Benjamin Ellis-Bloor

Email: benjaminellis-bloor2026@u.northwestern.edu
Website: https://ellis-bloor.github.io

EDUCATION

Northwestern University   Evanston, IL
PhD in Mathematics   *2021 – 2027 (Expected)*
- Advisor: Ezra Getzler

Australian National University   Canberra, ACT
PhB (Honours) (First Class) in Mathematics   *2017 – 2020*
- ANU National Merit Scholarship

PAPERS

Cobordism-valued intersection theory on $\overline{M}_{0,n}$. *In preparation.*   2026

ACADEMIC AWARDS

Chancellor's Letter of Commendation	2019
Dean's Science Education Commendation	2019
Hanna Neumann Prize for Second Year Mathematics	2018
Chancellor's Letter of Commendation	2018
Dean's Science Education Commendation	2018
Chancellor's Letter of Commendation	2017

TEACHING EXPERIENCE

Teaching Assistant   2022-Present
Northwestern University
- Math 218-1: Single-Variable Calculus with Precalculus (Fall 2025)
- Math 300-0: Foundations of Higher Mathematics (Spring 2025)
- Math 320-1: Real Analysis (Spring 2025, Fall 2024)
- Math 334-0: Linear Algebra: Second Course (Spring 2024)
- Math 290-1,2,3: MENU: Linear Algebra and Multivariable Calculus (Fall 2024, Spring 2024, Winter 2024, Fall 2023)
- Math 240-0: Linear Algebra (Winter 2024, Fall 2023)
- Math 100-0: Quantitative Reasoning (Spring 2023)
- Math 230-2: Multivariable Integral Calculus (Spring 2023)
- Math 230-1: Multivariable Differential Calculus (Winter 2023)
- Math 220-1: Single-Variable Differential Calculus (Fall 2022)

Tutor   2021
University of Sydney
- MATH1921: Calculus of One Variable (Advanced) (Semester 1 2021)
- MATH1023: Multivariable Calculus and Modelling (Semester 1 2021)

Demonstrator   2019-2021
Australian National University
- MATH1115: Advanced Mathematics and Applications 1 (Semester 1 2021)
- MATH1113: Mathematical Foundations for Actuarial Studies (Semester 2 2020)
- MATH1005: Discrete Mathematical Models (Semester 1 2020, Semester 1 2019)