



## Tohono O'odham Community College

### Associate of Arts in Life Science



NAME:	TOCC ID:
TOCC EMAIL:	PHONE NUMBER:
TERM OF ADMISSION:	EXPECTED GRADUATION YEAR/TERM:
ADVISOR:	REQUIRED CREDITS FOR DEGREE: 60

### I. General Education Courses (37 cr):

- Tohono O'odham Himdag (7 cr): HIS 122 (3 cr) and select one from the following: THO 101, THO 106 (4 cr)
- Mathematics (4 cr.): MAT 151 College Algebra or higher
- Humanities and Fine Arts (6 cr): Any courses from the General Education selection (Catalog p. 188)
- Social and Behavioral Science (6 cr): Any courses from the General Education selection (Catalog p. 194)
- Lab-loaded Science course (courses with N in the prefix; 8 cr): Select two lab-loaded courses based on our area of interest

Note: MAT 142H and courses ending in N (e.g., BIO 100N) are 4 cr. hrs unless otherwise indicated. The rest of the courses are 3 cr. hrs unless otherwise indicated.

COURSE PREFIX	COURSE NAME	SUBSTITUTE COURSE	SEMESTER	YEAR	CREDITS	GRADE
HIS 122	Tohono O'odham History and Culture					
THO						
WRT 101	Writing I					
WRT 102	Writing II					
MAT						
Humanities and Fine Arts						
Social and Behavioral Sciences						
Two Lab-loaded Science Course						

### II. Core Requirements (2 cr):

COURSE PREFIX	COURSE NAME	SUBSTITUTE COURSE	SEMESTER	YEAR	CREDITS	GRADE
BIO 298	Service Learning Practicum (1 cr)					
BIO 299	Research Practicum (1 cr)					

### III. Electives (21 cr):

- Select courses based on your area of interest

COURSE PREFIX	COURSE NAME	SUBSTITUTE COURSE	SEMESTER	YEAR	CREDITS	GRADE


Recommended Life Science Elective courses based on student interest in Life Sciences (See Faculty Advisor for more information)

**Community and Public Health**

- BIO 127N Human Nutrition & Biology (GE 4 credits)
- BIO 160N Intro to Human Anatomy & Physiology I (4 credits)
- BIO 181N Unity of Life I (GE 4 credits)
- CHM 130N Fundamental Chemistry or CHM 151N General Chemistry I (5 credits)
- CPH 101 Exploring Careers in Health Profession (2 credits)
- CPH 178 Personal Health and Wellness (3 credits)
- CPH 200 Community and Public Health (3 credits)
- Open elective (MAT 225 Basic Statistics Recommended) (3 credits)

**Environmental**

- BIO 105N Environmental Biology (GE 4 credits)
- BIO 181N Unity of Life I (GE 4 credits)
- BIO 182N Unity of Life II (4 credits)
- BIO 208N Tohono O’odham Ethnobotany or ANR 130N Plant Science (4 credits)
- CHM 130N Fundamental Chemistry or CHM 151N General Chemistry I (5 credits)
- Open elective (MAT 225 Basic Statistics recommended) (3 credits)

**Associate of Arts in Life Science**

The Associate of Arts in Life Science is a degree for students planning to transfer to the university in Community and Public Health, Nursing, or Agriculture Technology degree program. It contains a strong core of life science courses. However, unlike the Associate of Science program, it only requires MAT 142H College Mathematics or MAT 225 Introduction to Statistics. The Associate of Arts degree program also allows students to take a broader range of classes to tailor their programs for transfer to the university in the areas listed above.

**Program Learning Outcomes**

Students successfully completing this degree will be able to demonstrate proficiency in the following areas:

1. Demonstrate knowledge of scientific concepts and vocabulary.
2. Design and conduct a research project.
3. Display a sense of place, by being able to identify health and environmental issues and propose a culturally-appropriate solution.
4. Apply critical and creative thinking skills to solve problems.

**Areas of Focus**

**Community and Public Health**— This area is designed for transfer to a Bachelor’s degree in Public Health. Public Health professionals work to protect and improve the health of people and their communities by promoting healthy lifestyles, researching disease and injury prevention, and detecting, preventing, and responding to infectious diseases. Some examples of careers in this area are health and wellness educator, public health administrator, infection control officer, and healthcare consultant.

**Environmental** —This area is designed for transfer into an environmentally-related four-year program which does not require Calculus such as environmental studies, agricultural technology, or agricultural education.

**Students:**

You must secure official approval by your advisor(s) before submitting the **final** Program of Study. By signing or entering your name below, you agree to the following statement: "Students are responsible for complete knowledge of Academic Catalog requirements in their degree plan and for adhering to all policies in Academic Catalog and Student Handbook."

**Signature Panel:**

Please indicate approval of the curriculum on the Program of Study by placing your signature (formal electronic signatures are permitted) in the space provided.

Student:	Date:
Faculty Advisor:	Date:
Academic Advisor	Date:
Registrar:	Date:
Dean of Academics:	Date: