

ABOUT DINÉ COLLEGE:

Diné College was founded in 1968 as the first tribal college (TCU) in the United States. Diné College is accredited by the Higher Learning Commission (hlcommission.org), a regional accreditation agency recognized by the U.S. Department of Education. Located in Arizona and New Mexico on the Navajo Nation. Diné College predominately serves Navajo students (92%). The college is a four-year institution and offers master, bachelor's, Associate's degree and certificate programs. The main campus is in Tsaile, Arizona, along with other campuses, centers, and microsities in Shiprock, Tuba City, Windowrock, Crownpoint, Aneth, and Newcomb. The school participates in athletic competitions in rodeo, archery and cross-country. The school is governed by an eight-member Board of Regents.



VISIT US:

<https://www.dinecollege.edu/academics/b-s-biomedical-sciences/>



BACHELOR'S OF SCIENCE DEGREE

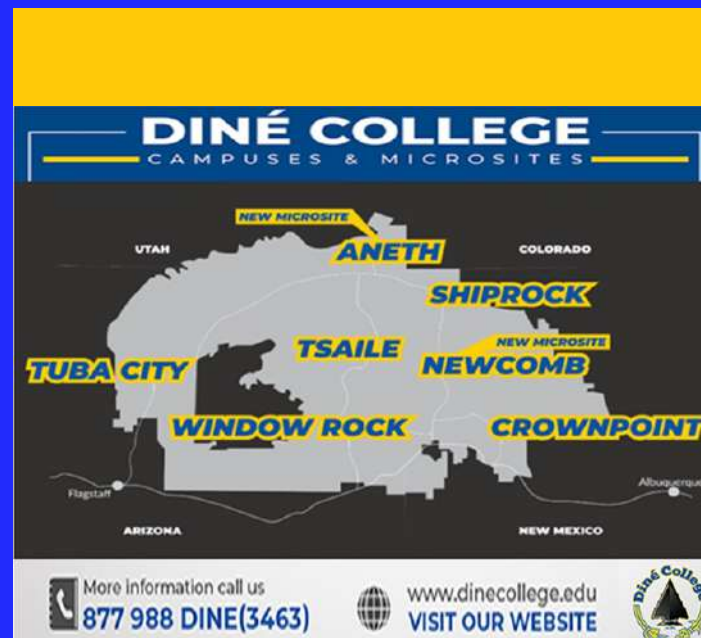
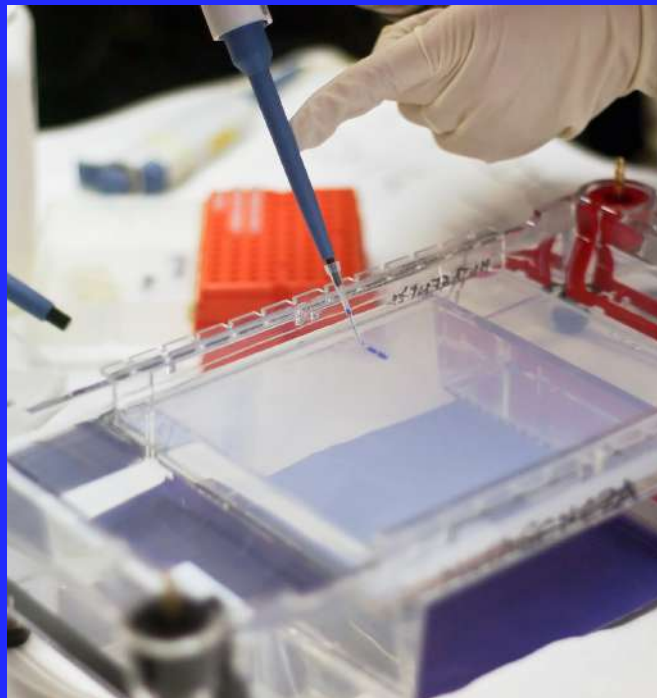
IN BIOMEDICAL SCIENCES

DINÉ COLLEGE
FOUR-YEAR INSTITUTION

WHY ATTEND A TRIBAL COLLEGE?

