

Associate of Science in Chemistry/Pre-Medicine

and

Bachelor of Arts in Chemistry

Course equivalencies between Phillips Community College of the University of Arkansas and Arkansas State University – Jonesboro

PCCUA Courses

English Composition

EH 113 Composition I

EH 123 Composition II

SP 243 Fundamentals of Speech

Mathematics

MS 215 Calculus I

MS 225 Calculus II

MS 123 College Algebra

ASUJ Courses

ENG 1003 Composition I

ENG 1013 Composition II

COMS 1203 Oral Communication

MATH 2204 Calculus I

MATH 2214 Calculus II

MATH 1023 College Algebra

Life Science

Choose Two of the following:

BY 114 General Biology I

BY 124 General Biology II

BY 134 General Zoology

BIOL 1003/1001 Biological Science/Lab

BIOL 1003/1001 Biological Science/Lab

BIOL 2203/2201 Human Anatomy and Physiology/L

Physical Sciences

PS 215 General Physics I **OR** PS

114 Physical Science I **OR** CY

114 General Chemistry I

PHYS 2054 General Physics I

PHSC 1203/1201 Physical Science/Lab

CHEM 1013/1011 General Chemistry I/Lab

Social Sciences

HY 213 U.S. History I **OR**

HY 223 U.S. History II

HY 113 Western Civilization I **OR**

HY 123 Western Civilization II

ES 223 Microeconomics*

HIST 2763 The United States to 1876

HIST 2773 The United States Since 1876

HIST 1013 World Civilization to 1660

HIST 1023 World Civilization since 1660

Humanities

EH 243 World Literature II **OR**

PHIL 153 Intro to Philosophy

ECON 2323 Principles of Microeconomics

ENG 2013 World Literature Since 1660

PHIL 1103 Introduction to Philosophy

Fine Arts

SP 123 Intro to Theatre **OR**
MSC 223 Music Appreciation **OR**
FA 213 Fine Arts I **OR**
FA 223 Fine Arts II

THEA 2503 Fine Arts Theatre
MUS 2503 Fine Arts Music
ART 2503 Fine Arts Visual
ART 2503 Fine Arts Visual

Physical Education

PEAC 142 Fitness Concepts

PE 1002 Concepts of Fitness

Business Core

ES 213 Macroeconomics
BAN 213 Principles of Accounting I
BAN 223 Principles of Accounting II
BMGT 283 Business Statistics

ECON 2313 Principles of Macroeconomics
ACCT 2033 Introduction to Financial Accounting
ACCT 2133 Introduction to Managerial Accounting
ECON 2113 Business Statistics I**

PCC Courses

BAN 233 Legal Environment of Business
BAN 263 Business Communication
CT 113 Computer Information Systems

ASUJ Courses

LAW 2023 Legal Environment of Business
BCOM 2563 Business Communications
CS 1013 Introduction to Computers

*Students will need to choose this Social Science course

**ECON 2113 will be substituted for STAT 3233 Applied Statistics

ASU-JONESBORO COURSES

The following are courses that PCCUA students must take to complete ASUJ's Bachelor of Arts in Chemistry.

General Education Requirements (4 hours)
BIO 2013/2011, Biology of the Cell and Laboratory

Major Requirements (31 hours) *

CHEM 2004, Descriptive Inorganic Chemistry
CHEM 3054, Quantitative Analysis
CHEM 3103/3101 Organic Chemistry I and Lab (C or better in lecture)
CHEM 3113/3111 Organic Chemistry II and Lab
CHEM 3154, Survey of Physical Chemistry
CHEM **4243**, Biochemistry
PHYS 2044, University Physics II

Electives (26 hours) **

*Due to rotation all courses may not be available every term

**Must be Upper-Level hours