

CAREERS IN MATH AND SCIENCE: EXPLORE YOUR OPTIONS

Math and science fields open doors to countless paths — from research labs and government agencies to classrooms, startups, and nonprofits. As you explore, think about the kind of role that excites you most. Do you see yourself discovering new data, solving technical problems, teaching others, or applying science to real-world challenges?

If you'd like help clarifying your direction, meet with your Career Development Coach to talk through your interests and next steps.

MATHEMATICS AND STATISTICS

- [American Mathematical Society \(AMS\)](#) – Promotes mathematical research, education, and collaboration.
- [Mathematical Association of America \(MAA\)](#) – Focuses on mathematics at the undergraduate level.
- [Society for Industrial and Applied Mathematics \(SIAM\)](#) – Connects math with technology and industry.
- [American Statistical Association \(ASA\)](#) – The largest community of statisticians in the world.

PHYSICS AND ASTRONOMY

- [American Astronomical Society \(AAS\)](#) – Professional organization for astronomers and astrophysicists.
- [American Institute of Physics \(AIP\)](#) – Supports the advancement of physical sciences.
- [Institute of Physics \(IOP\)](#) – Promotes physics education and research globally.
- [Physics World](#) – News and insights across all physics disciplines.

EARTH AND ENVIRONMENTAL SCIENCES

- [National Oceanic and Atmospheric Administration \(NOAA\)](#) – Government agency focused on oceans and atmosphere.
- [American Geosciences Institute \(AGI\)](#) – Supports geoscience research and education.

- [National Institute of Environmental Health Sciences \(NIEHS\)](#) – Researches how the environment affects human health.
- [National Association of Environmental Professionals \(NAEP\)](#) – Connects environmental scientists and policy leaders.

BIOLOGY AND LIFE SCIENCES

- [Ecological Society of America \(ESA\)](#) – Promotes ecological research and awareness.
- [American Institute of Biological Sciences \(AIBS\)](#) – Advances biological research and education.
- [American Society of Microbiology \(ASM\)](#) – Focused on the microbial sciences.
- [American Society of Human Genetics \(ASHG\)](#) – Global community for genetics professionals.

CHEMISTRY AND BIOCHEMISTRY

- [American Chemical Society \(ACS\)](#) – The largest scientific society for chemists.
- [American Society for Biochemistry and Molecular Biology \(ASBMB\)](#) – Supports biochemical and molecular research.
- [Biochemical Society](#) – Promotes collaboration and innovation in biosciences.

BUILD EXPERIENCE AND NETWORK

- Attend conferences, workshops, or webinars hosted by the societies above.
- Explore Handshake and CareerShift for research or internship listings.
- Connect with faculty mentors — many research opportunities start with a simple conversation.