Penelope Beall

`pbeall.github.io`
`pbeall@ufl.edu`

Education

2021–2025	**University of Florida**
	Mathematics BS (in progress)
2022–2023	**National University of Singapore**
	Exchange program

Conferences and Workshops Attended

May 2024	**Cornell Topology Festival**
	Cornell University
February 2024	**Conference on Enumerative and Algebraic Combinatorics**
	University of Florida

Expository Talks

February 2024	"An Equivalent Form of Choice in Linear Algebra"
November 2023	"Constructing $\mathbb{Z}$"

Coursework

Spring 2024

MAS6332	**Algebra 2**
	Dummit and Foote, *Abstract Algebra*
	Lang, *Algebra*
	Hungerford, *Algebra*
MAA4103	**Introduction to Real Analysis 2**
	Kosmala, *A Friendly Introduction to Analysis*
MTG4303	**Introduction to Topology 2**
	Munrkes, *Topology*
MAD4204	**Introduction to Combinatorics 2**
	Bóna, *A Walk Through Combinatorics*

Fall 2023

MAS4301 **Abstract Algebra 1**
Gallian, *Contemporary Abstract Algebra*

MAS6331 **Algebra 1**
Dummit and Foote, *Abstract Algebra*
Lang, *Algebra*
Hungerford, *Algebra*

MAA4102 **Introduction to Real Analysis 1**
Kosmala, *A Friendly Introduction to Analysis*

Spring 2022

MA3201 **Algebra II**
Dummit and Foote, *Abstract Algebra*

MA3211 **Complex Analysis I**
Churchill and Brown, *Complex Variables and Applications*

MA3233 **Combinatorics and Graphs II**
Koh, Dong, Ng, and Tay, *Graph Theory*

MA4207 **Mathematical Logic**
Enderton, *A Mathematical Introduction to Logic*

Fall 2022

MA2101S **Linear Algebra II (S)**

MA2214 **Combinatorics and Graphs I**
Chen and Koh, *Principles and Techniques in Combinatorics*
Koh, Dong, Ng, and Tay, *Graph Theory*

MA3205 **Set Theory**
Moschovakis, *Notes on set theory*
Hrbacek and Jech, *Introduction to set theory*
Enderton, *Elements of set theory*

Spring 2022

MAS4203 **Introduction to Number Theory**
Niven, Zuckerman, and Montgomery, *An Introduction to the Theory of Numbers*

MAP2302 **Elementary Differential Equations**
Nagle, Saff, and Snider, *Fundamentals of Differential Equations and Boundary Value Problems*

MHF3202 **Sets and Logic**
Hammack, *The book of proof*

MAC3474   **Honors Calculus 3**
  Shabanov, *Concepts in Calculus III*