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

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<th>Course ID</th>
<th>Course Name</th>
<th>Credits</th>
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<td>MATH 2013</td>
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<td>PHIL 1123</td>
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<td>Suggested Sophomore 1st Semester</td>
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<td>HIST 1483</td>
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<td>LEIS 1602</td>
<td>Total Wellness</td>
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<td>BIO 1114</td>
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<td>SOC 2143</td>
<td>Race and Ethnicity in the U.S.</td>
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<td>COM 2213</td>
<td>Intro to Public Speaking</td>
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<td>HUM 2223</td>
<td>Humanities Modern</td>
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<td>Suggested Sophomore 2nd Semester</td>
<td>Human Anatomy and Physiology I</td>
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<td>BIO 1314</td>
<td>Social Problems</td>
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<td>SOC 2023</td>
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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.
AHP 1013 - Medical Terminology  
**Prerequisites:** ENGL 0203, adequate placement score, or by meeting determined placement measures  
3 Credits  
**Description:** This course provides knowledge and practical experience in the emergency care of injuries and sudden illness, including cardiopulmonary resuscitation. Students will receive AHA Basic Life Support, AHA CPR, 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.  
4 Credits  
**Description:** This 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. An adequate biology placement test score or BIO 0123 or a college-level biological science class.  
4 Credits  
**Description:** This course is a 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.  
3 Credits  
**Description:** This course is designed for students having no previous training in chemistry or for whom the student 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 0203 or adequate placement score  
3 Credits  
**Description:** This course is an introduction to 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  
**Description:** This course is an introduction to reading, writing, and thinking through the act of writing. The student will develop the ability to write well-considered, logical arguments in a clear, fluid, and engaging prose style. 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. The student will learn to identify and respond effectively to the needs of the current audience. The student will also be able to use a variety of textual perspectives and new technologies to vary his or her writing style.

HIST 1483 - U.S. History to 1877  
**Prerequisites:** ENGL 0203, adequate placement score, or by meeting determined placement measures  
3 Credits  
**Description:** This course covers U.S. history from 1400 to 1877. It is divided into six major periods: 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. This course satisfies a social science requirement.

HUM 2223 - Humanities Modern  
**Prerequisites:** ENGL 1113  
3 Credits  
**Description:** 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  
**Description:** This course is designed to help students learn the different aspects of physical health including physical, mental, and emotional aspects. It 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:** ENGL 0203, adequate placement score, or by meeting determined placement measures  
3 Credits  
**Description:** This course is designed to introduce students to the basic concepts and techniques of statistics. The student will be able to use statistical techniques to analyze data and make informed decisions. The student will also be able to use a variety of textual perspectives and new technologies to vary his or her writing style.
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.