, Maternal, Infant and Child Health. Adolescents, Young Adults and Adults. Elders. Mental Health. Alcohol, Tobacco and other drugs. Community and Public Health and the Environment.  Lecture | Written assignment on feasible, practical, and detailed plans and strategies  Analysis of student’s favorite snack  Choices of a best contraceptive method depending on different scenarios  Short answer questions about preventions on tests  Comprehensive health assessment, longevity quiz, chronic and infectious disease risk assessments, Exams  Activity: Comprehensive Health Assessment  Activity: Movie Clips Challenge to Identify Mental Health Issues  Activity: Discussion Board  “Last week, while studying Chapter 3, you explored the impact of stress on daily living.  For the challenge this week, please identify 10 areas of stress in your life (remember, to list both positive and negative stressors).  Then, list 5 strategies you could incorporate in your life to reduce the stress in these areas.  What are the best solutions you have used to reduce stress in your life? “  Web Activity # 7 Determine how to make healthy decisions about drug and alcohol use.  Exam # 3 What is process addictions? Know major classes of psychoactive drugs. Lists and describe the combination drug effects.  Web Activity # 8 Rejecting tobacco use. Discuss the statistics for cigarette smoking among college students.  Exam # 4 Define infectious disease transmission: Pathogen, epidemic and pandemic.  Name stages of infection.  Discuss the importance of immunizations.  Web Activity # 5 Discuss the psychosocial bases of human sexuality.  Written exam on individual/group health promotion efforts, understanding behavior change, keys to good psychological health, stress management, developing a physical fitness program, nutrition/health diet/tools/food safety, weight management strategies, responsible drinking, addictions/treatment, alcohol/tobacco/drug use prevention, smoking cessation options, chronic and communicable disease prevention/risk reduction/management, immune system, fertility management, STI risk reduction, injury prevention, personal behavior and the environment, conservation of natural resources. Written individual student Health Behavior Project demonstrates importance/challenges of planned behavior change  Written exam on difference of health promotion and health education, health promotion programming, organizations contributing to public health and health promotion, school health, maternal /infant/child health, adolescent/young adult/adult health, elder health. Group health promotion written paper and presentation  Quizzes on the concepts of community and public health, Maternal, Infant and Child Health. Adolescents, Young Adults and Adults. Elders. Mental Health. Alcohol, Tobacco and other drugs. Community and Public Health and the Environment.  Exams |
| Health Protection  **PH 100 (Kim)**  **PH 100 (Lartey)**  **PH 100 (Macy)**  **PH 100 (Watkins)**  **PH 100 (Bruce)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)** | 3. Identify current health issues and problems that are especially related to college students.  1. Describe how personal health behaviors affect his/her current and future health status.  Describe how personal health behaviors affect his/her current and future health status.  Discuss how personal health behaviors and habits affect his /her current and future health status.  Identify current health and safety issues that are especially related to college students.  Demonstrate skills necessary to make healthful choices and informed decisions for personal health.  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Examine how personal lifestyles contribute positively and negatively to one’s personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  Provide information and list the organizations that contribute to the current health status of Americans.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  Describe the organizational structure of local, state, and national health organizations.  Identify environmental concerns and the impact of these concerns on human health.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to define and illustrate the Levels of Prevention and the Natural History of Disease. | Presentation: chapter 15  A guest speaker from Counseling and Testing Center to discuss sexual assaults and healthy and unhealthy relationships  Lecture: chapter 7.  Discuss responsible drinking  Lecture : chapter 11  Discuss safer sex practices  Lecture: Chapter 15  Activities: Comprehensive health assessment, protecting your safety assessment, residence safety features activity. Health behavior project (students select a health behavior to improve on in 10-12 weeks. They write a journal each week of their progress and a reflection at the end of the project period detailing their successes and challenges).  Lectures: Preventing Injuries Chapter 15  Activity: Comprehensive Health Assessment  PowerPoints  Comprehensive Health Assessment  Personal Wellness Project  Longevity Quiz  Fitness IQ Test  Rate Your Restaurant Diet Quiz  Review Mayo Clinic  Alcohol Quiz  Review Tobacco Free U  Take Heart Assessment  Take the Fruit & Vegetable Calculator?  