



NatSci

Who will push the boundaries of discovery? **NatSci SPARTANS WILL.**



Undergraduate Studies

in the biological, physical and mathematical sciences

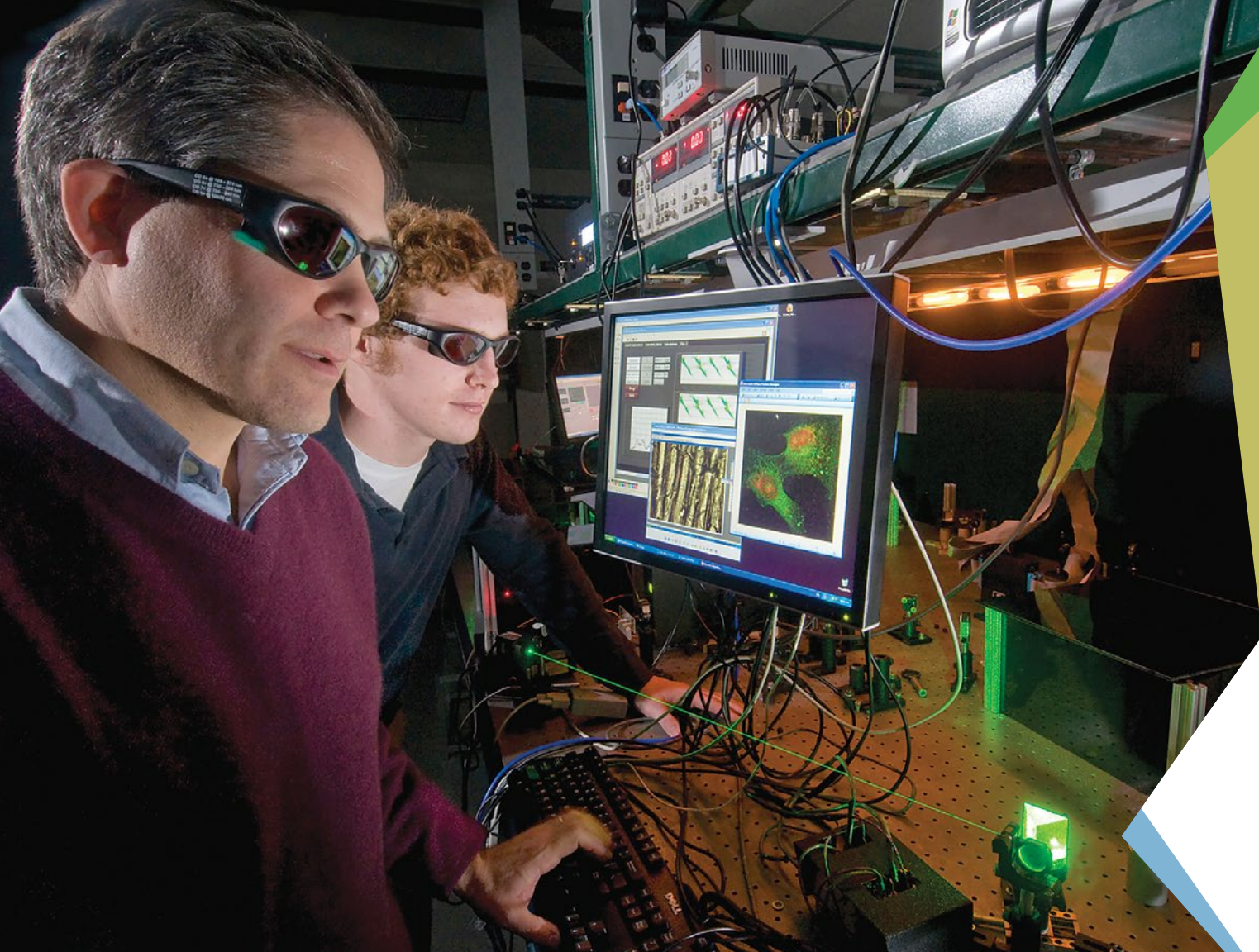


Who will push the boundaries of discovery? **SPARTANS WILL.**

The Michigan State University (MSU) College of Natural Science (NatSci) provides education and career opportunities through 29 majors in 11 departments and programs in the biological, physical and mathematical sciences. Undergraduates ignite their passion for science by experiencing opportunities in research, education abroad, study away, off-campus summer courses and other enrichment programs.

 **27** Departments and Programs

NATSCI BY THE NUMBERS



Cutting-edge faculty who will lead us into the future

As Spartans, you have the opportunity to work with some of the top faculty in biological, physical and mathematical sciences. NatSci faculty are involved in innovative practices in both the classroom and in their research, providing a link between the coursework of today and the innovations of tomorrow.

While pursuing a B.S. or B.A. degree in the natural sciences, students are encouraged to participate in science research as the junior colleagues of faculty members. Participation in research provides practical skills and knowledge that will jump-start a career after graduation or lead to a graduate student opportunity.



Play in the dirt and engage your mind

RISE

The Residential Initiative on the Study of the Environment (RISE) is an interdisciplinary living-learning program focused on sustainability and environmental stewardship. Supported by a consortium of seven colleges, RISE provides first-year students at MSU with the resources to successfully transition from high school to university academic life. Beyond their first year, many RISE participants are engaged in undergraduate research, hands-on projects and co-curricular initiatives in which they can explore their interests within a supportive community of students, faculty and staff with shared values.

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N A T S C I B Y T H E N U M B E R S



Find your community

Dow STEM Scholars Program

The Dow STEM Scholars Program provides academic and social support services to incoming MSU students who want to pursue a STEM major. Dow STEM Scholars offers specially designed courses/sections to program participants that help students transition into college and develop their all-important math and sciences skills.

