

# Science/Math Education Newsletter

BIOLOGY

CHEMISTRY

MATH

PHYSICS

PHYSICAL SCIENCE

TEACHER EDUCATION

## GRADUATION

Spring 2019 Graduate: **Daniel Evans - Wentzville, Missouri**

### Summer 2019 Graduation Ceremony:

The commencement ceremony will take place on Friday, July 26th at 10:00 a.m. in the UNK Health & Sports Center. Consider making the trip to Kearney for graduation. Email Holly Peterson ([msedsci@unk.edu](mailto:msedsci@unk.edu)) if you are planning on attending summer graduation.



## ADVISING RECOMMENDATIONS

- Register for **SUMMER & FALL classes** as soon as possible to ensure a spot for both semesters
- For **MATH 862 Mathematical Analysis for Teachers** this summer, email Dr. Barton Willis at [willisb@unk.edu](mailto:willisb@unk.edu) from your UNK email account to have a permit issued and be sure to mention that you have completed Calculus II
- **SHOPPING CART:** make sure you don't have classes mistakenly still in your shopping cart
- An **additional** section of **TE 809 02 Curriculum Implementation (July 1-26)** was added for the summer
- Reminder that **supporting courses** in the current program need to come from **two** different disciplines outside your major emphasis area
- Plan out courses in **physics/physical science and mathematics** since those courses are offered mostly during the summer time
- The research course (**TE 800**), pedagogy course (**TE 804 or TE 866**), a minimum of three credit hours in **Chemistry** and numerous **Biology** courses are **offered every semester**.
- If you are interested in **teaching dual credit classes**, make sure your electives are in the same area as your major emphasis courses

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## FALL COURSES STILL AVAILABLE

CHEM 805 (1 cr) – Chem Management & Safety for High School Teachers

CHEM 864 (2 crs) – Analytical Chemistry for High School Teachers

BIOL 821 – Directed Readings

BIOL 827 02 – Biological Statistics

BIOL 830P 01 – ST: Vaccines: Concepts & Controversies

BIOL 830P 02 – ST: Cell Structure & Function

BIOL 830P 07 – ST: Deadly Plants

BIOL 838 02 – Essential Human Anatomy

BIOL 839 – Human Physiological Systems

BIOL 840 01/02 – Infectious Diseases

BIOL 846 – Cancer Biology

BIOL 854 – Biological Application

BIOL 859 – Biology of the Brain

BIOL 860 – Concepts of Genetics

TE 800 03 - Educational Research

TE 804 01/02 – Curriculum Development in Multicultural Education

TE 886P – Technology Tools for Teachers

SMED 888 – Science/Math Education Capstone

### ELECTIVES ONLY

TE 803 01/02 – Philosophy of Education

TE 804 01/02 – Curriculum Development in Multicultural Education

TE 805P – Overview of Assistive Technology

TE 808P (1 cr) – Human Relations

TE 877 – Developing Web-Based Educational Environments

TE 866 – Technology Tools for Teachers

BIOL 881 (1cr) – Current Issues in Biology

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## WHAT TO DO WHEN CLASSES ARE FULL

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

- Teacher Education (TE) or Physics/Physical Science (PHYS): Holly Peterson, SCI/MATH Ed Program Coordinator ([msedsci@unk.edu](mailto:msedsci@unk.edu) or 308.865.8043)
- Biology (BIOL): Brian Peterson or Robyn Schoenebeck, Program Coordinators ([msbiology@unk.edu](mailto:msbiology@unk.edu) or 308.865.1589)
- Chemistry (CHEM): Dr. Scott Darveau, Department Chair ([darveausa@unk.edu](mailto:darveausa@unk.edu) or 308.865.8491)
- Math (MATH): Dr. Barton Willis, Department Chair ([willisb@unk.edu](mailto:willisb@unk.edu) or 308.865.8868)