Take Are you a skilled Health Care Consumer?  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  PowerPoints  Comprehensive Health Assessment  Fitness IQ Test  Alcohol Quiz  Review Tobacco Free U  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  Lecture/group discussion Chapters 4, 5, 6, 7, 8, 11, 14, 15,16  Lecture/group discussion Chapters 2, 4, 14, 15, 16  Lectures 15 and 16: Injuries as a Community and Public Health Problem. Safety and Health in the Workplace.  Activities: Quiz and exams on types, causes and epidemiology of injuries, prevention methods, prevalence of occupational injuries, diseases and death.  Discussion on risk factors for workplace violence.  Lecture | Written response paper (most important information acquired, comments, and thoughts) on the presentation  Alcohol quiz  Short answer questions on safer sex practices  Comprehensive health assessment, protecting your safety assessment; safe cycling quiz. Identification of safety features present and absent in one’s residence. Health behavior project.  Activity: Comprehensive Health Assessment  Web Activity # 7 Determine how to make healthy decisions about drug and alcohol use.  Exam # 3 What is process addictions? Know major classes of psychoactive drugs. Lists and describe the combination drug effects.  Web Activity # 8 Rejecting tobacco use. Discuss the statistics for cigarette smoking among college students.  Exam # 4 Define infectious disease transmission: Pathogen, epidemic and pandemic.  Name stages of infection.  Discuss the importance of immunizations.  Web Activity # 5 Discuss the psychosocial bases of human sexuality  Written exam on developing a personal fitness program, appropriate healthy diet resources, food safety, alcohol/drug testing/DUI, importance of smoke free environment, immunizations, communicable disease prevention, be an informed health care consumer, injury and environmental prevention and control efforts  Written exam on organizations contributing to public health, prevention and control efforts, environmental health, injuries, and workplace issues  Quiz and exams on types, causes and epidemiology of injuries, prevention methods, prevalence of occupational injuries, diseases and death.  Discussion on risk factors for workplace violence.  Exams |

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| **Determinants of Health:** Address the socio-economic, behavioral, biological, environmental, and other factors that impact human health and contribute to health disparities | | | |
| **Socio-economic Impacts on Human Health and Health Disparities** | | | |
| **PH 100 (Kim)**  **PH 100 (Bruce)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | 2. Describe how personal health behaviors affect his/her current and future health status.  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Examine how personal lifestyles contribute positively and negatively to one’s personal health.  Describe and compare the history of community health to the current state of the nation’s health.  List factors that influence personal health and a community’s health.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to define Epidemiology and describe its role in the foundation of Public Health.  Students will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data.  Students will define models of disease with emphasis on multiple causation.  Describe applications of infectious disease outbreak investigation, social and behavioral phenomena, and special topics including work and the environment. | Watch documentary video –A Hidden America: Children of the Mountain  Lecture/group discussion Chapters 6, 13, 14, 15, 16  Lecture/group discussion Chapters 1, 7, 9, 13  Lectures 7, 9, 10, 13, 15 16: Maternal, Infant and Child Health, Elders, Community and Public Health and Racial/Ethnic Populations, mental health, Injuries as a Community and Public Health Problem, Safety and Health in the Workplace.  Lecture  Chapter 9 : social and behavior epidemiology | Written comments focusing on health aspects of the document  Written exam on family, social and cultural factors influence on obesity, pregnancy prevention, access to information/ health care,  environmental pollution, intentional injuries  Written exam on socio-economic and cultural factors that affect health, health disparities definition, maternal/infant/child health and elder issues, access to health care  Quiz and exam on Maternal, Infant and Child Health, Elders, Community and Public Health and Racial/Ethnic Populations, mental health, Injuries as a Community and Public Health Problem, Safety and Health in the Workplace. Discussion on risk factors for workplace violence.  Exams  Quiz and exam: chronical strain, stress  Quiz and exam: Behavior epidemiology ; negative and positive life event |

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| **Behavioral Factors Impacts on Human Health and Health Disparities** | | | |
