

UNIVERSITY OF CENTRAL OKLAHOMA (UCO)
Transfer Agreement
Partner Institution: Oklahoma State University-OKC (OSU-OKC)
Effective Catalog: 2020-2021 and 2021-2022

UCO MAJOR
 B.S. ED Science Education-
 Chemistry

OSU-OKC MAJOR
 A.S. Enterprise Development-
 General Studies Concentration

<i>UCO University Core</i>	Hours	<i>OSU-OKC</i>
Written and Oral Communication	9	Completion of the A.A or A.S. degree at OSU-OKC will satisfy these requirements.
Quantitative Reasoning/Scientific Method with Lab	10-11	
Critical Inquiry and Aesthetic Analysis	6	
American Historical and Political Analysis	6	
Cultural and Language Analysis	3-4	
Social and Behavioral Analysis	3	
Life Skills	5	

An Associate in Science (AS) or Associate in Art (AA) degree from an accredited Oklahoma institution that includes the OSRHE minimum requirements will satisfy the UCO University Core. **Credited courses completed as part of the A.A. or A.S. that do not apply to the general education at OSU-OKC or the UCO major transfer to UCO as electives.**

<i>UCO Course(s)</i>	<i>Req. Hours</i>	<i>OSU-OKC Equivalent Course(s)</i>	<i>Remaining Hours</i>
Support Courses MCOM 1113 Fundamentals of Speech ENG 1113 English Composition ENG 1213 English Composition and Research	9	SPCH 1113 Intro. to Speech Communication ENGL 1113 English Composition I ENGL 1213 English Composition II	0
Prerequisite Courses Students majoring in the General Science Education program are encouraged to complete the following courses in high school. Two years of high school Algebra and one year of Trigonometry OR MATH 1453 Applied Algebra OR MATH 1513 College Algebra AND MATH 1593 Plane Trigonometry	0-6	MATH 1513 Precalculus I AND MATH 1613 Precalculus II	0

Science Education - Chemistry.....65 (36 remaining)

Science Education Core.....	37		15
Biology.....9			
Required courses:			
BIO 1204 Biology for Majors: Principles		BIOL 1303 Principles of Biology	
BIO 1225 Biology for Majors: Diversity		BIOL 1311 Principles of Biology Lab	
		BIOL 1404 Plant Biology	
		BIOL 1604 Animal Biology	
Chemistry..... 10			

<p>Required courses: CHEM 1103 General Chemistry I AND CHEM 1112 General Chemistry I Recitation/Lab CHEM 1223 General Chemistry II AND CHEM 1232 General Chemistry II Recitation/Lab Physics..... 8 Required courses: PHY 1114 General Physics I and Lab OR PHY 2014 Physics for Science and Engineering I and Lab PHY 1214 General Physics II and Lab OR PHY 2114 Physics for Science and Engineering II and Lab Earth Science 4 Required course: PHY 3014 Earth Science Computer Science3 Required course: CMSC 1513 Beginning Programming Mathematics..... 3 Required course: STAT 2103 Introduction to Statistics for Sciences</p>		<p>CHEM 1315 General Chemistry I CHEM 1515 General Chemistry II</p> <p>CIS 1123 Programming Fundamentals</p>	
<p>Required Courses..... 18 CHEM 2104 Quantitative Analysis and Lab CHEM 3303 Organic Chemistry I CHEM 3312 Organic Chemistry I Lab CHEM 3323 Organic Chemistry II CHEM 3203 Introduction to Physical Chemistry CHEM 3403 Biochemistry I Elective Courses 10 Any 3/4000 level Biology, Chemistry, Physics or Math courses.</p>	28	<p>CHEM 2055 Organic Chemistry I CHEM 2155 Organic Chemistry II (2 hours of Organic Chemistry will be applied to Elective Courses)</p>	18

Professional Education31

<p>Professional Education 31 PTE 1010 Introduction to Teacher Education PTE 3023 Foundations of American Ed/Clinical Exp PTE 3153 Adolescent Psychology SPED 4123 Teaching Individuals with Disabilities ^BIO 4812 Teaching and Learning in Science Classrooms</p>	31		31
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^BIO 4853 Gen. Methods of Teaching Science/Lab ^PTE 4172 Educational Assessment ^PTE 4533 Contemporary Learning Sciences ^#PTE 4811 Contemporary Issues ^#PTE 4838 Internship/Student Teaching Secondary ^#PTE 4853 Classroom Management & Instruction ^ Admission to Teacher Education required #To be taken the same semester			
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*Total hours required for this major may exceed the minimum 124 credit hour institutional requirement and will vary according to course selection. It is recommended students complete high school algebra II, trigonometry, and two years of a second language in high school.

Total hours remaining at UCO in this major and Professional Ed.....64

Hours for A.A. or A.S.....65

Remaining hours at UCO..... 64

Minimum Graduation Requirements

1. Overall GPA in all college course work 2.50
2. Average in course work at UCO 2.00
3. Courses in English Composition, Fundamentals of Speech, Professional Education, and area of specialization (major)..... “C”
4. Proficiency in foreign languageNovice 4 level

For other regulations pertaining to graduation, see the UCO 2021-2022 Undergraduate catalog.