



Tohono O'odham Community College
Associate of Arts in Geographic Information Science



NAME:	TOCC ID:
TOCC EMAIL:	PHONE NUMBER:
TERM OF ADMISSION:	EXPECTED GRADUATION YEAR/TERM:
ACADEMIC ADVISOR:	FACULTY ADVISOR:

Himdag and General Education Requirements:

- **Tohono O'odham Himdag:** (7 cr): HIS 122 (Institutions of Americas: 3 cr) and THO 101 (Written & Oral Comm: 4 cr)
- **Arizona General Education Courses (AGEC) Requirements listed below (with credit requirements)**

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	REPLACEMENT COURSE	SEMESTER	YEAR	CREDITS	GRADE	MET
Institutions of the Americas: (3 cr)							
HIS 122	Tohono O'odham History and Culture						
Written and Oral Communications: (10 cr – first 6 must be composition/technical writing)							
WRT 101	Writing I						
WRT 102	Writing II						
THO 101	Elementary Tohono O'odham I						
Quantitative Reasoning: (4 cr)							
MAT 151	College Algebra						
Arts and Humanities: (6 cr)							
ART 100, ART 115 or ART 150	Basic Design, 3-D Design, Or Color & Composition						
Social and Behavioral Sciences: (6 cr)							
GEO 103	Cultural Geography						
Natural Sciences: (4 cr)							
Total General Education Credits Needed: 33				Total General Education Credits Earned:			

Core Requirements:

COURSE PREFIX	COURSE NAME	REPLACEMENT COURSE	SEMESTER	YEAR	CREDITS	GRADE	MET
MAT 225	Basic Statistics						
CIS 100	Introduction to Computers						
GEO 170	Introduction to Geospatial Technology						

GEO 217	Introduction to Global Positioning Systems (2 cr hr)						
GEO 267	Introduction to GIS						
GEO 277	Advanced Geographic Information Systems						
GEO 285	Internship in GIS (3 cr hrs)						
Total Core Credits Needed: 20				Total Core Credits Earned:			

Electives:

Electives: Choose from the following courses: GEO 205N, ANR 128N, ANR 210N, ANR 225N, ANR 286N, or ANR 290N or any 200 level GEO course.							
COURSE PREFIX	COURSE NAME	REPLACEMENT COURSE	SEMESTER	YEAR	CREDITS	GRADE	MET
Total Core Credits Needed: 7-8				Total Elective Credits Earned:			
Total Program Credits Needed: 60-61				Total Program Credits Earned:			

Associate of Arts in Geographic Information Science

The Associate of Art in Geographic Information Science is designed to prepare graduates who are well-trained, critical and independent thinkers, and technically proficient in the basic principles of geographic information science. Students completing this program are prepared to transfer to a wide range of bachelor’s degree programs including geography, natural resources, environmental science, geology, agriculture, economics, civil/environmental engineering, GIS, among others. This program offers students flexibility in choosing future majors while exploring human and environmental issues alike with a geographic perspective. Graduates will be grounded with a strong foundation in GIS, field mapping, and spatial thinking, skills that will help them excel at the university and beyond.

Program Learning Outcomes:

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

1. Field Mapping and basic GNSS Skills
2. Acquiring Data
3. Creating and Critiquing Maps
4. Thinking Critically and Spatially
5. Analyzing Patterns in Spatial Data
6. Using Maps to Understand the World Around Us

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