

CONGRATULATIONS

Summer 2016 Graduates: Masters of Science in Education: John Bisbee, Kearney, NE; Angela Cardamone, Sicklerville, NJ; Jason Gfeller, Kearney, NE; Alicia Granger, Fremont, NE; Audrey Hager, Newark, OH; Kristin Michalak, Stonington, CT; David Nelson, Martins Ferry, OH; Stephanie Norton-McDonald, Dakota City, NE; Brandon Wright, Central City, NE



Brandon Wright pictured above attending commencement ceremony in July.

FALL CLASSROOM ANNOUNCEMENTS

Comprehensive Examination Contact: To sign up for comps, contact Holly Peterson (msedsci@unk.edu or 308.865.8043) by **August 31st** to be added to the list for the fall semester.

Comprehensive Examination Schedule: Written comps will be scheduled September 23rd - October 7th. If needed, oral presentations will be scheduled November 7th - 18th.

Comprehensive Examination Format: This first part is a closed-book, closed-notes written test that will contain questions on topics relating to one-half to three-fourths of the courses in each student's degree program. Questions are composed by course instructors and compiled by the program coordinator. **If**

the student passes in all categories assessed, then he or she passes the comprehensive exam without needing to take Part 2. The format of Part 2 is determined by the Program Committee but will usually consist of a meeting between the student and the Committee in person or *via* videoconferencing during which the student will answer questions posed by Committee members. The questions *will be focused on topic areas that were determined through the Part 1 grading that did not meet program assessment expectations.*

Fall Graduation: Students planning to graduate in December must apply for graduation online via MyBlue, even if you do not plan to attend the ceremony. The deadline to apply for graduation is September 15. There is a \$25 application fee which can be paid online. The Commencement ceremony will take place **Friday, December 16th at 10:00 a.m. at the UNK Health and Sports Center.** Please let us know if you plan to attend the winter commencement.



Program Advising/Planning Tips: Prioritize the courses in Math, Physical Science/Physics, Chemistry, and the curriculum course as these courses are only offered during specific semesters. The research course, pedagogy course, and courses from the Biology department are offered every semester and are suggested to be taken during the fall and spring semesters when the other courses are not offered. Classes for the spring semester will be available on MyBlue, September 19th and **early registration is October 24th – November 11th.** Below is a list of anticipated class offerings through 2018.

PROFESSIONAL COMPONENTS

- **CURRICULUM COURSE** - TE 809P Curriculum Implementation (**summer semesters**)
- **RESEARCH COURSE** - TE 800 Educational Research (**every semester**)
- **PEDAGOGY COURSE** - TE 804 Curriculum Development in Multicultural Education (**every semester**) OR TE 886P Technology Tools for Teachers (**every semester**)

MAJOR EMPHASIS AREA, SUPPORTING CLASSES AND ELECTIVES:

- **BIOLOGY:**
Each semester, roughly **15 biology courses** offered that will meet the requirements for your program.
- **CHEMISTRY:**
Spring 2017 - CHEM 820 Inorganic Chemistry for HS Teachers
Summer 2017 - CHEM 805 Chemical Management & Safety for HS Teachers – 1 cr
Summer 2017 - CHEM 899P Chemical Kinetics for HS Teachers – 2cr
Fall 2017 - CHEM 864 Analytical Chemistry for HS Teachers
Spring 2018 - CHEM 899P Organic Chem for HS Teachers
Summer 2018 - CHEM 810 Environmental Chem for HS Teachers
Summer 2018 - CHEM 855 Biochemistry for HS Teachers
- **PHYSICS/PHYSICAL SCIENCE:**
Summer 2017 - PHYS 813 Intro to Analog & Digital Electronics (4 cr)
Fall 2017 - PHYS 800 Advanced Physical Science
Summer 2018 - Earth Science for HS Teachers

- MATHEMATICS:
Summer Semesters: Next summer's courses are in development.
- TEACHER EDUCATION:
Each semester, many teacher education courses offered that will meet the elective requirements.

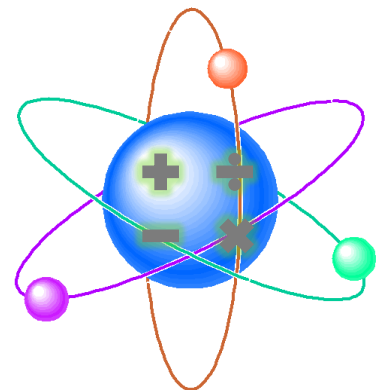
CAPSTONE COURSE:

- **Spring 2017 (then every fall/spring)** - SMED 888 Science/Math Education Capstone Course

New Capstone Course - SMED 888 Science/Math Education Capstone (3 credits):

This course is designed to culminate the student's experience in the Science/Math Education program.

Students will complete the **comprehensive exam** and a **capstone project** which integrates educational research, curriculum design, science/math content application, and assessment. Based on a literature evaluation of a specific concept or problem in science/math teaching, the student will develop a new curricular unit, or redesign an existing one, to be implemented in a high school or middle school science/math course that the student is teaching that semester. This unit must apply science/math content from their degree program courses and the student must assess the impact of the new/revised unit on student learning.



Prerequisite: Completion of TE 800 Educational Research and at least 24 hours of the Science/Math Education degree program (including 6 or more in the Major Emphasis category).

Important Details:

- Scheduled Spring 2017
- Available fall and spring semesters
- Course is recommended to be taken on the semester of graduation
- Summer graduates will need permission to complete the course during the spring semester
- **NEW STUDENTS** entering the program starting in the fall of 2016 will be required to complete SMED 888 as a part of their program.
- **CURRENT STUDENTS** can opt to switch to the current catalog to have SMED 888 replace three credit hours of supporting coursework but the supporting coursework will still need to come from **two** departments (BIOL, CHEM, MATH, and PHYS) outside the major emphasis.

What to do if a class is full: Below is the list of preferred permit contacts for each department to have permits issued or to be put on a waiting list:

Biology (BIOL) – Brian Peterson, Program Coordinator (msbiology@unk.edu or 308.865.1589)

Chemistry (CHEM) -- Dr. Scott Darveau, Department Chair (darveusa@unk.edu or 308.865.8491)

Mathematics (MATH) -- Dr. Barton Willis, Department Chair (willisb@unk.edu or 308.865.8868)

Physics/Physical Science (PHYS) -- Dr. Ken Trantham, Department Chair (tranthamkw@unk.edu or 308.865.8278)

Teacher Education (TE) – Holly Peterson, SCI/MATH Ed Program Coordinator (msedsci@unk.edu or 308.865.8043)

CANDIDACY FORM

Application for Candidacy Form: Once 12 credit hours have been completed in your program, the Application for Candidacy form must be completed and sent to the Program Coordinator for signatures and processing, http://www.unk.edu/academics/gradstudies/admissions/grad-files/Grad%20Files/Candidacy_1-13.pdf. (email: msedsci@unk.edu, fax: (308) 865-8399, mail: 2401 11th Ave, Kearney, NE 68849)

STUDENT NEWS

George Drinnin (current student), along with his wife are proud parents of a son. George Matthew, who was born on July 2nd, weighing 9lbs and 21 inches long. Congratulations!



LET US KNOW...

We want to acknowledge our current and former students who have received professional awards, honors, publications, professional presentations, births, etc. Please let the program coordinator know (call 308-865-8043 or email msedsci@unk.edu) if you have any news we can share!