

Community/Public Health

Associate in Science

Minimum of 61 credit hours

Public Health is a broad, multi-disciplinary field, and most professionals specialize at the graduate level. Other specialties within public health include maternal and child health, nutrition, health disparities, and veterinary public health. Additionally, some professionals choose interdisciplinary career paths that involve public health, such as MPH/RN, MPH/JD, MPH,MD, etc. A bachelor's degree opens the door for entry level opportunities in areas such as health education and promotion and environmental health. A master's degree is typically required for management, administration, research, policy development, biostatistics, and epidemiology.

Course Sequence

Course ID	Course Name	Credits	Type	Min Gd
Suggested Freshman 1st Semester				
SCL 1001	Success in College and Life	1	Life Skills	
AHP 1222	First Aid and CPR	2	Major	
ENGL 1113	English Composition I	3	Gen Ed	
CHEM 1103	Chemistry Around Us	3	Gen Ed	
PSY 1113	General Psychology	3	Gen Ed	
POLSC 1113	American Federal Government	3	Gen Ed	
Suggested Freshman 2nd Semester				
ENGL 1213	English Composition II	3	Gen Ed	
SOC 1113	Introduction to Sociology	3	Major	
MATH 2013	Introduction to Statistics	3	Major	
PHIL 1123	Critical Thinking	3	Gen Ed	
HIST 1483	U.S. History to 1877	OR	Gen Ed	
HIST 1493	U.S. History 1877 to Present	3	Gen Ed	
Suggested Sophomore 1st Semester				
LEIS 1602	Total Wellness	3	Major	
PSY 2403	Developmental Psychology	3	Major	
BIO 1114	General Biology (Non Majors)	4	Gen Ed	
GEOG 2603	World Regional Geography	3	Gen Ed	
AHP 1013	Medical Terminology	3	Major	
Suggested Sophomore 2nd Semester				
SOC 2143	Race and Ethnicity in the U.S.	3	Major	
COM 2213	Intro to Public Speaking	3	Gen Ed	
HUM 2223	Humanities Modern	3	Gen Ed	
BIO 1314	Human Anatomy and Physiology I	4	Major	
SOC 2023	Social Problems	3	Gen Ed	

Course Grouping

Major Courses: (23 Credit Hours): AHP 1222; SOC 1113; LEIS 1602; BIO 1314; SOC 2143; PSY 2403; MATH 2013; AHP 1013

General Education Courses: (37 Credit Hours) English: ENGL 1113; ENGL 1213; POLSC 1113; History: HIST 1483 or HIST 1493; PHIL 1123; HUM 2223; SOC 2023; PSY 1113; GEOG 2603; COM 2213; CHEM 1103; BIO 1114

Life Skills Courses: (1 credit hour) Life Skills: SCL 1001

Program Notes

Notes: This program is designed for students planning to continue their education at a four-year college or university. See University Parallel/Transfer Programs in the general information section of the catalog.

Degree Program Course Descriptions

AHP 1013 - Medical Terminology

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits After studying the root words, prefixes, and suffixes from which medical terms evolve, the student will correctly spell medical terms, define terms commonly used in medical fields, and determine the meaning of unfamiliar medical terms.

AHP 1222 - First Aid and CPR

2 Credits This course provides knowledge and practical experience in the emergency care of injuries and sudden illness, including cardiopulmonary resuscitation. This course includes content of the American Heart Association (AHA), Basic Life Support (BLS), and First Aid which meets the National Emergency Cardiovascular (ECC) standards. Students will receive AHA, BLS, and First Aid certifications upon satisfactorily completing this course.

BIO 1114 - General Biology (Non Majors)

Prerequisites: ENGL 0203 or adequate placement score or by meeting determined placement measures; MATH 0103 or adequate math placement test score.

4 Credits An introductory lab-based course that is designed to provide non-biological science major with the necessary background needed to effectively understand scientific information. Students investigate the properties of life to include: organization, energy use, evolution, maintenance of homeostasis, reproduction, growth, and development. Ecological concepts are discussed which enables students to have a better understanding regarding the impact that humans have on the natural world. Laboratory work is an integral and required part of this course.

BIO 1314 - Human Anatomy and Physiology I

Prerequisites: ENGL 0203 or adequate placement score or by meeting determined placement measures; MATH 0103 or adequate math placement test score. An adequate biology placement test score or BIO 0123 or a college-level biological science class.

4 Credits Through a systematic study of the structure and function of the human body, its cells, tissues, organs and systems, the student will identify and describe basic anatomical structures and fundamental physiological processes that occur in health and disease for the major body systems. Laboratory work which requires dissection is an integral and required part of the course.

CHEM 1103 - Chemistry Around Us

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures; MATH 0203 or adequate math placement test score.

