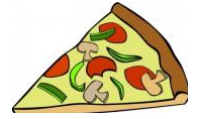


Study Break! Math Major/Minor Meet & Greet

Instead of a math seminar this week, stop by **Bailey 204** this **Thursday, November 18**, from **12:30 – 1:45pm** for a **PIZZA** study break. Math majors and minors (and other math students!), come mingle with each other and math faculty as we all prepare for finals period!



Where Are They Now? Katie Schuff, Class of 2012, Checks-in

It has been almost ten years since I graduated from Union and I can remember sitting in Bailey Hall like it was yesterday. Union remains a very special place in my heart. It is where I met lifelong mentors like **Kimmo Rosenthal**, **Christina Tønnesen-Friedman**, **Paul Friedman**, **Bill Zwicker**, and **Maggie Tongue**. Each mentor had a different impact and helped me achieve various goals throughout my time as a student, and beyond.

During my time at Union, I participated in two terms abroad. I studied abroad in Barbados and Cambodia. Both terms had a focus on education and teaching, and that is how my love for teaching first began. During my senior year, I applied to several different types of teaching programs. Luckily, I was offered two different opportunities: (1) to teach English in Indonesia as a Fulbright Scholar, and (2) to teach Math in New York City as a part of Teach for America. I seized both opportunities and learned a lot along the way—about myself and about what I wanted from my career.

Teaching was a passion of mine for a long time, but I burned out from the job quicker than I had hoped. In 2016, I knew I needed to make a change, so I began scrambling and searching for jobs throughout the private sector. I was willing to apply to pretty much anything that would allow me to use my brain and quantitative skills. But, it wasn't long that I realized the private sector came with its own set of cons that did not feel like the right fit either. So, I did the only reasonable thing that one could do and I packed up my bags and flew to Arizona to hike the Grand Canyon. I needed to do some soul searching.

While at Union, Kaplan Test Prep had visited and I had taken a practice LSAT with them because I believed, at the time, that law school would be my most likely path. However, I did not pursue that goal post-Union. I had heard from so many people (too many people) that there were already too many lawyers in the world, that law school was expensive, and why not find a more stable career (like teaching). For context, my family is very risk averse. I am the first person in my family to go to college. Graduate school was viewed unnecessary by many of those close to me. I decided to set my dreams of becoming a lawyer aside, and pursue teaching.

But, then, here I was in the Grand Canyon, in 110-degree heat, listening to my best friend chirp on about how I had given up on my dreams. Why wasn't I considering law school? If I was unhappy with my career choices, why wasn't I making changes? So, I did. I got home and I bought an LSAT prep book, and my next journey began.

This past May I graduated from Harvard Law School *magna cum laude*. I am beginning my career as a federal law clerk for the Honorable F. Dennis Saylor IV of the U.S. District Court for the District of Massachusetts. Then, I will continue on as a federal clerk for both the U.S. Court of Appeals for the Ninth and Sixth Circuits.

Although many may think mathematics is completely unrelated to the law, my studies in pure mathematics prepared me more than anything else for legal writing. The law is defined by a set of rules. Each rule has a sub rule. Every outcome must make sense in the fixed universe of the rules and laws

we have. This is math! In mathematics, we learn so many lemmas, theorems, and corollaries and we seek out solutions that must make sense in this fixed universe of rules. This analytical way of thinking and writing is vital in legal writing and research.

If you happen to be one of those math majors, like myself, who loves math and the humanities and social sciences, maybe law is the right path for you. I am very excited to be able to use my analytical skills in a way that can solve problems that we all can relate to. If you would like to talk more (about teaching, math, or the law), please do not hesitate to reach out – schuffk13@gmail.com.

Calculus Help Center – Hiring Tutors for Winter 2022!

The Math Department is now accepting applications for vacant Calculus Help Center (CHC) tutoring positions. Tutors in the winter work in the CHC one fixed night per week, Sunday through Thursday, from 7:30-10:00pm. Qualifications: Calculus through Math 115 with grades of no less than A- Preference will be given to students who have also completed Math 117 (with a grade \geq A-); are declared math majors; are considering becoming a math teacher or pursuing graduate work in mathematics; and have other tutoring experience (not necessary, though).

To apply for a position, send an email to **Professor Paul Friedman** (friedmap@union.edu) expressing your interest, listing your mathematical background, including coursework (term, professor, and grade) and tutoring experience (if any), and discussing why you think you would be a good tutor.

Fall 2021: Math Final Exam Schedule

Course #	Course Name	Professor	Room	Day	Date	Time
MTH*065*01	Math and Social Justice	Gasparovic, E.	BAIL 106	Tue	11/23	2:30-4:30 PM
MTH*105*01	Diff Calculus with Precal	Johnson, B.	BAIL 201	Fri	11/19	8:30-10:30 AM
MTH*105*02	Diff Calculus with Precal	Khatami, L.	BAIL 201	Mon	11/22	8:30-10:30 AM
MTH*110*01	Calculus 1: Differential Calc	Cervone, D.	OLIN 115	Tue	11/23	11:30-1:30 PM
MTH*110*02	Calculus 1: Differential Calc	Cervone, D.	OLIN 115	Tue	11/23	11:30-1:30 PM
MTH*110*03	Calculus 1: Differential Calc	Lesh, K.	OLIN 115	Tue	11/23	8:30-10:30 AM
MTH*110*04	Calculus 1: Differential Calc	Lesh, K.	OLIN 115	Tue	11/23	8:30-10:30 AM
MTH*110*05	Calculus 1: Differential Calc	Friedman, P.	BAIL 100	Tue	11/23	11:30-1:30 PM
MTH*110*06	Calculus 1: Differential Calc	Friedman, P.	BAIL 106	Tue	11/23	11:30-1:30 PM
MTH*113*01	Acc Single-Variable Calc	Catalano, L.	BAIL 102	Tue	11/23	11:30-1:30 PM
MTH*113*02	Acc Single-Variable Calc	Jauregui, J.	BAIL 102	Fri	11/19	8:30-10:30 AM
MTH*113*03	Acc Single-Variable Calc	Malen, G.	BAIL 102	Mon	11/22	8:30-10:30 AM
MTH*115*01	Calculus 3: Diff Vector Calc	Wang, J.	BAIL 106	Fri	11/19	8:30-10:30 AM
MTH*115H*01	Enriched Diff Vector Calc	Hatley, J.	BAIL 106	Mon	11/22	8:30-10:30 AM
MTH*117*01	Calculus 4: Integral Vector	Wang, J.	ISEC 387	Mon	11/22	8:30-10:30 AM
MTH*127*01	Numerical Methods	Cervone, D.	BAIL 104	Mon	11/22	8:30-10:30 AM
MTH*140*01	Applied Linear Algebra	Gasparovic, E.	BAIL 100	Mon	11/22	2:30-4:30 PM
MTH*197*01	Discrete Math for Comp Sci	Mariano, P.	WLDC 225	Mon	11/22	8:30-10:30 AM
MTH*199*01	Intro to Logic & Set Theory	Catalano, L.	BAIL 100	Tue	11/23	2:30-4:30 PM
MTH*219*01	Topics in Discrete Math	Malen, G.	BAIL 102	Fri	11/19	2:30-4:30 PM
MTH*221*01	Mathematical Cryptology	Hatley, J.	ISEC 387	Fri	11/19	8:30-10:30 AM
MTH*336*01	Real Variable Theory	Jauregui, J.	BAIL 102	Tue	11/23	8:30-10:30 AM
STA*104*01	Introduction to Statistics	Hoerl, R.	BAIL 100	Mon	11/22	8:30-10:30 AM