"86% of TCU (Tribal College & University) students complete their chosen program of study, while fewer than 10% of Native students who go directly from high school on their reservation to mainstream colleges and universities finish their bachelor's degree."

- American Indian College Fund



ABOUT THE PROGRAM:

The Baccalaureate of Science (BS) in Biomedical Science is the first-degree program of its kind among Tribal Colleges & Universities. In addition, only three mainstream institutions in Arizona and three in New Mexico offer the program.

The 125 to 126 credit hours program is designed to prepare students to pursue a career in biomedical science and other healthcare professions.

The 2020 COVID-19 pandemic elevated the importance of careers in health care, both on and off the Navajo Nation. This program will help fulfill the need for health care professionals, provide training for the local healthcare workforce, and develop an understanding and appreciation for biomedical and the health sciences field.

The program emphasizes biomedical health promotion. Graduates will not only have opportunities at many organizations across Navajo, such as; the Indian Health Service, 638 healthcare facilities, Navajo Tribal Utility Authority, Navajo Nation EPA, Navajo Department of Health, but also scientific industries and higher education institutions.

The faculty instructing the program hold advanced degrees and bring national experience.

College's "BS in Biomedical Sciences" Program is first of its kind with objectives aligned to the Diné Education Philosophy, mission and strategic goals described by Nitsáhákees, Naha'tá, liná, and Siihasin.

ADMISSION REQUIREMENTS:

Admission Application with a non-refundable \$20.00 application fee (FYI! for spring 2023 admission fee is covered by Fee Grant so no worries!).

Official Certificate of Indian Blood (CIB) or enrollment card.

Official High School transcript with graduation date or high school equivalency credential (GED, HiSET, TASC, Dual Credit, or College).

CAREERS

Medicine; Osteopathic Medicine; Dentistry Nursing; Pharmaceutical Sciences; Physician Assistant; Occupational Therapy; Physical Therapy; Laboratory Sciences; Medical Research; Paramedics/Emergency Medical Sciences

CONTACT:

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PROGRAM COURSE SEQUENCE:

Freshman Semester I

BIO 181 General Biology I (4)
CHM 151 General Chemistry (5)
ENG 101 Freshman English I (3)
MTH 110 College Algebra (4)

Freshman Semester II

BIO 102 General Biology II (4)
CHM 152 General Chemistry II (4)
ENG 102 Freshman English II (3)
MTH 190 Pre-Calculus (4)

Sophomore Semester III

BIO 201 Anatomy & Physiology I (4)
CHM 301 General Organic Chemistry I (5)
MTH 213 Statistics (4)
General Education Course I (3)

Sophomore Semester IV

BIO 202 Anatomy & Physiology II (4)
CHM 302 General Organic Chemistry II (4)
MTH 191 Calculus (4)
BIO 205 Microbiology (4)

Junior Semester I

PHY 110 Algebra-based Physics I (4)
CHM 310 Introduction to Pharmacology (4)
CHM 360 Fundamental Biochemistry (3)
BIO 344 Cellular & Molecular Biology (4)

Junior Semester II

PHY 111 Algebra-based Physics II (4)
BIO 320 Human Pathophysiology (4)
BIO 340 General Genetics (4)
General Education Course II (3)

Senior Semester III

BIO 495 Cancer Biology (3)
BIO 488 Medical Microbiology (4)
BIO 450 Bioinformatics or Upper Division Elective in any Discipline (3)
General Education Course III (3)
General Education Course IV (3)

Senior Semester IV

BIO 485 Undergraduate Research (4)
Upper Division Elective in any Discipline (3-4)
General Education Course V (3)
General Education Course VI (3)
General Education Course VII (3)