| **PH 100 (Kim)**  **PH 100 (Lartey)**  **PH 100 (Macy)**  **PH 100 (Watkins)**  **PH 100 (Bruce)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | 2. Describe how personal health behaviors affect his/her current and future health status.  1. Describe how personal health behaviors affect his/her current and future health status.  2. Investigate the role that heredity plays in one’s health status.  Describe how personal health behaviors affect his/her current and future health status.  Discuss how personal lifestyles contribute positively and negatively to one’s personal health.  Discuss how personal health behaviors and habits affect his /her current and future health status.  Demonstrate skills necessary to make healthful choices and informed decisions for personal health.  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Examine how personal lifestyles contribute positively and negatively to one’s personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  Describe and compare the history of community health to the current state of the nation’s health.  Explain the difference between personal health and community health.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  Identify environmental concerns and the impact of these concerns on human health.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to define Epidemiology and describe its role in the foundation of Public Health.  Students will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data.  Students will define models of disease with emphasis on multiple causation.  Describe applications of infectious disease outbreak investigation, social and behavioral phenomena, and special topics including work and the environment. | Health Behavior Change Project: Step 1 -Explain why the particular aspect of health is a concern. Step 2- If a change or an improvement is not made, what might be the consequences (need to do some research to get the information about the consequences)?  Attending an AA meeting OR  Basic fitness assessment  PowerPoints Comprehensive Health Assessment  Longevity Quiz  Review Mayo Clinic  Review Tobacco Free U  Lecture 1: Shaping your life.  Activities: Comprehensive health assessment, Longevity quiz. Health behavior project (students select a health behavior to improve on in 10-12 weeks. They write a journal each week of their progress and a reflection at the end of the project period detailing their successes and challenges).  Lectures: Becoming Physically Fit Chapter 4, Maintaining a Healthy Weight Chapter 6, Enhancing Your Cardiovascular health Chapter 9, Making Decisions About Drug and Alcohol Use Chapter 7, Rejecting Tobacco Use Chapter 8, Preventing Infectious Diseases Chapter 11  PowerPoints  Comprehensive Health Assessment  Personal Wellness Project  Longevity Quiz  Fitness IQ Test  Rate Your Restaurant Diet Quiz  Review Mayo Clinic  Alcohol Quiz  Review Tobacco Free U  Take Heart Assessment  Take the Fruit & Vegetable Calculator?  Take Are you a skilled Health Care Consumer?  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  PowerPoints  Comprehensive Health Assessment  Personal Wellness Project  Longevity Quiz  Fitness IQ Test  Rate Your Restaurant Diet Quiz  Review Mayo Clinic  Alcohol Quiz  Review Tobacco Free U  Take Heart Assessment  Take the Fruit & Vegetable Calculator?  Take Are you a skilled Health Care Consumer?  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  Lecture/group discussion Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16  Lecture/group discussion Chapters 1, 4, 7, 8, 9, 14, 15, 16  Lectures 7 & 8: Maternal, Infant and Child Health. Adolescents, Young Adults and Adults.  Activities: Quiz and exams on reproductive and maternal health, prenatal and infant health, health behaviors of high school and college students.  Lecture  Chapter 9 : social and behavior epidemiology | Written assignment identifying unhealthy behavior and explain consequences if not changed  Written paper of what a student experienced in the meeting  Written paper about areas student ranked low or poor and how they can improve those areas  Comprehensive health assessment, longevity quiz, chronic and infectious disease risk assessments. Health behavior project.  Exam 2  Web Activity #1 Discuss awareness of behaviors and how they can influence health outcomes.  Exam # 1 Maslow’s Hierarch of Needs  What is stress and fight or flight  Web Activity # 2 Basic Concepts of Physical fitness  Web Activity # 3 Understanding Nutrition and your diet and maintaining a healthy weight  Exam # 2 Know rates of overweight and obesity adult Americans.  What are nutrients? Know the five components of physical fitness.  Written exam on approaches to health care, behavior change, dimensions of health, keys to psychological health, mind/body connection, stress management, developing physical fitness program, nutrition/healthy diet, body weight and wellness, prevention/use of/treatment of alcohol, drugs, and tobacco, chronic and communicable disease prevention/early detection, managing fertility, being an informed health care consumer, prevention/reducing risks for injuries, conservation of natural resources  Written exam on behavior factors that affect health, communicable/non-communicable diseases, maternal/infant/child, adolescent/young adult/adult, and elder health, human behavior impact on environment, injury prevention, workplace safety  Quiz and exams on reproductive and maternal health, prenatal and infant health, health behaviors of high school and college student  Exams  Quiz and exam: chronical strain, stress  Quiz and exam: Behavior epidemiology ; negative and positive life event |

