

NORTH DAKOTA STATE UNIVERSITY

ND STATE



A young man wearing a maroon Patagonia baseball cap and clear safety glasses is leaning over a workbench in a laboratory or workshop. He is focused on his work, with his hands near some equipment. The background is a blurred industrial setting with various structures and equipment.

# EXPERIENCE

## EXPERIENCE

**STUDENTS WANT IT. EMPLOYERS SEEK IT. NDSU PROVIDES IT.**

NDSU is a top-ranked research university where faculty and students are engaged in a wide range of studies that lead to discoveries and new knowledge. Students assist with research and supplement classroom learning with many types of hands-on experiences.





# THE RIGHT MIX

AN NDSU  
EDUCATION  
COMBINES  
TRADITION  
WITH MODERN  
TEACHING  
FACILITIES  
AND RESEARCH  
OPPORTUNITIES  
TO HELP YOU  
REACH YOUR  
FULL POTENTIAL.



WE VALUE THE DIVERSE PERSPECTIVES OF OUR STUDENTS AND STRIVE TO ENSURE A SENSE OF BELONGING AND RESPECT THAT SUPPORTS THE SUCCESS OF EACH PERSON.

**SIZE** About 13,000 students from 49 states and 74 countries make NDSU big enough for a diverse range of people and perspectives, but still small enough to be personal.

**MAJORS** With 100 majors and a 16:1 student-to-faculty ratio, NDSU offers challenging studies in a supportive face-to-face learning environment where more than 67 percent of lecture classes have fewer than 40 students.

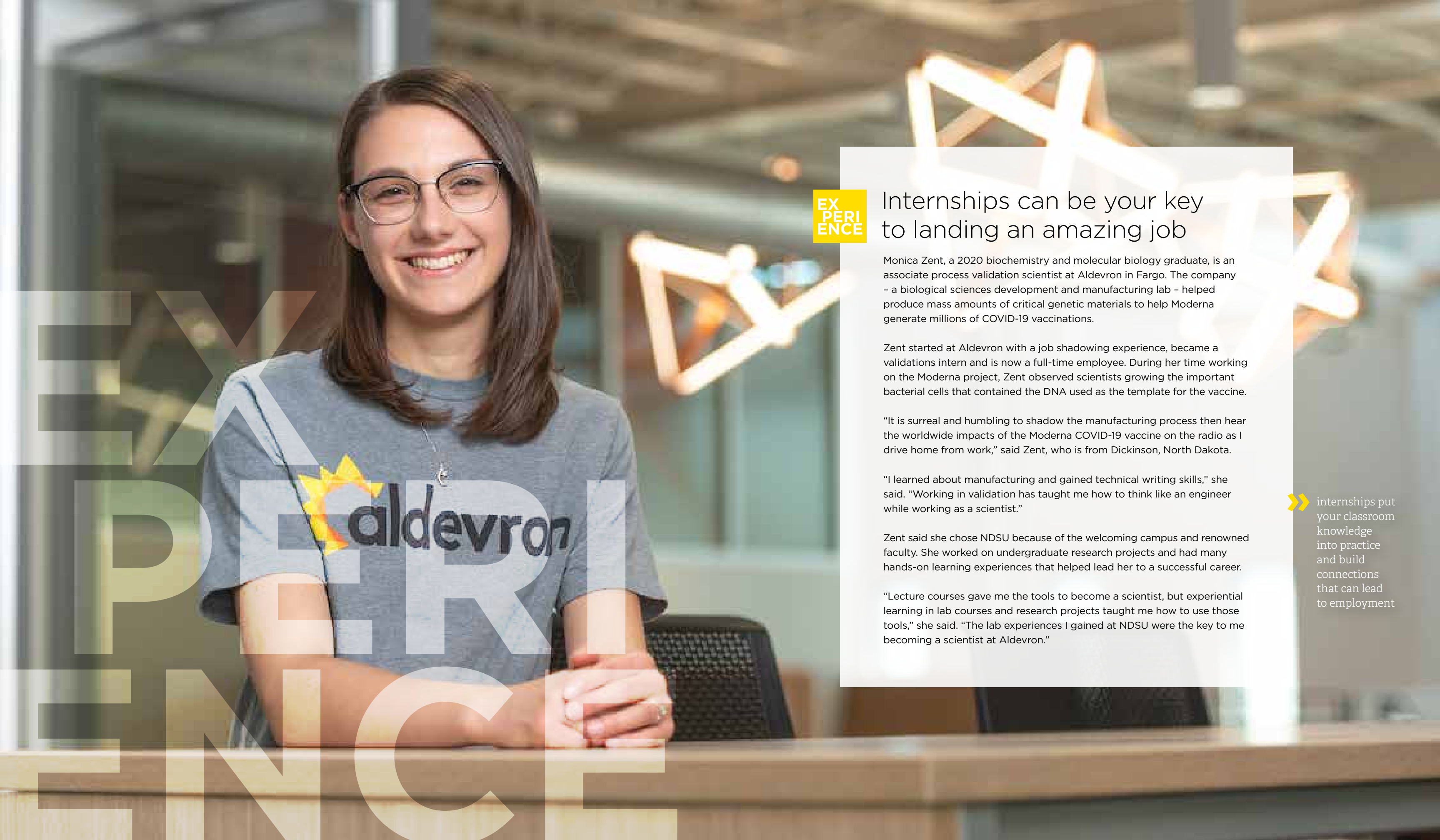
**SUPPORTIVE FACULTY** Student success is important to our faculty, who want you to graduate on time and be competitive in the job market.

