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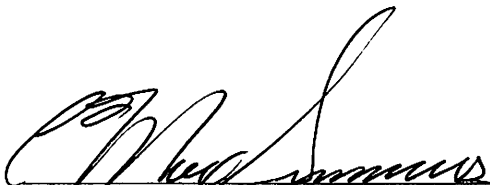# Between
Oklahoma City Community College
and
University of Science and Arts of Oklahoma

Effective Academic Year: 2018-2019

Oklahoma City Community College: A.S. Science with Mathematics Concentration

and

University of Science and Arts of Oklahoma: B.S. Mathematics

C. Max Simmons, Dean
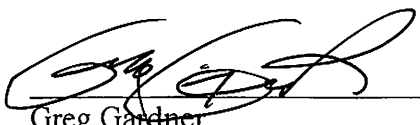Science, Engineering and Mathematics

12/8/17
Date

Kim Jameson
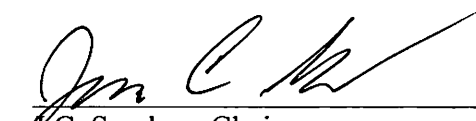Associate Vice President for Academic Affairs

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 Mathematics Concentration at OCCC - B.S. in Mathematics at USAO

Oklahoma City Community College

Course	Title	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	Biological Science	3
SUPP	Guided Support Electives	11
HUM	Humanities Electives	6
GEN ED	Gen Ed Elective	9
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
MATH 2413	Intro. to Ordinary Differential Equations	3
CS 1103	Intro. to Computers and Applications	3
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

University of Science and Arts of Oklahoma

Course	Title	Hours
IDS 1113	Writing I	3
IDS 1213	Writing II	3
IDS 2133	American Civilization I	3
IDS 2143	American Civilization II	3
IDS 2023	Foundations of Life Science	3

An A.S. degree from OCCC satisfies
USAO's Interdisciplinary Studies Core Curriculum Requirements

Course	Title	Hours
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
MATH 3353	Differential Equations	3
CSCI 1143	Introduction to Computing	3
PHYS 1301 & 2214	General Physics I with Calculus	5

Remaining USAO Courses (62-63 hours)

18 hours in Mathematics (MINIMUM)

Mathematics Required Courses -- 6 hours

Course	Title	Hours
PHYS 3013	Foundations of Mathematics	3
PHYS 3113	Modern Algebra I	3

Mathematics Elective Courses -- 12 hours

Course	Title	Hours
MATH 3233	Linear Algebra	3
MATH 3313	Advanced Euclidean Geometry	3
MATH 3333	Modern Algebra II	3
MATH 3363	Advanced Calculus I	3
MATH 3373	Advanced Calculus II	3
MATH 4303	Probability and Statistics I	3
MATH 4403	Probability and Statistics II	3
MATH 4413	Numerical Analysis	3
MATH 4423	Complex Variable Theory	3

Additional Required Courses

Course	Title	Hours
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 -- 42-45 hours

A minimum of 124 hours is required
A minimum of 40 hours of upper division work is required

The physics major exit exam is required
Degree requirements effective July 2017