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| **Biological Factors Impacts on Human Health and Health Disparities** | | | |
| **PH 100 (Watkins)**  **PH 100 (Bruce)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | List and discuss the concepts of all dimensions of health and the acquired knowledge of the science of health.  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Examine how personal lifestyles contribute positively and negatively to one’s personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  Describe and compare the history of community health to the current state of the nation’s health.  Explain the difference between personal health and community health.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  Identify environmental concerns and the impact of these concerns on human health.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to define Epidemiology and describe its role in the foundation of Public Health.  Students will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data.  Students will define models of disease with emphasis on multiple causation.  Describe applications of infectious disease outbreak investigation, social and behavioral phenomena, and special topics including work and the environment. | PowerPoints Comprehensive Health Assessment  Longevity Quiz  Review Mayo Clinic  Review Tobacco Free U  Lecture/group discussion Chapters 6, 7, 9, 10  Lecture/group discussion Chapters 1, 4, 7, 8, 9, 14  Lectures 7 & 8: Maternal, Infant and Child Health. Adolescents, Young Adults and Adults.  Activities: Quiz and exams on reproductive and maternal health, prenatal and infant health, health behaviors of high school and college students.  Lecture  Chapter 9 : social and behavior epidemiology | Web Activity on Tobacco use.  Written exam on weight and body composition, addiction, chronic disease risks  Written exam on biological factors that affect health, communicable/non-communicable diseases, maternal/infant/child, adolescent/young adult/adult, and elder health, environmental impact  Quiz and exams on reproductive and maternal health, prenatal and infant health, health behaviors of high school and college students.  Exams  Quiz and exam: chronical strain, stress  Quiz and exam: Behavior epidemiology ; negative and positive life event |

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| **Environmental Factors Impacts on Human Health and Health Disparities** | | | |
| **PH 100 (Kim)**  **PH 100 (Lartey)**  **PH 100 (Macy)**  **PH 100 (Watkins)**  **PH 100 (Bruce)**  **PH 385 (Britt)**  **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Tom)**  **PH 384 (Xihua)** | 2. Describe how personal health behaviors affect his/her current and future health status.  3. Identify current health issues and problems  1. Demonstrate skills necessary to make healthful choices and informed decisions for personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  Identify current health and safety issues that are especially related to college students.  Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Examine how personal lifestyles contribute positively and negatively to one’s personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  Recognize environmental factors that are related to communicable and non-communicable diseases, as well as injuries and other physical disabilities.  Describe and compare the history of community health to the current state of the nation’s health.  Explain the difference between personal health and community health.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  Identify environmental concerns and the impact of these concerns on human health.  1. Identify environmental concerns and the impact of these concerns on human health.  Students will be able to define Epidemiology and describe its role in the foundation of Public Health.  Students will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data.  Students will define models of disease with emphasis on multiple causation.  Describe applications of infectious disease outbreak investigation, social and behavioral phenomena, and special topics including work and the environment. | Watch video-Weight of the Nation  Lecture: Chapter 16 – The Environment and your Health. Activities: Are you an Environmentalist assessment, Carbon Footprint Quiz.  Lecture: The Environment and Your Health  Assignment: Carbon Footprint  PowerPoints  Comprehensive Health Assessment  Fitness IQ Test  Alcohol Quiz  Review Tobacco Free U  Take Sexual Attitude Assessment  Take Birth Control Method Assessment  Take the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about  Organ Donor  Lecture/group discussion Chapters 1, 3, 5, 6, 7, 8, 15, 16  Chapter & Lecture notes on the Environment at Risk  -Discussions on impact of diseases on environmental health  Lecture/group discussion Chapters 1, 4, 6, 7, 8, 9, 14, 15, 16  Lecture 14: Community and Public Health and the Environment.  