3 Credits A course designed for students having no previous training in chemistry or for whom the study of chemistry will terminate with this experience. Upon completion of this course, the student will be able to discuss such fundamental concepts of chemistry as atomic structure and the periodic table, chemical bonding, nuclear energy, chemical elements and compounds, and the significance of carbon and some other elements to life itself.

COM 2213 - Intro to Public Speaking

Prerequisites: ENGL 0106 or adequate placement score

3 Credits Given the principles of effective listening and speaking, the student will assimilate those skills into his or her physical and psychological worlds. After being exposed to public, business and professional speaking, the student will apply the principles of invention, organization, style, and delivery through practical exercises and will use the principles of rhetorical criticism in discussing speeches delivered in class.

ENGL 1113 - English Composition I

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits The student will write well-developed compositions which demonstrate the principles of unity, coherence, and organization and which contain specific details and vivid language. The students will locate library material and incorporate researched materials into compositions.

ENGL 1213 - English Composition II

Prerequisites: ENGL 1103 or ENGL 1113 taken within the last year, with strong encouragement for immediate continuation.

3 Credits In this advanced writing course, students will create essays that explore and evaluate a variety of issues and perspectives suggested by fiction, poetry, drama, essays, and other types of cultural texts. Students will refine and augment the writing techniques they learned in ENGL 1113 or ENGL 1103 to develop well-reasoned, well-structured arguments in a clear, fluid, and engaging prose style.

GEOG 2603 - World Regional Geography

Prerequisites: NONE

3 Credits The student will examine the world's major cultural regions and determine

the relationship between the physical environment and economic, social and political conditions.

HIST 1483 - U.S. History to 1877

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits After analyzing events in American history from 1400 to 1877 in such areas as revolution, geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. A general education requirement.

HIST 1493 - U.S. History 1877 to Present

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits After analyzing events in American history from 1877 to the present in such areas as geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. A general education requirement.

HUM 2223 - Humanities Modern

Prerequisites: ENGL 1113

3 Credits This course is a study of the humanities from the early Renaissance to the present. The student will recognize, interpret, and evaluate the interrelationship of art, architecture, literature, philosophy, and music and their legacies and impact on contemporary culture.

LEIS 1602 - Total Wellness

Prerequisites: None

3 Credits Students will learn the different aspects of health including physical, mental, and emotional aspects. They will develop an understanding of health and be able to identify a healthy lifestyle. Students will also learn the different levels of physical fitness appropriate for different levels of development: childhood, adolescence, adulthood and older adulthood.

MATH 2013 - Introduction to Statistics

Prerequisites: MATH 0403 or adequate math placement test score; ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits The student will solve problems applying the concepts of random sampling, elementary probability, testing hypotheses, descriptive measures, chi-square, regression and correlation, and analysis of variance.

PHIL 1123 - Critical Thinking

Prerequisites: ENGL 1113

3 Credits Critical Thinking provides opportunities for students to practice skills in both intellectual and personal development. Throughout the course, students will examine cognitive development, sound inductive argument development, biases and fallacies in decision formation, and problem solving skills. Students will apply these aspects of thought formation and critical thinking skills to writing development, goal setting, social analysis, and problem solving. This course satisfies three credit hours of the General Education humanities requirement for all Associates in Arts, Science, and Diversified Studies degrees.

POLSC 1113 - American Federal Government

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits A study of the principles, structure, processes and functions of the United States federal government.

PSY 1113 - General Psychology

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits A survey of the major areas of study in psychology such as motivation, learning, physiology, personality, social psychology, abnormal behavior, perception, memory, cognition/thought, and treatment.

PSY 2403 - Developmental Psychology

Prerequisites: PSY 1113

3 Credits A theoretical and research-based course that covers social, emotional, physical and cognitive aspects of human development throughout the life-span.

SCL 1001 - Success in College and Life

Prerequisites: ENGL 0106 or adequate reading/writing assessment scores

1 Credit Students will learn best practices for academic, career, and personal success. Students will discover their individual strengths, interests, and values to create a personalized plan; select and utilize resources that are applicable to their growth and success; and engage as active and responsible members of the academic community. This course should be taken during a student's first semester of college work at Oklahoma City Community College

and is a required course in degree plans to satisfy the Life Skills requirement.

SOC 1113 - Introduction to Sociology

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits The student will identify the sociological dimensions of human behavior by analyzing the concepts of society, culture, socialization, institutions, social stratification and social change.

SOC 2023 - Social Problems

Prerequisites: SOC 1113

3 Credits The student will use the sociological perspective to analyze and show the interrelationships among biological, psychological and social aspects of human problems.

SOC 2143 - Race and Ethnicity in the U.S.

Prerequisites: ENGL 0203, adequate placement score, or by meeting determined placement measures

3 Credits This course examines sociological theories of contact between minority and majority groups in a multicultural society, including topics such as prejudice, discrimination, acculturation, and pluralism.