

GRADUATION



Amanda Towry made the journey from San Antonio, Texas to attend the graduation ceremony in July.

Summer 2017 Graduates:

Kandra Auwerda - Eustis, Nebraska; Kali Hines - Colorado Springs, Colorado; Michael Hoehn - Plainfield, Illinois; Velyda Moeller - Fremont, Nebraska; James Nitz - Cherokee Iowa; Kimberly Theobald - Sterling, Nebraska; Amanda Towry - San Antonio, Texas



Spring 2017 Graduates:

Michael Arthur - Calimesa, California; Brandie Bellefeuille - Woodrow, Colorado; Thomas Koldys - Saint Albans, Vermont; Gary Miller - Menifee, California; Matthew Steinbarger - Sidney, Ohio

COURSES STILL AVAILABLE IN MYBLUE FOR FALL

MAJOR EMPHASIS AREA /SUPPORTING COURSES/ELECTIVES

- BIOL 840 02 Infectious Diseases
- BIOL 862 Animal Behavior
- CHEM 864 Analytical Chem for HS Teachers (2 cr)
- CHEM 899 Nanoscience for HS Teachers (1 cr)

ELECTIVE COURSES ONLY

- TE 803 02 Philosophy of Education
- TE 805P Overview of Assistive Technology
- TE 854 Reading in the Content Areas

PROFESSIONAL COMPONENTS

- TE 886 01/02 Technology Tools for Teachers
- TE 804 01/02 Curriculum Development in Multi-cultural Education

CAPSTONE

- SMED 888 – Science/Math Education Capstone



PROGRAM ADVISING TIPS

SPRING REGISTRATION

- **PHYS 800 Advanced Physical Science** (spring 2018) – recommended for everyone for class for major emphasis area or supporting course
- List of anticipated spring classes, [SPRING CLASSES](#)
- **Early registration** for students currently enrolled this fall: **Oct. 23rd – Nov. 10th**
- **Open registration** for students **not** enrolled in fall classes: **Nov. 13th**



PROGRAM BLUEPRINTS

- Projected online course schedule
- **SAMPLE** of Program of Studies

[PROGRAM LAYOUT](#)

GENERAL PROGRAM FACTS

- Plan courses in math and physics/physical science and the curriculum course because these classes are primarily offered during the summer semester
- Every semester courses in biology, chemistry and pedagogy are offered along with the research course
- To ensure your ideal course registration each semester, register early or as soon as you can for classes especially for **popular classes**.
 - **BIOL 838, BIOL 839, BIOL 845, BIOL 857, BIOL 858, TE 800**
- The more popular courses in chemistry are
 - **CHEM 810** Environmental Chem for HS Teachers
 - **CHEM 823** (899P ST) Nanoscience for HS Teachers (1 cr)
 - **CHEM 820** Inorganic Chem for HS Teachers I
- **CHEM 820** is categorized as a review of general chemistry

WHAT TO DO WHEN FALL CLASSES ARE FULL

Contact the preferred individual for each department to have permits issued or to be placed on a waiting list:

- **Biology (BIOL)** - *Brian Peterson, Program Coordinator* (msbiology@unk.edu or 308.865.1589)
- **Chemistry (CHEM)** - *Dr. Scott Darveau, Department Chair* (darveausa@unk.edu or 308.865.8491)
- **Teacher Education (TE)** - *Holly Peterson, SCI/MATH Ed Program Coordinator* (msedsci@unk.edu or 308.865.8043)

FALL 2017 COMMENCEMENT

Commencement ceremony will take place on Friday, December 15th at 10:00 a.m. in the UNK Health and Sports Center. Consider making the trip to Kearney for graduation. If you do, let us know because we would like to meet you.



Apply for fall graduation in MyBlue by September 15th whether or not you will be attending graduation. The cost to apply for graduation is \$25. If you miss the deadline to apply for graduation, please contact Danielle Kluver kluverde@unk.edu or (308) 865-8444.

COMPREHENSIVE EXAMINATION

Fall Tentative Schedule: Written comps will be scheduled at in the mid to late September. If needed, oral presentations will be scheduled in November. An exact schedule will be determined as it gets closer. To sign up for fall comps, contact Holly Peterson (msedsci@unk.edu or 308.865.8043) to be added to the list.

Purpose: The purpose of the Comprehensive Exam is to determine the degree candidate's level of knowledge and ability to apply that knowledge to their teaching assignment, as well as the impact of degree coursework on the candidate's professional knowledge.



Proctored Format: The proctored part of the written comps is a closed-book, closed-notes written test that will contain questions on topics relating to one-half and three-fourths of the courses in the student's degree program. Questions are composed by course instructors and compiled by the Program Director. Students may come to UNK to take the test or arrange for a proctor (usually a supervisor, work colleague, or other responsible adult who is not related or married to the student) in order to take the test in their community.

Take Home Format: The take home part of the written comps will consist of a research question using notes and references and will not need to be proctored. Students will have one week to respond to the question while citing three to four references. **NOTE:** The take home question is only for those students not taking the capstone course in older catalogs.

Oral Exam Format: The format of the oral comps will be determined by the Program Committee but will usually consist of a meeting between the student and the Committee in person or via videoconferencing (Skype, Zoom, etc.) during which the student will answer questions posed by Committee members. Oral comps will be focused on topic areas that were determined through the grading of the written comps that did not meet program assessment expectations.

DUAL CREDIT QUALIFICATIONS



The Higher Learning Commission (HLC) now requires teachers teaching dual credit to hold a master's degree in a discipline with a minimum of 18 graduate hours in the discipline or subfield they teach. Your program can be designed or set up to meet the new requirements from the HLC by taking 6 credits hours of electives in addition to the 12 credit hours in your major emphasis area totaling the 18 credit hours needed.

JOIN US ON SOCIAL MEDIA



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UNK Science/Math Education Program

Tweets and posts include information about the program, information about upcoming conferences, important information in the science and math fields, and fun encouraging life quotes.

2017 NATM / NATS ANNUAL FALL CONFERENCE

Sept. 7 – 9 Kearney, NE

Check either website for registration information about this joint conference which will feature top-notch presenters and to learn about new science and math opportunities.

Nebraska Association of Teacher of Mathematics (<http://www.natmathematics.org>)
Nebraska Association of Teacher of Science (<https://nebraskaacademyofsciences.wildapricot.org/NATSFC>)



2017 SPRING NETA CONFERENCE



The Science/Math Education Graduate Program shared a booth with the Teacher Education Graduate Programs at the Nebraska Spring Ed-Tech Conference held in Omaha in April. *Holly Peterson, Science/Math Education Program Coordinator, is pictured on the left.*



LET US KNOW

Please let us know if you have news or ideas for our next Science/Math Education Program newsletter. We are looking to include news, publications, posters, professional presentations, awards/honors, births, etc. The next newsletter will go out in January. Please let Holly Peterson (call 308-865-8043 or email msedsci@unk.edu) if you have any news we can share!

UNK.EDU/SCIMATH