Activities: Quiz and exam on lecture 14: pollution and pollutants, air quality and regulation, foodborne outbreaks.  Lecture  Chapter 10: special application of epidemiology; molecular and genetic epidemiology; environmental epidemiology | Written discussion on the video  Are you an Environmentalist assessment, Carbon Footprint Quiz  Assignment: Students walk through how to calculate their carbon footprints, then must write a response to how the decisions that individuals make impact the environment and our health.  Web Activity # 8 Discuss the trend of motor vehicle injuries and young adults.  Exam # 5 What is the leading age group in numbers of alcohol and fatal motor vehicle crashes?  Discuss the difference in unintentional and intentional injuries.  Web Activity # 9 Discuss Human population growth and its effects on the planet.  Written exam on developmental expectations, approaches to stress management, nutrition/weight management, modeling/influence of friends and family on substance use/abuse, intentional injuries, personal/community/global environment  Examination and discussion questions on the environment at risk and the impact of diseases on the environment  Written exam on history of public health factors that influence health, communicable/non-communicable diseases, school health, maternal/infant/child, adolescent/young adult/adult, and elder issues, prevention and control efforts, air/water/food quality and control, natural hazards, psychological and sociological hazards, injury prevention, workplace safety  Quiz and exam on lecture 14: pollution and pollutants, air quality and regulation, foodborne outbreaks.  Exams  Quiz and exam: chronical strain, stress  Quiz and exam: Behavior epidemiology ; negative and positive life event |
| **Project Implementation:** Address the fundamental concepts and features of project implementation, including planning, assessment, and evaluation | | | |
| **Introduction to Planning Concepts and Features** | | | |
| **PH 381 (Bruce)**  **PH 384 (Xihua)** | Identify the prevention and health promotions strategies that can affect the current and future health problems.  Discuss the applications of epidemiology to policy development. | Lecture/group discussion Chapter 5  Chapter 7 : health policy cycle, assessment, evaluation | Written exam on community organizing/building, program planning, definition of goals and objectives, creating a health promotion program. Group health promotion written paper and presentation  Quiz and exam: stages of policy development |
| **Introduction to Assessment Concepts and Features** | | | |
| **PH 381 (Bruce)**  **PH 381 (Lartey)**  **PH 384 (Xihua)** | Identify the prevention and health promotions strategies that can affect the current and future health problems.  1. List factors that influence personal health and a community’s health.  2. Identify the prevention and health promotions strategies that can affect the current and future health problems.  3. Describe the organizational structure of local, state, and national health organizations.  Discuss the applications of epidemiology to policy development. | Lecture/group discussion Chapter 5  Lectures 3- 5: Lectures 3, 4 5: Epidemiology: The Study of Disease, Injury, and Death in the Community.  Epidemiology: Prevention and Control of Diseases and Health Conditions. Community Organizing/Building and Health Promotion Programming.  Activities: Quiz and exam over lecture 3 and 4: Rates, prevalence, incidence, study types, acute, chronic & communicable diseases.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community.  Chapter 7 : health policy cycle, assessment, evaluation | Written exam on community organizing/building, program planning, definition of goals and objectives, creating a health promotion program. Group health promotion written paper and presentation  Quiz and exam over lecture 3 and 4: Rates, prevalence, incidence, study types, acute, chronic & communicable diseases.  Project: Students will select a county from any state and conduct a community health needs assessment. The assessment will include a description of the community and its population statistics, a description of risk behaviors, practices and attitudes of the community target population (using available statistics and data found on line), a description of strategies you think are needed in order to identify priorities, barriers in accessing or using services, and resources that you have found to be available in that community.  Quiz and exam: risk , risk assessment, hazard assessment |
| **Introduction to Evaluation Concepts and Features** | | | |
| **PH 381 (Bruce)**  **PH 384 (Xihua)** | Identify the prevention and health promotions strategies that can affect the current and future health problems.  Discuss the applications of epidemiology to policy development. | Lecture/group discussion Chapter 5  Chapter 7 : health policy cycle, assessment, evaluation | Quiz and exam: Evaluation of policy |
| **Overview of the Health System:**  Address the fundamental characteristics and organizational structures of the U.S. health system as well as to the differences in systems in other countries | | | |
| **Characteristics and Structures of the U.S. Health System** | | | |
| **PH 100 (Bruce)**  **PH 381 (Bruce)**  **PH 381 (Lartey)** | Develop skills necessary to make healthful choices and informed decisions for personal health.  Describe and compare the history of community health to the current state of the nation’s health.  Describe the organizational structure of local, state, and national health organizations. | Lecture/group discussion Chapter 14  Lecture/group discussion Chapters 1, 13  Lecture 13: Health Care Delivery in the United  States.  Activity: Quiz on the structure and delivery of health care. | Written exam on health care providers, health care facilities, insurance, prescription drugs  Written exam on history of health care in U.S., population based public health practice/medical practice, long-term practice, end of life practice, types of health care providers, health care facilities and accreditation, access to health care, insurance providers, costs  Quiz on the structure and delivery of health care. |
| **Comparative Health Systems** | | | |
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| **Health Policy, Law, Ethics, and Economics:** Address the basic concepts of legal, ethical, economic, and regulatory dimensions of health care and public health policy, and the roles, influences and responsibilities of the different agencies and branches of government | | | |
| **Legal dimensions of health care and public health policy** | | | |
| **PH 100 (Kim)**  **PH 381 (Bruce)** | 4. Demonstrate skills necessary to make healthful choices and informed decisions for personal health.  Provide information and list the organizations that contribute to the current health status of Americans.  Identify environmental concerns and the impact of these concerns on human health. | Lecture: Chapter 14 – Becoming an informed health care consumer  Lecture/group discussion Chapters 2, 6, 13, 14, 15, 16 | Interpretation of the total points from personal assessment ”Are You a Skilled Health Care Consumer?”  Written exam on organizations contributing to public health, 10 essential public health services, school health challenges, health care providers, health care facilities, environmental management and control, intentional injuries, injury prevention, workplace responsibilities/OSHA |
| **Ethical dimensions of health care and public health policy** | | | |
| **PH 381 (Bruce)** | Describe and compare the history of community health to the current state of the nation’s health.  Provide information and list the organizations that contribute to the current health status of Americans.  List factors that influence personal health and a community’s health. | Lecture/group discussion Chapters 2, 13 | Written exam on organizations contributing to public health, core functions of public health, 10 essential public health services, structure and function of health care system, costs/GDP |
| **Economical dimensions of health care and public health policy** | | | |
| **PH 100 (Lartey)**  **PH 100 (Macy)**  **PH 385 (Britt)**  **PH 381 (Bruce)** | 1. Demonstrate skills necessary to make healthful choices and informed decisions for personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  Understand the political, economic, and administrative complexities of environmental control.  Understand the relationships and the respective roles of local, state, and federal environmental health agencies.  Describe and compare the history of community health to the current state of the nation’s health.  Provide information and list the organizations that contribute to the current health status of Americans.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems. | Lecture: Chapter 14 – Becoming an informed health care consumer.  Activities: Are you a skilled health care consumer assessment.  Health behavior project (students select a health behavior to improve on in 10-12 weeks. They write a journal each week of their progress and a reflection at the end of the project period detailing their successes and challenges).  Lectures: Becoming an Informed Healthcare Consumer Chapter 14  Assignment: Becoming a More informed Healthcare Consumer  Online Discussion about economic impact of Zika virus  Lecture/group discussion Chapters 1, 2, 6, 7, 8, 9, 13, 15, 16 | Are you a skilled health care consumer assessment. Health behavior project.  Assignment: Follow the link http://www.dhs.wisconsin.gov/guide/info/infoindex.htm to learn more information about how you can become more informed as a health care consumer.  Based on the information found on the website, write 3 paragraphs detailing how you can ensure that you receive safe and high quality care.  Each paragraph should speak about specific ways to identify you are an informed consumer.  Discussion participation on the Zika virus  Written exam on history of health care arrangements and costs, organizations contributing to public health, coordinated school health challenges, structure and function of health care system, costs/GDP, costs of injury to society, workplace health insurance costs |
