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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 1Lectures 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 concernsQuiz over lectures 1-4 and a discussion board activity on infectious disease.  ExamsQuiz 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, 2Lectures 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 healthQuiz 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, 2Lectures 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 servicesQuiz 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, 2Lectures 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 servicesQuiz 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 readingLecture/group discussion Chapters 1, 2Lectures 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, ExamsWritten exam on international health agencies/WHOQuiz 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, 9Lectures 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, eldersQuiz 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 statisticsForm and test hypothesesDescribe 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 readingLectures 1-3, Levels of measurement, study designs, sampling techniques, hypotheses formulation activitiesLecture/group discussion Chapter 3Lectures 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 andHealth 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, ExamsLevels of measurement, study designs, sampling techniques, hypotheses formulation assignments and examsWritten exam on epidemiological studies/descriptive and analyticQuiz 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 statisticsForm and test hypothesesDescribe and present data appropriatelyCompute and interpret basic statistics appropriatelyDescribe 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 readingLectures 1-5, Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of central tendency and variability activitiesLecture/group discussion Chapter 3Lectures 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 andHealth 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, ExamsLevels of measurement, study designs, sampling techniques, hypotheses formulation, measures of tendency and variability assignments and examsWritten exam on incidence, prevalence, and attack rates, mortality/morbidity rates, crude and age-adjusted, specific ratesQuiz 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 statisticsForm and test hypothesesDescribe and present data appropriatelyCompute and interpret basic statistics appropriatelyDescribe 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 readingLectures 1-13, Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of central tendency and variability, inferential statistics activitiesLecture/group discussion Chapter 3Lectures 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 andHealth 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, ExamsLevels of measurement, study designs, sampling techniques, hypotheses formulation, measures of tendency and variability assignments and examsWritten exam on definition of epidemiology, epidemics, Importance of rates, standardized measurements of health/mortality, morbidity, YPLL statisticsQuiz 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 StatisticsDifferentiate between descriptive and inferential statisticsForm and test hypothesesDescribe and present data appropriatelyCompute and interpret basic statistics appropriatelyDescribe 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 readingLectures 1-13, Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of central tendency and variability, inferential statistics activitiesLecture/group discussion Chapter 3Lecture | Homework, ExamsLevels of measurement, study designs, sampling techniques, hypotheses formulation, measures of tendency and variability assignments and examsWritten exam on sources of data, epidemiological studiesExams |
| **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 dataLecture 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 AssessmentLongevity QuizReview Mayo ClinicReview Tobacco Free ULecture/group discussion Chapters 1, 3Lectures 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.LectureLecture 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 2020Quiz 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.ExamsQuiz: 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 populationsDefine the term *analytic epidemiology* and differentiate among the various types of analytic research study designs. | Lecture, Text readingLecture/group discussion Chapters 3, 5Lectures 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.LectureChapter 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, ExamsWritten 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 presentationQuiz 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.ExamsQuiz and exam: descriptive epidemiologyIn 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, 5Lectures 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.LectureChapter 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 presentationWritten 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 presentationExamsIn 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 health2. 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 studentsDescribe 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 planUnderstand 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 : chapter1Discuss the concept of holistic health (multidimensional) and wellnessChapters 1-16Completion of Comprehensive Health AssessmentDiscuss 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 1Activity: Comprehensive Health AssessmentActivity: Personal Risk AssessmentPowerPointsComprehensive Health AssessmentPersonal Wellness ProjectLongevity QuizFitness IQ TestRate Your Restaurant Diet QuizReview Mayo ClinicAlcohol QuizReview Tobacco Free UTake Heart AssessmentTake the Fruit & Vegetable Calculator?Take Are you a skilled Health Care Consumer?Take Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorPowerPointsComprehensive Health AssessmentFitness IQ TestAlcohol QuizReview Tobacco Free UTake Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorLecture/group discussion Chapters 2, 3, 6, 7, 