**HIGH STANDARDS** NDSU is fully accredited by the North Central Association of Colleges and Schools, and many individual programs have professional accreditation.

**ELITE RANKING** NDSU is listed in the top 100 research universities in the United States for research and development in agricultural sciences, psychology and social sciences, based on reported research expenditures.

**NEW EXPERIENCES** Nearly 300 student organizations provide opportunities outside the classroom, and whether you're an athlete or a fan, our successful Division I athletic teams make college life fun.





## EX PERI ENCE

### Internships can be your key to landing an amazing job

Monica Zent, a 2020 biochemistry and molecular biology graduate, is an associate process validation scientist at Aldevron in Fargo. The company – a biological sciences development and manufacturing lab – helped produce mass amounts of critical genetic materials to help Moderna generate millions of COVID-19 vaccinations.

Zent started at Aldevron with a job shadowing experience, became a validations intern and is now a full-time employee. During her time working on the Moderna project, Zent observed scientists growing the important bacterial cells that contained the DNA used as the template for the vaccine.

“It is surreal and humbling to shadow the manufacturing process then hear the worldwide impacts of the Moderna COVID-19 vaccine on the radio as I drive home from work,” said Zent, who is from Dickinson, North Dakota.

“I learned about manufacturing and gained technical writing skills,” she said. “Working in validation has taught me how to think like an engineer while working as a scientist.”

Zent said she chose NDSU because of the welcoming campus and renowned faculty. She worked on undergraduate research projects and had many hands-on learning experiences that helped lead her to a successful career.

“Lecture courses gave me the tools to become a scientist, but experiential learning in lab courses and research projects taught me how to use those tools,” she said. “The lab experiences I gained at NDSU were the key to me becoming a scientist at Aldevron.”

» internships put your classroom knowledge into practice and build connections that can lead to employment