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## UPCOMING DEADLINES

**May 6<sup>th</sup>:** Summer semester begins

**May 10<sup>th</sup>:** E-Bill will be sent to student's Lopermail account

**May 27<sup>th</sup> - June 16<sup>th</sup>:** Written Comprehensive Examination

**May 30<sup>th</sup>:** Tuition and fees due for summer classes

**June 15<sup>th</sup>:** Last Day to apply for summer graduation

**July 8<sup>th</sup> - 13<sup>th</sup>:** Oral Comprehensive Examines (if needed)

**July 26<sup>th</sup>:** Summer Commencement Ceremony @ 10:00 a.m.

**August 26<sup>th</sup>:** Fall semester begins

**September 26<sup>th</sup>:** Tuition and fees due for fall classes



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## NEW CHEMISTRY OPTION

Starting in the fall of 2019, the program will contain two options, **Integrated Option** (*existing*) or **Chemistry Option** (*NEW*) that students can choose while completing the **Professional Components (9 credit hours)** and the **Capstone Course (3 credit hours)**

### Integrated Option (existing program) – 24 credit hours:

- Select a major emphasis in Biology, Chemistry, Mathematics, or Physics/Physical Science.
- Earn 12 – 18 credit hours in one subject area.
- **Supporting Courses** will need to be from two disciplines outside major emphasis area.

### Chemistry Option – 24 credit hours:

- Earn 18 – 24 credit hours in chemistry.
- **Supporting courses** can be from Chemistry, Biology, Mathematics, or Physics/Physical Science.



Current students can switch over to the New Chemistry Option as soon as it comes available by emailing the Graduate Office and asking to switch over to the new Chemistry Option. Email Holly Peterson ([msedsci@unk.edu](mailto:msedsci@unk.edu)) if you want to see what your program can look like to change to the NEW Chemistry Option.

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## 2019 NSTA CONFERENCE

MS Biology Program and MEd Science/Math Education Program represented UNK at the 2019 National Science Teachers Association Conference held in St. Louis, Missouri this past April by hosting a booth in the exhibitor hall.



*Pictured left:*  
**Karen Malmkar MEd 16'**

*Pictured right:*  
**Adraine Wedel MEd 17'**



*Pictured left:*  
**Ashley Hamek MEd 18'**

*Pictured right:*  
**Jay Hentzen, current student**



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## LIBRARY SERVICES FOR DISTANCE STUDENTS

Students taking all their courses online are eligible for Library Services. Distance Students may request books from the Calvin T. Ryan Library collection and journal articles.

The screenshot shows the UNK Library website interface. At the top, there are navigation tabs: Home, Article Databases, Interlibrary Loan/Document Delivery (ILL/DO), and Ask A Librarian. Below the tabs, there is a 'Library Research Tutorial' section with a list of topics: 'New to doing research at UNK?', 'Use the Library Research Tutorial below to learn how to:', 'Develop search strategies', 'Find articles, books and e-books', 'Evaluate sources', 'Avoid plagiarism', and 'Link coming soon!'. To the right, there is a 'LOPERSearch' section with a search bar and a 'Search' button. Below the search bar, there is an 'Off-campus Access to E-Resources' section. This section explains that users need to provide information to verify they are a current UNK faculty, staff, or student member. It includes fields for 'Enter your EASI username' and 'Enter your EASI password'. There are also links for 'Students' and 'Faculty/Staff' with instructions on how to use their EASI credentials. A 'Forgot your password?' link is also present.

### [Library Link for Distance Students](#)

**Questions:** Contact **Lisa Mount**, Library Circulation Manager at [mountll@unk.edu](mailto:mountll@unk.edu) or 308.865.8850



## 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 publications, posters, professional presentations, awards/honors, births, etc. The next newsletter will go out in August. Please let Holly Peterson (call 308-865-8043 or email [mstedsci@unk.edu](mailto:mstedsci@unk.edu)) if you have any news we can share!