8, 9, 10, 11, 15, 16Chapter & Lecture notes on Vector-Borne DiseasesLecture/group discussion Chapter 4Lectures 3 and 4: Epidemiology: The Study of Disease, Injury, and Death in the Community. Epidemiology: Prevention and Control of Diseases and HealthConditions.Activities: Quiz and exam over lecture 3 and 4: Rates, prevalence, incidence, study types, acute, chronic & communicable diseases.Lecture Chapter 5: association and causalityChapter 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 areasRisk factors need to be explained on tests.Comprehensive health assessment, longevity quiz, chronic and infectious disease risk assessmentsActivity: Comprehensive Health AssessmentActivity: Personal Risk Assessment assessing individual risk for skin, breast, and cervical (female only) cancer along with responses to findingsWeb Activity #1 Discuss awareness of behaviors and how they can influence health outcomes.Exam # 1 Maslow’s Hierarch of NeedsWhat is stress and fight or flightWeb Activity # 2 Basic Concepts of Physical fitnessWeb Activity # 3 Understanding Nutrition and your diet and maintaining a healthy weightExam # 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 safetyExamination questions on vector-borne diseasesWritten exam on classification of diseases and conditions, chain of infection, communicable disease model, communicable and non-communicable diseasesQuiz and exam over lecture 3 and 4: Rates, prevalence, incidence, study types, acute, chronic & communicable diseasesExamsQuiz 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 health3. 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 5Explain nutrition factsLecture: chapter 13Discuss contraceptive methods Lecture : chapter1-16Discuss prevention of various health problemsLectures 1-16Activities: Comprehensive risk assessment, longevity quiz, smoking calculator, secondhand smoke videoLectures: 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 IssuesActivity: Discussion BoardPowerPointsComprehensive Health AssessmentPersonal Wellness ProjectLongevity QuizFitness IQ TestRate Your Restaurant Diet QuizReview Mayo ClinicAlcohol QuizReview Tobacco Free UTake Heart AssessmentTake the Fruit & Vegetable Calculator?Take Are you a skilled Health Care Consumer?Take Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorPowerPointsComprehensive Health AssessmentFitness IQ TestAlcohol QuizReview Tobacco Free UTake Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorPowerPointsComprehensive Health AssessmentPersonal Wellness ProjectLongevity QuizFitness IQ TestRate Your Restaurant Diet QuizReview Mayo ClinicAlcohol QuizReview Tobacco Free UTake Heart AssessmentTake the Fruit & Vegetable Calculator?Take Are you a skilled Health Care Consumer?Take Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorLecture/group discussion Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 15, 16Lecture/group discussion Chapters 2, 4, 5Lectures 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 scenariosShort answer questions about preventions on testsComprehensive health assessment, longevity quiz, chronic and infectious disease risk assessments, ExamsActivity: Comprehensive Health AssessmentActivity: Movie Clips Challenge to Identify Mental Health IssuesActivity: 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 presentationQuizzes 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 15A guest speaker from Counseling and Testing Center to discuss sexual assaults and healthy and unhealthy relationshipsLecture: chapter 7.Discuss responsible drinkingLecture : chapter 11Discuss safer sex practicesLecture: Chapter 15Activities: 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 AssessmentPowerPointsComprehensive Health AssessmentPersonal Wellness ProjectLongevity QuizFitness IQ TestRate Your Restaurant Diet QuizReview Mayo ClinicAlcohol QuizReview Tobacco Free UTake Heart AssessmentTake the Fruit & Vegetable Calculator?Take Are you a skilled Health Care Consumer?Take Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorPowerPointsComprehensive Health AssessmentFitness IQ TestAlcohol QuizReview Tobacco Free UTake Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorLecture/group discussion Chapters 4, 5, 6, 7, 8, 11, 14, 15,16Lecture/group discussion Chapters 2, 4, 14, 15, 16Lectures 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 quizShort answer questions on safer sex practicesComprehensive 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 AssessmentWeb 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 sexualityWritten 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 effortsWritten exam on organizations contributing to public health, prevention and control efforts, environmental health, injuries, and workplace issuesQuiz 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 MountainLecture/group discussion Chapters 6, 13, 14, 15, 16Lecture/group discussion Chapters 1, 7, 9, 13Lectures 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.LectureChapter 9 : social and behavior epidemiology | Written comments focusing on health aspects of the documentWritten exam on family, social and cultural factors influence on obesity, pregnancy prevention, access to information/ health care, environmental pollution, intentional injuriesWritten exam on socio-economic and cultural factors that affect health, health disparities definition, maternal/infant/child health and elder issues, access to health careQuiz 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.ExamsQuiz and exam: chronical strain, stressQuiz 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 ORBasic fitness assessmentPowerPoints Comprehensive Health AssessmentLongevity QuizReview Mayo ClinicReview Tobacco Free ULecture 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 11PowerPointsComprehensive Health AssessmentPersonal Wellness ProjectLongevity QuizFitness IQ TestRate Your Restaurant Diet QuizReview Mayo ClinicAlcohol QuizReview Tobacco Free UTake Heart AssessmentTake the Fruit & Vegetable Calculator?Take Are you a skilled Health Care Consumer?Take Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorPowerPointsComprehensive Health AssessmentPersonal Wellness ProjectLongevity QuizFitness IQ TestRate Your Restaurant Diet QuizReview Mayo ClinicAlcohol QuizReview