BGSU® | DEPARTMENT OF Mathematics and Statistics

BOWLING GREEN STATE UNIVERSITY

Course offerings for Summer 2021

Summer Session 2 - July 12th to August 20th

Math 5410 – Probability and Statistics I, Monday – Thursday, 1:00pm-2:35pm
Dr. Hanfeng Chen, REMOTE
Axiomatic probability; conditional probability; random variables/vectors; distribution functions; expectations; moment-generating functions; special distributions; functions of random variable/vectors; random sampling and sampling distributions; central limit theorem; weak law of large numbers

Math 5650 – Introduction to Real Analysis I, Monday – Thursday, 10:00am-11:35am
Dr. So-Hsiang Chou, REMOTE
Completeness and order axioms; limits of sequences; limits of functions and continuity; open, closed, and compact sets; uniform continuity; differentiation and the mean value theorem; the Riemann integral.

Math 5820 – Mathematical Problem Solving, Dr. David Meel, ONLINE
This online course is designed to provide teachers with a deep knowledge of the construct of problem solving. Participants will have the opportunity to observe, analyze, and then develop effective strategies to teach these concepts to students. In this course, teachers will explore content, analyze lessons, and work to improve their own teaching practices.
Note: This course is intended to be offered online Summer Session 2 but will be open to students beginning Summer Session 1.

Helpful Tips:

- Good news! You do not need to be part of a degree program to take classes here at BGSU. Instead you can complete a non-degree seeking application. There is no application fee, and no need to fill out the extra Application to Take Educator Preparation/Development Coursework if you are taking courses for College Credit Plus.

- If you are taking online courses, you can save money by applying to the Certificate in Mathematics for Professionals and Educators as an online student. Apply through BGSU Graduate Admissions.

- To see more Summer course offerings, visit the full BGSU class schedule. Click Summer 2021, Graduate, Main campus, Include Distance, Subject MATH, Search!

- Estimate your cost of attendance by using the calculator tool.

- To register, please write to Mrs. Anna Kelling and Dr. Steve Seubert to indicate which class(es) you would like to take and what your BGSU ID number is.

- New students, email a scan of your most recent transcripts showing mathematics classes taken, or write text to this effect in an email.

- Please pass this along to other teachers you know who might be interested. We would be happy to work with anyone and everyone who is thinking about taking a course and/or interested in the MAT or MA in Mathematics.

We look forward to hearing from you!