# PROGRAMS

MAJORS, MINORS, OPTIONS + CERTIFICATES

## COLLEGE OF AGRICULTURE, FOOD SYSTEMS, AND NATURAL RESOURCES

<b>M,m</b>	Agribusiness
<b>M</b>	Agricultural Economics
<b>M,m</b>	Agricultural Systems Management
<b>o</b>	Applied Business
<b>o</b>	Dealership Management
<b>o</b>	Production Agriculture
<b>M,m</b>	Animal Science
<b>o</b>	Animal Agribusiness
<b>o</b>	Animal Biomedical Sciences
<b>o</b>	Animal Production Management and Husbandry
<b>o</b>	Livestock Media
<b>o</b>	Meat Science
<b>o</b>	Pre-Veterinary Medicine
<b>M,m</b>	Biotechnology
<b>M,m</b>	Crop and Weed Sciences
<b>o</b>	Agronomy
<b>o</b>	Biotechnology
<b>o</b>	Science
<b>o</b>	Weed Science
<b>M,m</b>	Economics
<b>o</b>	Quantitative Economics
<b>m</b>	Equine-assisted Activities and Therapies
<b>M,m</b>	Equine Science
<b>m</b>	Food Safety
<b>M</b>	Food Science
<b>m</b>	Food Science and Technology
<b>M,m</b>	General Agriculture
<b>M,m</b>	Horticulture
<b>o</b>	Horticulture Biotechnology
<b>o</b>	Horticulture Landscape
<b>o</b>	Horticulture Science
<b>o</b>	Production/Business
<b>o</b>	Sports and Urban Turfgrass Management
<b>o</b>	Urban Forestry and Parks
<b>o</b>	Sports and Urban Turfgrass Management
<b>m</b>	Large Animal Veterinary Technology
<b>M,m</b>	Microbiology
<b>o</b>	Pre-Veterinary Medicine
<b>M,m</b>	Natural Resources Management
<b>o</b>	Entomology
<b>o</b>	Environmental Sustainability, Outreach and Policy
<b>o</b>	Rangeland Ecology
<b>o</b>	Rangeland Livestock Production
<b>o</b>	Soil Science
<b>o</b>	Water, Habitat, and Environmental Management
<b>M,m</b>	Precision Agriculture
<b>m</b>	Range Science
<b>m</b>	Soil Science
<b>m</b>	Therapeutic Horsemanship
<b>M</b>	Veterinary Technology

## COLLEGE OF ARTS, HUMANITIES AND SOCIAL SCIENCES

<b>c</b>	Advertising and Design
<b>M,m</b>	Agricultural Communication
<b>M,m</b>	Anthropology
<b>M</b>	Architecture
<b>M,m</b>	Art
<b>M</b>	Art Education (K-12)
<b>m</b>	Community Development
<b>m</b>	Creative Writing
<b>M,m</b>	Criminal Justice
<b>M,m</b>	Emergency Management
<b>M,m</b>	English
<b>M,m</b>	French
<b>m</b>	French Studies
<b>m</b>	German Studies
<b>m</b>	Gerontology
<b>M,m</b>	History
<b>M,m</b>	Journalism
<b>M,m</b>	Landscape Architecture
<b>M,m</b>	Management Communication
<b>M,m</b>	Music
<b>o</b>	Instrumental Music Performance
<b>o</b>	Music Education Instrumental
<b>o</b>	Music Education Vocal
<b>o</b>	Piano Performance
<b>o</b>	Vocal Music Performance
<b>M,m</b>	Philosophy/Humanities
<b>M,m</b>	Political Science
<b>m</b>	Pre-Law
<b>M</b>	Public History
<b>c</b>	Publishing
<b>m</b>	Religion
<b>M,m</b>	Sociology
<b>M,m</b>	Spanish
<b>m</b>	Spanish Studies
<b>M,m</b>	Strategic Communication
<b>M,m</b>	Theatre Arts
<b>o</b>	Design and Technical Theatre
<b>o</b>	Musical Theatre
<b>o</b>	Performance
<b>m</b>	Tribal and Indigenous People Studies
<b>M</b>	University Studies
<b>M,m</b>	Women and Gender Studies

## COLLEGE OF BUSINESS

<b>M,m</b>	Accounting
<b>m</b>	Banking
<b>M,m</b>	Business Administration
<b>m,c</b>	Entrepreneurship
<b>M,c</b>	Finance
<b>m</b>	Fraud Investigation
<b>m</b>	Logistics Management
<b>M</b>	Management
<b>o</b>	Human Resource Management
<b>M,m</b>	Management Information Systems
<b>M</b>	Marketing
<b>c</b>	Professional Selling