Tobacco Free UTake Heart AssessmentTake the Fruit & Vegetable Calculator?Take Are you a skilled Health Care Consumer?Take Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorLecture/group discussion Chapters 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16Lecture/group discussion Chapters 1, 4, 7, 8, 9, 14, 15, 16Lectures 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.LectureChapter 9 : social and behavior epidemiology | Written assignment identifying unhealthy behavior and explain consequences if not changedWritten paper of what a student experienced in the meetingWritten paper about areas student ranked low or poor and how they can improve those areasComprehensive health assessment, longevity quiz, chronic and infectious disease risk assessments. Health behavior project.Exam 2Web Activity #1 Discuss awareness of behaviors and how they can influence health outcomes.Exam # 1 Maslow’s Hierarch of NeedsWhat is stress and fight or flightWeb Activity # 2 Basic Concepts of Physical fitnessWeb Activity # 3 Understanding Nutrition and your diet and maintaining a healthy weightExam # 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 resourcesWritten 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 safetyQuiz and exams on reproductive and maternal health, prenatal and infant health, health behaviors of high school and college studentExamsQuiz and exam: chronical strain, stressQuiz 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 AssessmentLongevity QuizReview Mayo ClinicReview Tobacco Free ULecture/group discussion Chapters 6, 7, 9, 10Lecture/group discussion Chapters 1, 4, 7, 8, 9, 14Lectures 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.LectureChapter 9 : social and behavior epidemiology | Web Activity on Tobacco use. Written exam on weight and body composition, addiction, chronic disease risksWritten exam on biological factors that affect health, communicable/non-communicable diseases, maternal/infant/child, adolescent/young adult/adult, and elder health, environmental impactQuiz and exams on reproductive and maternal health, prenatal and infant health, health behaviors of high school and college students.ExamsQuiz and exam: chronical strain, stressQuiz 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 problems1. 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 NationLecture: Chapter 16 – The Environment and your Health. Activities: Are you an Environmentalist assessment, Carbon Footprint Quiz.Lecture: The Environment and Your HealthAssignment: Carbon FootprintPowerPointsComprehensive Health AssessmentFitness IQ TestAlcohol QuizReview Tobacco Free UTake Sexual Attitude AssessmentTake Birth Control Method AssessmentTake the Safe Cycling Quiz and Review what NIEHS is doing about it from the National Institute of Environmental Sciences website and Learn about Organ DonorLecture/group discussion Chapters 1, 3, 5, 6, 7, 8, 15, 16Chapter & Lecture notes on the Environment at Risk-Discussions on impact of diseases on environmental healthLecture/group discussion Chapters 1, 4, 6, 7, 8, 9, 14, 15, 16Lecture 14: Community and Public Health and the Environment.Activities: Quiz and exam on lecture 14: pollution and pollutants, air quality and regulation, foodborne outbreaks.LectureChapter 10: special application of epidemiology; molecular and genetic epidemiology; environmental epidemiology | Written discussion on the videoAre you an Environmentalist assessment, Carbon Footprint QuizAssignment: 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 environmentExamination and discussion questions on the environment at risk and the impact of diseases on the environmentWritten 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 safetyQuiz and exam on lecture 14: pollution and pollutants, air quality and regulation, foodborne outbreaks.ExamsQuiz and exam: chronical strain, stressQuiz 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 5Chapter 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 presentationQuiz 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 5Lectures 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 presentationQuiz 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 5Chapter 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 14Lecture/group discussion Chapters 1, 13Lecture 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 drugsWritten 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, costsQuiz 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 consumerLecture/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 14Assignment: Becoming a More informed Healthcare ConsumerOnline Discussion about economic impact of Zika virusLecture/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 virusWritten 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 & RegulationLecture/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 & RegulationLecture/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, 16Lecture/group discussion Chapters 1, 5Lecture | 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 healthWritten exam on definitions of public, community, and population health, process of community organizing/buildingExams |
| **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 lecturesPersonal Health PlanLecture on Chapter 7LectureLecture/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.ExamsGroup 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 StatisticsDifferentiate between descriptive and inferential statisticsForm and test hypothesesDescribe and present data appropriatelyCompute and interpret basic statistics appropriatelyStudents will differentiate descriptive epidemiology from analytical epidemiology and identify sources of health/disease data. | Lecture, TextLectures 1-13, Levels of measurement, study designs, sampling techniques, hypotheses formulation, measures of central tendency and variability, inferential statistics activitiesLecture | Homework, ExamsLevels of measurement, study designs, sampling techniques, hypotheses formulation, measures of tendency and variability, inferential statistics assignments and examsExams |

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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 PlanLecture/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 |