

Biology

nwcsiowa.edu/biology

Genetics, Molecular and Cellular Biology
Health Professions
Ecological Science

Study options

- Biology
- Biochemistry
- Ecological science
- Genetics, molecular and cellular biology
- Health professions
- 10 pre-professional tracks (chiropractic, dentistry, medicine, mortuary, occupational therapy, optometry, pharmacy, physical therapy, physician assistant and veterinary medicine)

Faith focus

A Christian perspective is integrated with everything at Northwestern. Frankly, there are few disciplines where that's more important—or more impactful—than in the sciences. It's what sets NWC apart from other colleges and universities where faith is either on the margins or missing altogether.

State-of-the-art science center

- Opened in 2018, our new DeWitt Family Science Center houses biology, chemistry and nursing. Its state-of-the-art classrooms and labs are designed for hands-on exploration and discovery.
- We also have a human cadaver lab and both forest and tallgrass prairie field sites.

Expert profs + free tutoring

- 6 full-time professors with PhDs from research universities like Colorado State, Northwestern University (Chicago), University of California Santa Barbara and Utah
- Personal attention and opportunities for one-on-one collaborative research that could be published before you graduate
- Full-time professional science tutor and 70+ student tutors

Elite research experience

We're 1 of just 2 institutions in Iowa and 1 of just 40 baccalaureate colleges worldwide selected for elite SEA-PHAGES and SEA-GENES research. The program involves students in a global effort to discover phages and sequence and annotate their DNA. So far, more than 40 NWC undergrads have peer-reviewed publications to tout as a result of their phage research and discoveries.

Internships + exotic study

Established connections to area hospitals, clinics and local scientific corporations give students impressive hands-on experience. Off-campus study opportunities include the AuSable Institute (MI, WA, Costa Rica and India) or Creation Care Study Program (Belize, Central America, New Zealand, Samoa).

Top 10% MCAT + 80% admit rate

- Our students' MCAT (Medical College Admission Test) scores are in the top 10% worldwide.
- 80% of our med school applicants are accepted the first time they apply. That's impressive compared with the national acceptance rate: 45%.

PA master's

Northwestern offers a 2-year Master of Science in Physician Assistant Studies. NWC graduates are given preference in the admission process.

Unlimited career opportunities

Our grads are working and learning at: Abundant Life Christian School, Honduras ▪ Coldwater Fdn. wilderness instruction ▪ Exemplar Genetics ▪ Gila Ridge High School ▪ Indiana U School of Optometry ▪ Kansas Bureau of Investigation DNA specialist ▪ M.D. Anderson Cancer Center ▪ NC State U genetics research ▪ U of Iowa Carver College of Medicine ▪ U.S. Forest Service ▪ White House Medical Unit