## COLLEGE OF ENGINEERING

<b>m</b>	Aerospace Studies—Air Force ROTC
<b>M</b>	Agricultural and Biosystems Engineering
<b>o</b>	Agricultural
<b>o</b>	Biosystems
<b>m</b>	Biomedical Engineering
<b>M</b>	Civil Engineering
<b>M</b>	Computer Engineering
<b>M,m</b>	Computer Science
<b>M</b>	Construction Engineering
<b>M</b>	Construction Management
<b>M</b>	Electrical Engineering
<b>M</b>	Environmental Engineering
<b>M,m</b>	Industrial Engineering and Management
<b>M,m</b>	Manufacturing Engineering
<b>M</b>	Mechanical Engineering
<b>o</b>	Coatings and Polymeric Materials
<b>m</b>	Military Science—Army ROTC
<b>M,m</b>	Natural Resources Management
<b>o</b>	See options under College of Agriculture, Food Systems, and Natural Resources
<b>m</b>	Reliability Engineering
<b>m</b>	Robotics

## COLLEGE OF HEALTH PROFESSIONS

<b>M</b>	Health Services
<b>M</b>	Medical Laboratory Science
<b>M</b>	Nursing
<b>M</b>	Pharmacy (Pharm.D.)
<b>m</b>	Public Health
<b>M</b>	Radiologic Sciences
<b>M</b>	Respiratory Care

## COLLEGE OF HUMAN SCIENCES AND EDUCATION

<b>c</b>	Aging Studies
<b>M,m,c</b>	Apparel, Retail Merchandising and Design
<b>o</b>	Fashion Product Development
<b>o</b>	Retail Merchandising/Fashion Entrepreneurship
<b>M</b>	Dietetics
<b>o</b>	Dietitian Education Program
<b>o</b>	Didactic Program in Dietetics
<b>M</b>	Exercise Science
<b>c</b>	Family Financial Planning
<b>m</b>	Gerontology
<b>M,m</b>	Hospitality and Tourism Management
<b>M,m</b>	Human Development and Family Science
<b>o</b>	Adult Development and Aging
<b>o</b>	Child and Adolescent Development
<b>o</b>	Family Science
<b>M,m</b>	Interior Design
<b>M</b>	Sport Management
<b>m</b>	Wellness
<b>M,m</b>	Women and Gender Studies

### Secondary Education:

<b>M</b>	Agricultural Education
<b>M</b>	Biological Sciences Education
<b>M</b>	Business Education
<b>M</b>	Chemistry Education
<b>M</b>	Comprehensive Science Education
<b>M</b>	Earth Science Education
<b>M</b>	English Education
<b>o</b>	Communication
<b>m</b>	Extension Education
<b>M</b>	Family and Consumer Sciences Education
<b>M</b>	French Education
<b>M</b>	Health Education
<b>o</b>	School Health Education
<b>M</b>	History Education
<b>M,m</b>	Instrumental Music Education
<b>M</b>	Mathematics Education
<b>M</b>	Physical Education (K-12)
<b>M</b>	Physics Education
<b>M</b>	Social Science Education
<b>M</b>	Spanish Education
<b>M,m</b>	Vocal Music Education

### Via Valley City State University:

Elementary Education (available as a second degree with Human Development and Family Science)

### Via Minot State University:

Social Work (available as a second degree with Human Development and Family Science)

## COLLEGE OF SCIENCE AND MATHEMATICS

<b>M</b>	Behavioral Statistics
<b>m</b>	Biochemistry
<b>M</b>	Biochemistry and Molecular Biology
<b>M,m</b>	Biological Sciences
<b>M,m</b>	Biotechnology
<b>m</b>	Botany
<b>M,m</b>	Chemistry
<b>o</b>	American Chemical Society Certified
<b>o</b>	Biochemistry
<b>o</b>	Chemistry Education
<b>o</b>	Coatings and Polymeric Materials
<b>o</b>	Pre-Professional
<b>m</b>	Coatings and Polymeric Materials
<b>m</b>	Environmental Geology
<b>m</b>	Geography
<b>M,m</b>	Geology
<b>c</b>	GIS and Remote Sensing
<b>m</b>	Managerial Psychology
<b>M,m</b>	Mathematics
<b>o</b>	Mathematics and Computer Science
<b>o</b>	Mathematics and Physics
<b>o</b>	Mathematics and Statistics (Pre-Actuarial Science)
<b>M,m</b>	Natural Resources Management
<b>o</b>	See options under College of Agriculture, Food Systems, and Natural Resources
<b>m</b>	Neuroscience
<b>M,m</b>	Physics
<b>o</b>	Computational Physics
<b>o</b>	Optical Science and Engineering
<b>M,m</b>	Psychology
<b>o</b>	Natural Science
<b>o</b>	Social Science
<b>M,m</b>	Statistics
<b>o</b>	Pre-Actuarial Science
<b>m</b>	Zoology

