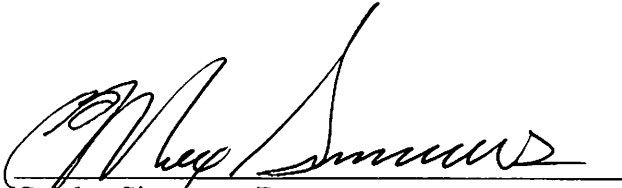


**Transfer Agreement
Between
Oklahoma City Community College
and
University of Science and Arts of Oklahoma**

Effective Academic Year: 2018-2019


**Oklahoma City Community College: A.S. Science with Chemistry Concentration
and
University of Science and Arts of Oklahoma: B.S. Chemistry**



C. Max Simmons, Dean
Science, Engineering and Mathematics

12/8/17


Date



Kim Jameson
Associate Vice President for Academic Affairs

12/8/17

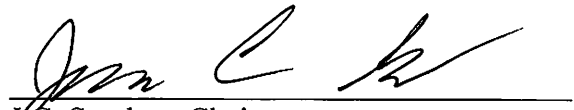
Date



Greg Gardner
Vice President for Academic Affairs

12/8/17


Date



J.C. Sanders, Chair
Science and Physical Education

12/8/17

Date



Krista Maxson
Vice President for Academic Affairs

12/8/2017

Date



A.S. in Science with Chemistry Concentration at OCCC - B.S. in Chemistry at USAO



Oklahoma City Community College

		Hours
ENGL 1113	English Composition I	3
ENGL 1213	English Composition II	3
POLSC 1113	American Federal Government	3
HIST 1483 or 1493	U.S. History Course	3
BIO 1124	General Biology I (Majors)	4
MATH 1513	College Algebra Bus., Life Sci. & Social Sci.	3
SCL 1001	Success in College and Life	1
CH SUPP ELEC	Chemistry Support Elective	5
HUM	Humanities Electives	6
MATH 1533	Trigonometry	3
MATH 2104	Calculus and Analytic Geometry I	4
MATH 2104, 2214	Calculus and Analytic Geometry I, II	8
MATH 2104, 2214, & 2314	Calculus and Analytic Geometry I, II, III	12
CS 1103	Intro. to Computers and Applications	3
CHEM 1115 & 1215	General Chemistry I & II	10
CHEM 2114 & 2124 & 2122	Organic Chemistry I & II and Lab	10
PHYS 1114	College Physics I	4
PHYS 2014	Engineering Physics I	4

Must include all coursework required for the A.S. degree (see OCCC catalog)

Minimum of 61-62 credit hours required for A.S. degree

Remaining USAO Courses (62-63 hours)

23 hours in Chemistry, 8 hours in Physics, 9 hours in Mathematics, 3 hours in Computer Science

Chemistry Required Courses -- 23 hours

		Hours
CHEM 3011	Analytical Lab	1
CHEM 3013	Analytical Chemistry	3
CHEM 3021	Instrumental Lab	1
CHEM 3023	Instrumental Analysis	3
CHEM 3321	Biochemistry Lab	1
CHEM 3323	Biochemistry	3
CHEM 4411	Physical Chemistry I Lab	1
CHEM 4413	Physical Chemistry I	3
CHEM 4421	Physical Chemistry II Lab	1
CHEM 4433	Physical Chemistry II	3
CHEM 4423	Advanced Inorganic Chemistry	3

Physics Required Courses -- 8 hours

PHYS 1401	General Physics II Lab	1
PHYS 2123 or	General Physics II or	3
PHYS 2224	General Physics II with Calculus	4

A minimum of 124 hours is required

A minimum of 40 hours of upper division work is required

University of Science and Arts of Oklahoma

		Hours
IDS 1113	Writing I	3
IDS 1213	Writing II	3
IDS 2133	American Civilization I	3
IDS 2143	American Civilization II	3
IDS 2011 & 2023	Foundations of Life Science and Lab	4
MATH 1513	College Algebra	3
NSCI 1711	Success in STEM	1

An A.S. degree from OCCC satisfies

USAO's Interdisciplinary Studies Core Curriculum Requirements

MATH 1613	Trigonometry	3
MATH 1743	Calculus and Analytic Geometry I	3
MATH 1743, 2223, 2243	Calculus and Analytic Geometry I, II, III	9
MATH 1743, 2223, 2243, & 3263	Calculus and Analytic Geometry I, II, III, IV	12
CSCI 1143	Introduction to Computing	3
CHEM 1113, 1111, 1123, 1121	General Chemistry I & II with Lab	8
CHEM 3303, 3302, 3312, 3313	Organic Chemistry I & II with Lab	10
PHYS 2113 & 1301	General Physics I & Lab	4
PHYS 1301 & 2214	General Physics I with Calculus	5

Mathematics Required Courses -- 9 hours

MATH 2203	Elementary Statistics	3
MATH 2243	Calculus & Analytic Geometry III	3
MATH 3263	Calculus & Analytic Geometry IV	3

Computer Science Required Course -- 3 hours

CSCI 1143	Introduction to Computing	3
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Additional Required Courses

NSCI 2710 or	STEM Communication or	0
NSCI 2711	STEM Communication	1
NSCI 3710 or	Next Step Preparation or	0
NSCI 3711	Next Step Preparation	1

Elective Courses -- 19-20 hours

**The Chemistry major exit exam is required
Degree requirements effective July 2017**

