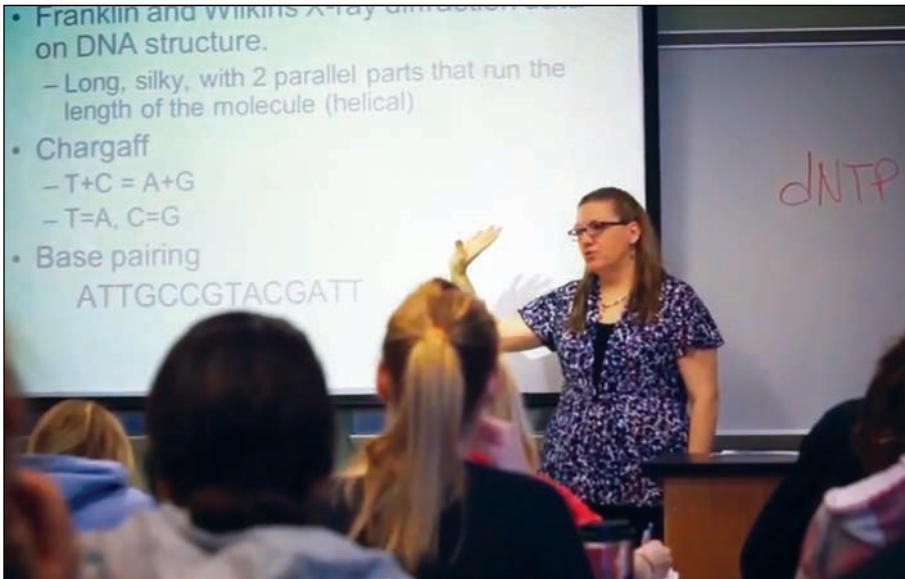


COLLEGE OF NATURAL AND SOCIAL SCIENCES

BIOLOGY



BIOLOGY 7-12 TEACHING SUBJECT ENDORSEMENT

Bachelor of Science in Education

A student will develop biology knowledge, skill and experience needed to be an effective science teacher with a Biology 7-12 Education major. Working alongside faculty members in the department, mentors encourage active participation and hands-on learning, emphasize research and discovery, and are committed to the development of future biology teachers.

After completing the requirements, a graduate will be qualified to teach grades 7-12 in public or private school systems or can pursue an advanced degree. Education degrees are a cornerstone of UNK, which has produced some of Nebraska's top biology teachers.

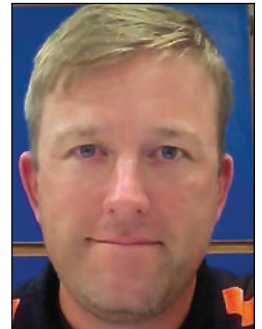
Reasons to choose biology at UNK

- Faculty in the UNK Biology department have a belief that biology "is doing, not seeing."
- Hands-on learning is incorporated into the coursework.
- Students have options to conduct independent research projects with faculty guidance.
- Students have opportunity for admittance into the NE-INBRE scholars program.

UNK has grown from 96 students in its first year to nearly 7,000 today.

Alumni profile

After graduating with a Biology Education Endorsement 7-12 and Physical Education in 2005, Ben Klein is responsible for the scientific education of approximately 150 students at Lexington Public Schools in Lexington, Neb., with the goal for all of them to be proficient on the NeSA-Science exam.



BEN KLEIN

"My students love to hear my lab stories. When we read books and assignments about what scientists are doing, I show them and share my research skills because I have actually done it. I even have the lab coat to prove it."

As an undergraduate, Klein says he had fantastic research experience with mentors Dr. Kim Carlson and Professor Darby Carlson. "They coached, but never took over. They allowed me to make mistakes."

"I found the department faculty very approachable and ready to answer any of my questions. Never once did I feel as though I had asked a question that was beneath them."

Klein, a fourth-generation education graduate from Kearney State/UNK, has a natural love for the outdoors and a father who teaches high school biology. "I am genetically predisposed to teach biology."