### \*Pre-professional preparation:

Chiropractic  
Dentistry  
Medicine  
Mortuary Science  
Optometry  
Osteopathy

### GLOBAL BUSINESS

The Global Business major at NDSU is offered concurrently with the primary undergraduate major in many departments.

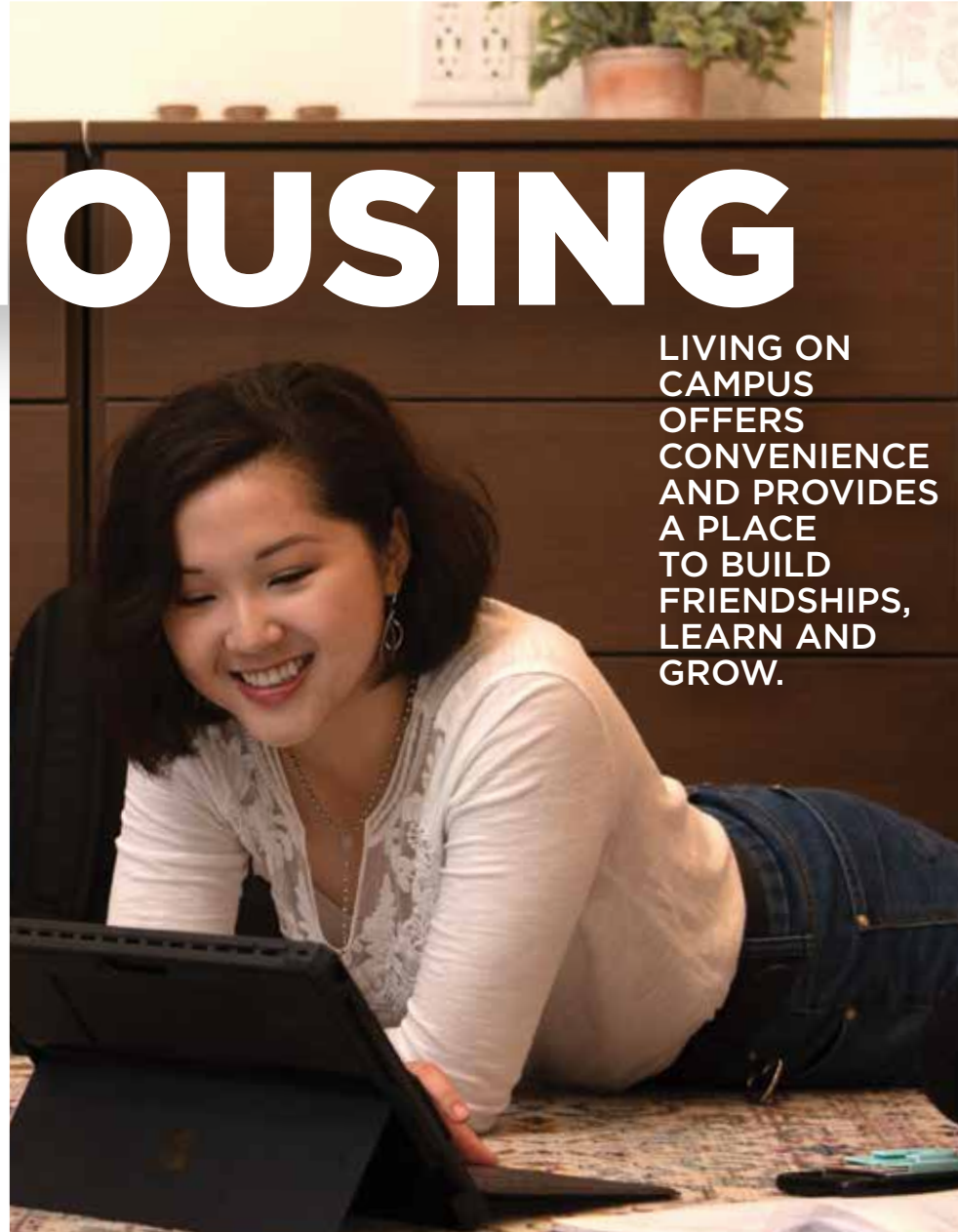
### INTERNATIONAL STUDIES

The International Studies major at NDSU is offered concurrently with the primary undergraduate major in many departments.



# HOUSING

LIVING ON CAMPUS OFFERS CONVENIENCE AND PROVIDES A PLACE TO BUILD FRIENDSHIPS, LEARN AND GROW.



## HOUSING APPLICATION PROCESS

There is no deadline to apply for housing for first-year students, but for a better chance of living in your first hall choice, you are encouraged to apply for housing early. Students who live on campus at NDSU have been shown to have higher GPAs and higher graduation rates. For these reasons, first-year students are required to live on campus.

To apply for housing, visit [ndsuhousing.com/reslife/apply](https://ndsuhousing.com/reslife/apply). You must be admitted to NDSU prior to applying for housing.

FROM STATE-OF-THE-ART RESIDENCE HALLS TO MODERN APARTMENT LIVING, NDSU RESIDENCE LIFE OFFERS A VARIETY OF HOUSING OPTIONS FOR YOUR FIRST YEAR THROUGH YOUR ENTIRE COLLEGE CAREER.

## LEARNING COMMUNITIES

Residence Life offers learning communities in select academic and special-interest areas. Learning communities provide an opportunity for students to connect with peers and faculty and to participate in activities unique to their communities.

### RESIDENCE HALLS

Burgum  
Cater  
Churchill  
Dinan  
Mathew Living Learning Centers  
Niskanen  
Pavek  
Reed-Johnson  
Seim  
Sevrinson  
Stockbridge  
Thompson  
Weible

### APARTMENTS

1701  
Bison Court  
Niskanen Expansion  
University Village





# CAMPUS

IN ADDITION TO CUTTING-EDGE CLASSROOMS AND LABS, NDSU OFFERS GREAT SPACES FOR DINING, STUDYING, RECREATION AND WELLNESS.



