



### Associate in Arts in Liberal Arts (TCC) to Bachelor of Science in Biology (OSU)

#### TULSA COMMUNITY COLLEGE (years 1 and 2) – 2019-20

##### Year One – Tulsa Community College

Fall Semester			Spring Semester		
TCC Equivalent or Substitute	OSU Requirement	✓	TCC Equivalent or Substitute	OSU Requirement	✓
ENGL 1113 – Composition I	ENGL 1113		ENGL 1213 – Composition II	ENGL 1213	
BIOL 1224 – Introduction to Biology for Majors General Education Science	BIOL 1114		POLS 1113 – American Federal Government	POLS 1113	
CHEM 1315 – General Chemistry I Recommended Electives	CHEM 1314 (+1 credit hour OSU Elective)		CHEM 1415 – General Chemistry II Recommended Electives	CHEM 1515	
**MATH 1613 – Precalculus II General Education Math	MATH 1613		BIOL 2164 – Microbiology 3 hours Science + 1 hour Recommended Electives	MICR 2123 & MICR 2132	
			MATH 2193 – Elementary Statistics General Education Recommended Elective (3 credit hours)	STAT 2013	
<b>Semester Credit Hours at TCC: 15</b>			<b>Semester Credit Hours at TCC: 18</b>		

\*\* Students must place into MATH 1613 or complete MATH 1513 with a “C” or better.

##### Year Two – Tulsa Community College

Fall Semester			Spring Semester		
TCC Equivalent or Substitute	OSU Requirement	✓	TCC Equivalent or Substitute	OSU Requirement	✓
Humanities (3 credit hours)	(H) Humanities		Humanities (3 credit hours)	(H) Humanities	
HIST 1483 – Am Hist 1492 - Civil War or HIST 1493 – Am Hist Civil War - now	HIST 1103		General Education Required Elective (3 credit hours)	(A, H, N, or S) 3 credit hours Additional Gen Ed	
PHYS 1114 – General Physics I Controlled Electives	PHYS 1114		PHYS 1214 – General Physics II 3 hours General Education Recommended Electives	PHYS 1214	
BIOL 1604 – Zoology Controlled Electives	BIOL 1604		BIOL 1404 – General Botany Controlled Electives	PBIO 1404	
<b>Semester Credit Hours at TCC: 14</b>			<b>Semester Credit Hours at TCC: 14</b>		

Before transferring to OSU, have the TCC Registrar send an official transcript to the OSU Admissions Office with any degrees earned noted on the transcript. If you have not completed the requirements for an associate degree, talk with your OSU Academic Advisor about Reverse Transfer options to use OSU coursework to complete your TCC associate degree.

■ some course work available in Tulsa



**OKLAHOMA STATE UNIVERSITY (years 3 and 4) – 2019-20**

<b>Year Three – Oklahoma State University</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
<b>OSU Requirement</b>	✓	<b>OSU Requirement</b>	✓
MICR 3033 Cell and Molecular Biology		BIOL 3023 General Genetics	
CHEM 3013 Survey of Organic Chemistry		BIOL 3204 Physiology	
CHEM 3012 Survey of Organic Chemistry Laboratory		Upper-Division Course from BIOL/MICR/PBIO (3 credit hours)	
Upper-Division Supplemental Course (3 credit hours)		Upper-Division General Education (A, H, N, or S) outside of major with (D) Diversity Designation (3 credit hours)	
Upper-Division Arts & Humanities with (I) International Designation (3 credit hours)		OSU Elective – may need to be upper division (3 credit hours)	
<b>Semester Credit Hours at OSU: 14</b>		<b>Semester Credit Hours at OSU: 16</b>	

<b>Year Four – Oklahoma State University</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
<b>OSU Requirement</b>	✓	<b>OSU Requirement</b>	✓
BIOL 3034 General Ecology		Upper-Division Course from BIOL/MICR/PBIO (3 credit hours)	
BIOL 4133 Evolution		Upper-Division Course from BIOL/MICR/PBIO (3 credit hours)	
Upper-Division Supplemental Course (3 credit hours)		OSU Elective (3 credit hours)	
Social and Behavioral Sciences (S) (3 credit hours)		OSU Elective (3 credit hours)	
OSU Elective (2 credit hours)		OSU Elective (3 credit hours)	
<b>Semester Credit Hours at OSU: 15</b>		<b>Semester Credit Hours at OSU: 15</b>	

**If you are interested in the Pre-Medical prerequisites, please talk to your OSU Advisor.**

Important Note: The foreign language requirement for the B.S., B.M. and B.F.A. may be satisfied by presenting a high school transcript which demonstrates two years of study of a single foreign language (passing grades at second-year level of study). It may also be satisfied by 6 hours college credit in the same language, which must include language courses 1713 and 1813, or equivalent proficiency (e.g., passing an advanced standing examination; TOEFL exam; presenting a high school transcript which demonstrates the high school was primarily conducted in a language other than English; etc.). Computer Science courses may not be used to satisfy this requirement.

