



Douglass Houghton Finds Copper 1840, A History of Michigan in Paintings, Robert Thom, Michigan Bell/AT&T and Bentley Historical Library, University of Michigan

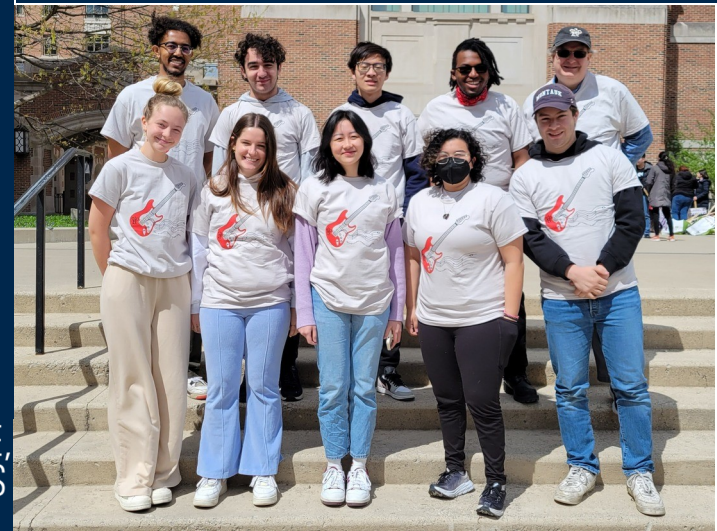


## DOUGLASS HOUGHTON

Douglass Houghton was the first science faculty member at the University of Michigan. He became Professor of Geology, Mineralogy, and Chemistry in 1838. At the time he accepted the professorship at the University of Michigan, he was also offered its presidency, but turned the offer down because he was too busy with his geological survey work.

Douglass Houghton was a remarkable individual. In addition to his university career, he practiced medicine in Detroit, was appointed the first geologist of the State of Michigan, was elected mayor of Detroit for two consecutive terms, was president of Detroit's first Board of Education, and was a founder of the American Association for the Advancement of Science. He was the Association's president-elect at the time of his death in 1845.

# Douglass Houghton Scholars Program



## Who is eligible?

DHSP is a program for first-year students who:

- Have expressed interest in math or science
- Are ready to take Calc I and Calc II their first year
- Are excited, hardworking, and motivated
- Are interested in utilizing teamwork to solve challenging math problems

## How to learn more

If you are interested in joining DHSP, you should attend an informal information session with the DHSP instructor on Zoom, to hear more about the program. The link to sign up for a session is on the website below.



**As someone who shows great potential for excellence in math and science, we hope you'll consider joining us in DHSP.**

**[sites.lsa.umich.edu/dhsp](https://sites.lsa.umich.edu/dhsp)**



# Why DHSP?

## DHSP offers a space to:

- See intriguing, beautiful, and practical math that doesn't fit into regular courses
- Form a community centered around math
- Study for upcoming exams in a structured and supportive environment
- Receive support for classes other than calculus as well, during office hours
- Network with upperclassmen and alumni with similar interests

## DHSP will:

Support scholars for an easier and quicker acclimation to the rigors of college. Students form lasting friendships with peers, and find mentors



"DHSP has been a super incredible and interesting class that has showed me areas of math I would have never discovered otherwise. Additionally, this class has given me many opportunities to do better in class, build connections for the future, and give me unique opportunities. It has been incredible working with my fellow students and our instructor!" – Calli Landon, DHSP 2022-23

## The Program

The Douglass Houghton Scholars Program is for first-year students at the University of Michigan who are interested in majoring in math and science. It complements the first-year calculus classes by enriching the experience and providing support.

## ENROLLMENT

Scholars enroll in a two-credit DHSP workshop class as a complement to their four-credit fall and winter term calculus courses.

## IN CLASS

- Workshop sizes are limited to 18 students
- Scholars work in groups of three or four to solve challenging math problems
- Many problems are either practical applications or an inquisitive step further into subjects covered in the traditional calculus class

## OUT OF CLASS

- Students often make friends and choose to work together in groups during office hours
- DHSP scholars, faculty, and alumni also meet for formal dinners and networking



"Being a part of DHSP has been a very positive experience for me ever since I came to Michigan. I've found that I've become a stronger problem solver, critical thinker, and collaborative worker. Especially in mathematics and computer science, I've found that I've been much more successful in these fields with DHSP than without." – William Chen, DHSP 2022-23

## GRADING

Grading in the supplementary workshop will be Credit/No Credit, with intensive participation in class being the key to earning credit.

## HOMEWORK

The only homework in DHSP is attending two math or science events per semester, one of which is an interview with a mentor of the student's choice.

## Scheduling

Scholars commit to 4 credits of calculus and 2 credits of the DHSP Workshop each semester.

Fall 2023:	Winter 2024:
Math 115 [Calculus I]	Math 116 [Calculus II]
Math 145 [DHSP I]	Math 146 [DHSP II]

For more information, sample problems, and many student quotes, visit our website:

[sites.lsa.umich.edu/dhsp](https://sites.lsa.umich.edu/dhsp)