## WELLNESS

The wellness center features a climbing wall, racquetball and basketball courts, fitness studios for personal training, indoor cycling, boxing and martial arts, a multipurpose gym, running tracks and the aquatic center. The Student Health Service clinic and a pharmacy also are located in the building.

## DINING

NDSU offers three dining centers with meal plan options for on- and off-campus students. The Memorial Union also features a food court with six quick-service options. Several coffee shops on campus provide places to snack, study and meet friends between classes.

## TRANSPORTATION

Getting around campus is easy. It's just a short walk between most buildings, and some are connected by skywalks or underground tunnels. You'll also have access to free bus rides throughout the community.





## Create out-of-this-world technology

NDSU computer, electrical and mechanical engineering students developed a remote-controlled, solar-powered robot to help build structures on the moon. It got NASA's attention, earned major awards and elements of the final product could end up on the next lunar mission.

With support and encouragement from faculty, the Pathbuilder team, including senior computer engineering major Alex Hubbard, spent about a year on the project.

"We've had a lot of professors there to help us," said Hubbard, who is from Spicer, Minnesota. "They've gone out of their way to make sure we solve every problem. NDSU has a lot of amazing people."

The NDSU robot was created to bulldoze and compact the moon's surface, which could allow structures to be built. The design was selected as one of seven national winners in the Moon to Mars eXploration Systems and Habitation Academic Innovation Challenge, which finds projects to assist the Artemis missions for NASA's Moon to Mars explorations. The prize was \$34,000 to further innovate the idea.