| **Regulatory dimensions of health care and public health policy** | | | |
| **PH 385 (Britt)**  **PH 381 (Bruce)** | Understand the relationships and the respective roles of local, state, and federal environmental health agencies.  Understand and define the terms health, community health, and public health.  Provide information and list the organizations that contribute to the current health status of Americans.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  Identify environmental concerns and the impact of these concerns on human health. | Lecture notes & chapter reading assignment on Environmental Policy & Regulation  Lecture/group discussion Chapter 2 | Examination questions environmental policies and regulations (OSHA and so on)  Written exam on organizations contributing to public health, coordinated school health requirements, structure and function of health care system, accreditation, environmental management and control, workplace responsibilities/OSHA, prevention and management of diseases, hazards, injuries |
| **Governmental Agency Roles in health care and public health policy** | | | |
| **PH 385 (Britt)**  **PH 381 (Bruce)** | Understand the relationships and the respective roles of local, state, and federal environmental health agencies.  Provide information and list the organizations that contribute to the current health status of Americans.  Describe the organizational structure of local, state, and national health organizations. | Lecture notes & chapter reading assignment on Environmental Policy & Regulation  Lecture/group discussion Chapter 2 | Examination questions environmental policies and regulations (OSHA and so on)  Written exam on organizations contributing to public health and their responsibilities |
| **Health Communications:** Address the basic concepts of public health-specific communication, including technical and professional writing and the use of mass media and electronic technology | | | |
| **Technical writing** | | | |
| **PH 385 (Britt)** | Develop the skills necessary to function as a health professional engaged in promoting a healthful environment. | Professional, peer-reviewed journal article review assignment | Submission of a summary review of journal article |
| **Professional writing** | | | |
| **PH 385 (Britt)** | Identify the prevention and health promotions strategies that can affect the current and future health problems | Lecture/group discussion Chapter 5 | Submission of a summary review of journal article |
| **Use of Mass Media** | | | |
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| **Use of Electronic Technology** | | | |
| **PH 381 (Bruce)** |  |  | Students required to develop a PowerPoint presentation on their group written health promotion program |

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| **Concept** | | | |
| **Advocacy for protection and promotion of the public’s health at all levels of society** | | | |
| **PH 100 (Bruce)**  **PH 381 (Bruce)**  **PH 384 (Tom)** | Describe how personal health behaviors affect his/her current and future health status.  Investigate the role that heredity plays in one’s health status.  Examine how personal lifestyles contribute positively and negatively to one’s personal health.  Develop skills necessary to make healthful choices and informed decisions for personal health.  Describe and compare the history of community health to the current state of the nation’s health.  Understand and define the terms health, community health, and public health.  Identify the prevention and health promotions strategies that can affect the current and future health problems.  Students will be able to define Epidemiology and describe its role in the foundation of Public Health. | Lecture/group discussion Chapters 1, 2, 9, 10, 11, 14, 15, 16  Lecture/group discussion Chapters 1, 5  Lecture | Written exam on developmental expectations/dimensions of health, infectious disease transmission/ immune system/ prevention/treatment, early detection and treatment of chronic diseases, chronic disease risk reduction, being an informed health care consumer, injury prevention, personal/community/global effects of the environment on health  Written exam on definitions of public, community, and population health, process of community organizing/building  Exams |
| **Community dynamics** | | | |
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| **Critical thinking and creativity** | | | |
