

# A. Amadeus Martin

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## EDUCATION

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### UNIVERSITY OF NEBRASKA–LINCOLN

- Doctor of Philosophy in Mathematics August 2021
  - Research Area: Commutative Algebra
  - Dissertation Title: *Curved BGG Correspondance*
  - Advisor: Mark Walker
- Master of Science in Mathematics May 2017

### UNIVERSITY OF CALIFORNIA–SANTA CRUZ

- Bachelor of Arts in Mathematics May 2015

### CITY COLLEGE OF SAN FRANCISCO

## POSITIONS HELD

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### VANDERBILT UNIVERSITY

- Senior Lecturer of Mathematics August 2026–Present

### HARVARD UNIVERSITY

- Preceptor of Mathematics July 2021–June 2026

### UNIVERSITY OF NEBRASKA–LINCOLN

- Graduate Teaching Assistant August 2015–July 2021

### UCSC LEARNING SUPPORT SERVICES

- Mathematics Learning Assistant 2013–2015

### BOOKS INC.

- Event Coordinator June 2007–July 2013
  - *Organized and executed literary events for independent bookseller.*

## TEACHING EXPERIENCE (HARVARD)

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### COURSE COORDINATION *Total of 8 courses courses*

- Math 21a: Multivariable Calculus Fall 2023, Fall 2024, Spring/Fall 2025
  - *Course-head: Coordinated for eleven sections of the course and 9 distinct instructors (Spring 2025), 15 sections and 12 distinct instructors (Fall 2025).*
  - *Course-Preceptor: Assisted in the administrative duties and coordination of this multisection course. (Fall 2023/2024)*
- Math 1b: Integration, Series and Differential Equations Spring 2023, Spring 2024
  - *Course-head: Coordinated for six sections of the course and 4 distinct instructors (Spring 2023), eight sections and 6 distinct instructors (Spring 2024).*
  - *Created and revised course content including common exams, worksheets, and problem sets.*
- Math S-1b: Integration, Series and Differential Equations Summer 2022, Summer 2023
  - *Accelerated version of Math 1b, taught over 7 weeks predominately to High School aged students.*

SECTION LEADER: *Total of 16 sections*

- Math 21b: Linear Algebra and Differential Equations Spring 2026  
- *Taught a total of 2 sections of this course.*
- Math 21a: Multivariable Calculus Fall 2023, Fall 2024, Spring/Fall 2025  
- *Taught a total of 8 sections of this course across multiple semesters.*
- Math 1b: Integration, Series and Differential Equations Spring 2022, Fall 2022, Spring 2023, Spring 2024  
- *Taught a total of 7 sections of this course across multiple semesters.*
- Math Ma-Mb: Introduction to Functions and Calculus Spring 2022, Fall 2021  
- *Taught one Section (Spring 2022), and two sections in the (Fall 2021)*

**TEACHING EXPERIENCE (UNL)**

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## COURSE COORDINATION

- MATH 102: Trigonometry, Associate Convener Fall 2018–Spring 2019  
- *Coordinated six sections in the fall and four in the spring.*  
- *Created and revised course content including common exams and workbooks.*  
- *Assisted in the implementation of Gradescope across all of UNL's precalculus courses.*
- MATH 106: Calculus I, Associate Convener Fall 2019  
- *Responsible for coordinating 36 recitation sections and mentoring 14 first time instructors.*

INSTRUCTOR OF RECORD: *Total of 12 courses*

- MATH 303: Introduction to Modern Algebra Summer 2021  
- *Asynchronous in-person/remote-learning class.*
- MATH 107: Calculus II Spring 2021, Summer 2018  
- *William H. Thompson Scholars section.(Spring 2021)*  
- *Oversaw three graduate teaching assistants (Summer 2018)*  
- *Taught one section with an enrollment of 49 students.(Summer 2018)*
- MATH 103: Precalculus Fall 2020, Fall 2017  
- *Asynchronous in-person/remote-learning class (Fall 2020).*
- MATH 314/814: Linear Algebra Spring 2020  
- *Transitioned to a remote learning course mid-way through semester due to COVID-19 pandemic. Streamed lectures on twitch.tv and moved class discussion to a Discord server.*
- MATH 102: Trigonometry Fall 2018, Spring 2019  
- *Taught two sections with an enrollment of 35 students each (Fall 2018), and one section of 14 students (Spring 2019).*
- MATH 104: Business Calculus Spring 2018, Summer 2017  
- *Taught one section with an enrollment of 29 students (Summer 2017), and one section with an enrollment of 54 students (Spring 2018).*
- MATH 101: College Algebra Spring 2017, Fall 2016

RECITATION INSTRUCTOR: *Total of 7 recitations*

- MATH 106: Calculus I Fall 2019, Summer 2016  
- *Led two sections (Fall 2019), and one section (Summer 2016).*
- MATH 107: Calculus II Spring 2021, Spring 2016, Fall 2015  
- *William H. Thompson Scholars section (Spring 2021).*  
- *Led two sections each semester (2015,2016).*

## GRADER

- MATH 310: Intro to Modern Algebra Spring 2018
- MATH 817: Intro to Modern Algebra (Graduate Course) Fall 2020

## TUTOR

- MRC Tutor Fall 2015–Spring 2021
  - UNL's Math Resource Center (MRC). One semester per year, two hours a week.
  - Provided tutoring for precalculus and calculus students.

## PEDAGOGICAL TRAINING

- UNL Math Pedagogy Course Fall 2016–Spring 2017
  - Introductory course into mathematical pedagogical theory.
- Inclusive Teaching: Engaging Students in a Virtual Space workshop. September 2020

## SERVICE

- First Course Selection committee. (Harvard Math Department) Spring 2025
  - Committee in charge of improving the way the department communicates information about our introductory math courses, particularly for incoming freshmen.
  - Design, record and edited a series of videos to describe our courses. These videos can be accessed at this website website
- Calculus Course Assistant Coordinator (Harvard Math Department) Fall 2021-Spring 2025
  - Part of the team in charge of coordinating course assistants for Math department
  - The committee is responsible for hiring, scheduling, training, supervising and supporting over 100 course assistants per semester
  - Course assistants help by participating in the department's active learning classrooms, grading daily problem sets , running workshops, and staffing the Math Question Center.
- Graduate Student Apprenticeship Program (Harvard Math Department) Fall 2021-Present
  - Facilitated 7 different apprenticeships with graduate students and postdocs in the department, mentoring them in classroom management and an active learning approach to teaching
- Graduate Advisory Committee Member (UNL Math Department) August 2018–May 2019
  - Selected to be the Graduate Student Representative on the committee.
  - Faculty committee responsible for making decisions about the graduate program.
- Mathematics Graduate Student Advisory Board Member (UNL Math Department) August 2015–August 2017
  - Committee is responsible for organizing departmental events and serves as a liaison between graduate students and department administrators.
- CARS Serminar Coordinator (UNL Math Department) Spring 2019–Fall 2019
  - Organized the weekly Commutative Algebra Reading Seminar.
- Matemáticas en Español Seminar Coordinator (UNL Math Department) Spring 2019–Present
  - Organized a weekly seminar for mathematical talks in Spanish.
- Graduate Student Mentor August 2018–May 2019
  - Mentored a first-year graduate student.
- UNL Math Day Volunteer November 2015-2020
  - Served in several roles for an annual state-wide high school math competition for over 1,500 students.