"This project has been a blast," Hubbard said. "It's been amazing to think about all that we've been able to learn, create and build at NDSU. We jumped in, worked together and loved the entire process."

EX  
PERI  
ENCE

» competitions allow you to get hands-on experience, build teamwork and leadership skills and gain national recognition



# JOIN THE CLUB

EXPLORE  
YOUR  
INTERESTS  
AND TRY  
NEW  
THINGS  
THROUGH  
ONE (OR A  
FEW) OF  
NDSU'S 300  
STUDENT  
CLUBS.



STUDENT ORGANIZATIONS AT NDSU PROVIDE OPPORTUNITIES FOR YOU TO GET INVOLVED OUTSIDE THE CLASSROOM. JOINING A CLUB CAN PROVIDE A COMPETITIVE OUTLET, ALLOW YOU TO MAKE FRIENDS, BUILD LEADERSHIP SKILLS AND ENHANCE YOUR SOCIAL NETWORK.







EXPERIENCE

EX  
PERI  
ENCE

Biomedical science combines biology and medicine as a starting point for breakthroughs in health care. That's why Taylor Dalbey chose the emphasis as an NDSU biology student.

## Enhance career prospects with a major emphasis

"The biomedical science emphasis is great for students who plan to pursue careers in biomedical research, medicine and other health professions," the senior from Fordville, North Dakota, said.

First offered in 2020, biomedical science emphasis focuses on anatomy, physiology, biochemistry, genetics and genomics. Students are often heavily involved in research and many choose to advance to graduate school, medical school or professional programs after completing their undergraduate degree.

Students in the program prepare for careers in dentistry, optometry, podiatry, immunology, genetics and biology, among others. They also can help make advancements in infectious diseases and scientific discoveries that make a positive impact on the world. Undergraduate biology majors also may choose an emphasis on ecology and conservation science or environmental science.

"I learned many lessons at NDSU that I will take with me as I move on to the next chapter in my academic career," Dalbey said. "My leadership abilities improved and I gained strong study skills that will be important as I study to become a doctor," Dalbey said. "I have also participated in a variety of hands-on experiences through lab work that have advanced my critical thinking skills."

» choosing an emphasis within your major can equip you with specialized skills and knowledge for employment and post-graduate studies



# ATHLETICS

NDSU ATHLETICS  
RANKS AMONG  
THE OVERALL  
BEST NCAA  
DIVISION I  
PROGRAMS IN  
THE NATION,  
GIVING BISON  
FANS LOTS TO  
CHEER ABOUT.

## A WINNING TRADITION

NDSU annually ranks in the top third of the national Directors' Cup Standings – a measure of success across all sports – and the Bison have combined to win 28 national championships in six sports including the football team's 16th national title in 2019. NDSU men's basketball earned its fifth berth in NCAA March Madness in 2020 and women's track and field in 2021 ran its conference championship winning streak to a 27-straight indoor and outdoor titles combined. Bison softball has made 10 NCAA tournament appearances in 12 years, and Payton Otterdahl recently became the first NDSU Division I national champion with men's indoor titles in the shot put and weight throw before qualifying for the 2021 Tokyo Olympics.

## ACADEMIC SUCCESS

NDSU student-athletes also perform at a high level in the classroom. Each of NDSU's 14 sport programs recorded team GPAs greater than 3.0 during the spring 2021 semester, and the department's approximately 400 student-athletes combined for an overall average GPA of 3.34. NDSU also has received the Summit League's Institutional Academic Achievement Award.



## WOMEN'S TEAMS

Basketball  
Cross Country  
Golf  
Soccer  
Softball  
Track and Field  
Volleyball



## MEN'S TEAMS

Baseball  
Basketball  
Cross Country  
Football  
Golf  
Track and Field  
Wrestling





#### A GREAT LOCATION

Fargo consistently appears on national lists of the best places to live and is noted for its safety, health care, recreation, job opportunities and economic development.

Three of NDSU's academic buildings are in downtown Fargo, near dozens of great options for dining, shopping and entertainment.