| **PH 100 (Macy)**  **PH 100 (Watkins)**  **PH 384 (Tom)**  **PH 381 (Bruce)** | Develop skills necessary to make healthful choices and informed decisions for personal health.  Design a personal health plan.  Discuss how personal health behaviors and habits affect his /her current and future health status.  Demonstrate skills necessary to make healthful choices and informed decisions for personal health.  Students will demonstrate an understanding of Endemic Vs Endemic Disease and contrast various forms of disease classification.  Students will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data.  Identify the prevention and health promotions strategies that can affect the current and future health problems. | All lectures  Personal Health Plan  Lecture on Chapter 7  Lecture  Lecture/group discussion Chapter 5 | Personal Health Plan with introduction, goal, objectives, weekly journal entries, and conclusion of whether goals and objectives were met.  Web Activity #7 How to become an informed health care consumer. Discuss sources of dependable health information.  Exam # 5 Discuss why self-care/home-care is becoming more popular.  Exams  Group written paper and presentation. Reaction papers on smoke-free ordinance, childhood obesity, access to healthcare, domestic violence |
| **Cultural contexts in which public health professionals work** | | | |
| **PH 381 (Bruce)** | Describe and compare the history of community health to the current state of the nation’s health.  Provide information and list the organizations that contribute to the current health status of Americans.  Identify the prevention and health promotions strategies that can affect the current and future health problems. | Lecture/group discussion Chapter 13 and public health guest speakers on employment opportunities, networking, and job interviewing skills | Written exam on types of health care providers, facilities, and services. Require students to complete 10 hours of community service shadowing/assisting public health professionals |
| **Ethical decision making as related to self and society** | | | |
| **PH 381 (Bruce)** | Identify the prevention and health promotions strategies that can affect the current and future health problems. | Lecture/group discussion Chapter 5 | Group written paper and presentation. Reaction papers on smoke-free ordinance, childhood obesity, access to healthcare, domestic violence |
| **Independent work and a personal work ethic** | | | |
| **PH 100 (Macy)** | Design a personal health plan. | Personal Health Plan | Personal Health Plan with introduction, goal, objectives, weekly journal entries, and conclusion of whether goals and objectives were met. |
| **Networking** | | | |
| **PH 381 (Bruce)** | Provide information and list the organizations that contribute to the current health status of Americans.  Describe the organizational structure of local, state, and national health organizations. | Lecture/group discussion Chapter 5 | Written exam on community organizing/building process, gaining entry into a community |
| **Organizational dynamics** | | | |
| **PH 381 (Bruce)** | Provide information and list the organizations that contribute to the current health status of Americans.  Describe the organizational structure of local, state, and national health organizations. | Lecture/group discussion Chapter 5 | Written exam on community organizing/building process, gaining entry into a community |

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| **Professionalism** | | | |
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| **Research methods** | | | |
| **PH 383 (Tom)**  **PH 383 (Lartey)**  **PH 384 (Tom)** | Appreciate the difference between Descriptive Statistics and Inferential Statistics  Differentiate between  descriptive and inferential statistics  Form and test hypotheses  Describe and present data appropriately  Compute and interpret basic statistics appropriately  Students will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data. | Lecture, Text  Lectures 1-13, Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of central tendency and variability, inferential statistics activities  Lecture | Homework, Exams  Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of tendency and variability, inferential statistics assignments and exams  Exams |

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| **Systems thinking** | | | |
| **PH 100 (Macy)**  **PH 381 (Bruce)** | Design a personal health plan.  Describe and compare the history of community health to the current state of the nation’s health.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems. | Personal Health Plan  Lecture/group discussion Chapter 5 | Personal Health Plan with introduction, goal, objectives, weekly journal entries, and conclusion of whether goals and objectives were met.  Written exam on community organizing/building process, planning/implementing/evaluating. Group written paper and presentation |
| **Teamwork and leadership** | | | |
| **PH 381 (Bruce)** | Describe and compare the history of community health to the current state of the nation’s health.  List factors that influence personal health and a community’s health.  Identify the prevention and health promotions strategies that can affect the current and future health problems. | Lecture/group discussion Chapter 5 | Written exam on community organizing/building process, planning/implementing/evaluating. Group written paper and presentation |