Personal traits for success in biology education:

- Demonstrates passion with subject
- Thinks creatively
- Loves being around others
- Manages classroom atmosphere
- Communicates effectively
- Promotes positive behavior
- Handles behavioral issues

BIOLOGY 7-12 TEACHING SUBJECT ENDORSEMENT

Bachelor of Science in Education

FOUR YEAR CLASS SCHEDULE

The schedule is a guideline for progress toward a degree. Consult with your academic advisor.

<p>Semester 1 (14 credits)</p> <p>BIOL 105 Biology I CHEM 160 General Chemistry I ENG 101 English Composition Portal course 188 (your choice)</p>	<p>Semester 2 (17 credits)</p> <p>BIOL 106 Biology II CHEM 161 General Chemistry II ENG 102 Writing & Research PSCI 110 Intro. to American Politics TE 100 Teaching in Democratic Society</p>
<p>Semester 3 (17 credits)</p> <p>BIOL 201 Biology Tools BIOL 290 Evolution CHEM 250 Organic Chemistry + Lab TE 204 Typical/Atypical Growth SPCH 100 Speech</p>	<p>Semester 4 (16 credits)</p> <p>BIOL 305 Biological Statistics BIOL 307 Ecology PHYS 201 Earth Science MATH By placement TE 206 Instr. Technology Preservice Tch.</p>
<p>Semester 5 (15 credits)</p> <p>BIOL 375 Scientific Communication BIOL 360 Genetics TE 306 Reading & Inclusion Humanities General Studies Aesthetics General Studies</p>	<p>Semester 6 (15 credits)</p> <p>BIOL 420 Biology Research TE 319 Management & Assessment TE 320 Field Experience Humanities General Studies PHYS 301 Advanced Physical Science Elective</p>
<p>Semester 7 (17 credits)</p> <p>BIOL 420 Biology Research BIOL 471 Methods in Secondary Sci. Social Sciences General Studies PE 150 GS Healthy, Wealthy, & Wise Capstone 388 (your choice) Elective Elective</p>	<p>Semester 8 (12 credits)</p> <p>TE 400 Student Teaching</p>



Biology organizations

- Biology Club
- Wildlife Society
- Sigma Xi

Did you know...?

Strong student-faculty relationships are a focal point of the UNK experience.

Faculty interact on a personalized basis with students as teachers, advisors, mentors and friends.

The biology department is located in Bruner Hall and occupies over 20,000 square feet on two floors.

Classroom laboratories, a 1,500-square-foot greenhouse, herbarium, mammal collection, and a Mobile Environmental Laboratory (MEL) are all maintained for teaching and research.

UNK Biology recently received the university-wide departmental teaching award.

This award recognizes excellence in teaching among all NU campuses. Dedicated to challenging and motivating students, the teaching staff models what it means to be a life-long learner and inspires students to do as well.

Scholarships available:

- Rex Carr Endowed Scholarship
- Laddie and Iris Bicak Family Scholarship
- Amanda Bosak Memorial Scholarship
- Harvey E. Cole Memorial Scholarship
- DeeAnna Delaet Endowed Scholarship
- Mildred Bensen Hansen Scholarship
- David J. Keen Jr. Memorial Scholarship
- John C. W. Bliese Biology Endowment

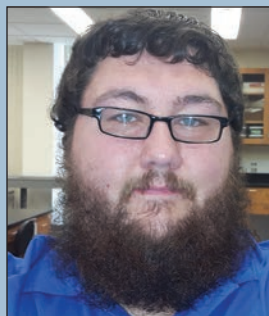


For more information, contact:

Dr. Joe Springer
 Professor, Chair of Department
 Bruner Hall of Science, 335B
 (308) 865-8920
 springerj@unk.edu

BIOL - 0714

STUDENTPROFILESTUDENTPROFILESTUDENTPROFILE



Tyler Richardson

"I chose my major because I have always had a love of nature and animals. Plus, biology was my favorite subject in school and I want to spread my love of biology to new generations."

MAJOR: EDUCATION/BIOLOGY 7-12

HOMETOWN: McCook, Neb.

GRADUATION YEAR: 2016