#### A HUB FOR ART, CULTURE AND ACTIVITIES

The community offers 99 miles of bike trails, 3,000 acres of parkland and 20 public golf courses. It's also home to museums, movie theaters, concerts and a wide range of sporting events at many venues. Great fishing and water activities are available at your choice of dozens of lakes just a quick drive out of town.

Community events in Fargo range from movies in the park, street fairs and winter festivals to an annual marathon, symphony performances, TedX Fargo and entrepreneurial startup weekends.



# THE COMMUNITY

THE METRO-AREA POPULATION OF NEARLY 240,000 MAKES FARGO-MOORHEAD THE LARGEST COMMUNITY BETWEEN MINNEAPOLIS AND SEATTLE.



State-of-the-art facilities, combined with real-life scenarios, provide NDSU students with important learning opportunities to build on classroom knowledge.

## Hone your skills through real-life experiences

### EXPERIENCE

In Aldevron Tower, a nursing skills lab and simulation center creates an environment for students to practice advanced nursing skills. A concept pharmacy laboratory allows students to experience all aspects of pharmacy practice in an interactive environment.

“I chose NDSU because of its incredible reputation and the hands-on opportunities that the nursing skills lab provides,” said nursing student Ola Ajijola. “I knew I would learn from nationally recognized leaders in education, research and outreach.”

More than 100 NDSU students became part of history while gaining practical experience during the coronavirus pandemic. Students in public health, nursing, pharmacy and emergency management were trained to assist with contact tracing and vaccinations.

“It’s one thing to learn about a global pandemic in textbooks, it’s quite another to live through it and get to be part of a solution,” said pharmacy student Cassidy Coleman.

These kinds of experiences will set you apart in the the job market and prepare you for success in your future career.

» top-notch learning environments at NDSU prepare you for success in the job market







# NEXT STEPS

NOW THAT YOU'VE EXPERIENCED WHAT NDSU HAS TO OFFER, FOLLOW THESE STEPS TO APPLY FOR ADMISSION, HOUSING, FINANCIAL AID AND ORIENTATION.

**1. APPLY FOR ADMISSION.**

Incoming freshmen are encouraged to complete the online application between August and December. There is no application fee, and NDSU is test optional through 2023.

**2. COMPLETE THE HOUSING CONTRACT.**

There is no deadline, but you do need to be admitted prior to completing the housing contract. Hall placement is based on the date the application and \$100 room reservation fee are received.

**3. COMPLETE THE FREE APPLICATION FOR FEDERAL STUDENT AID (FAFSA).**

Apply for financial aid at <https://studentaid.gov/h/apply-for-aid/fafsa> as early as October 1. The priority deadline is February 1. You must be admitted to be considered for financial aid at NDSU.

**4. SUBMIT A SCHOLARSHIP APPLICATION.**

The application deadline for freshman scholarships is February 1.

**5. CONFIRM YOUR INTENT TO ENROLL.**

Instructions will be sent to admitted students beginning in February. NDSU's commitment deadline is May 1.

**6. ATTEND A SUMMER ORIENTATION AND REGISTRATION SESSION.**

Information is mailed to newly admitted students in April. During orientation and registration, students experience campus life, meet faculty, develop a course schedule and register for classes.





# THANK YOU

Thanks for considering NDSU.  
We look forward to seeing you  
on campus again soon.

**NDSU** NORTH DAKOTA  
STATE UNIVERSITY

 [ndsuadmission](#)

 [facebook.com/ndsu.fargo](#)

OFFICE OF ADMISSION [ndsu.edu/admission](#) 1.800.488.NDSU OR 701.231.8643 NDSU Dept 2832 PO Box 6050, Fargo, ND 58108-6050

NDSU does not discriminate in its programs and activities on the basis of age, color, gender expression/identity, genetic information, marital status, national origin, participation in lawful off-campus activity, physical or mental disability, pregnancy, public assistance status, race, religion, sex, sexual orientation, spousal relationship to current employee, or veteran status, as applicable. Direct inquiries to: Vice Provost, Title IX/ADA Coordinator, Old Main 201, 701-231-7708, [ndsu.eoaa@ndsu.edu](#). 07/21/8.5M