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DREW

The Charles Drew Science Scholars program provides academic assistance and support for academically talented undergraduate students pursuing degrees in NatSci. Drew Scholars is an inclusive multicultural and multi-racial community of science students that continue to pursue the goal of transforming the face of science to address the nation's challenge of diversifying the STEM talent pool and workforce.

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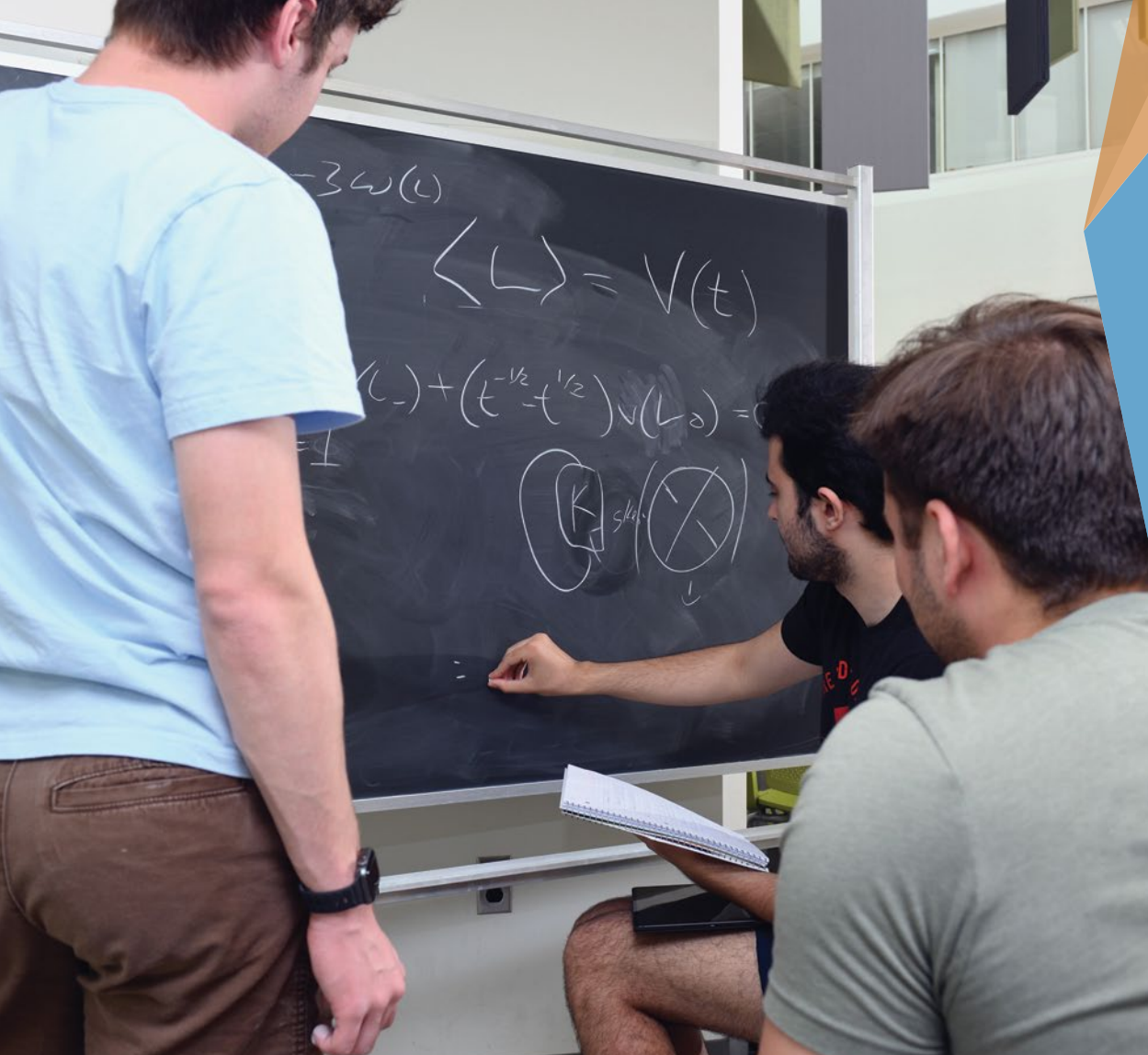


S-STEM Natural Science Transfer Scholars

The S-STEM Natural Science Transfer Scholars is a scholarship and science enrichment program designed to support those students that are academically talented but economically challenged who transfer to MSU from a Michigan community college and are planning to pursue a NatSci degree.

Dow STEM Scholars program: msunatsci.info/DowStem

Drew Scholars program: msunatsci.info/DrewScholars



Grow your support system

There are many ways to find the support you need at MSU. Faculty office hours, study groups, recitations and tutoring are all in place to help:

- Math Learning Center
- Chemistry Help Room
- Physics Help Room
- Biological Science Help Room
- Biochemistry Help Room

The Neighborhood Student Success Collaborative offers assistance at locations within the residence halls—everything is at your fingertips, in your own neighborhood.

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 **6,000** Under-graduates
N A T S C I B Y T H E N U M B E R S



Take our word for it!

Academic Advising

College of Natural Science advising empowers students to achieve their academic and professional goals within a global and diverse community. Academic advisors know the policies, procedures, and details of their programs. The NatSci Office of Undergraduate Academic and Student Affairs provides a one-stop location for career consulting, education abroad planning and advising for pre-health students, along with major administration through the NatSci Dean's Office.

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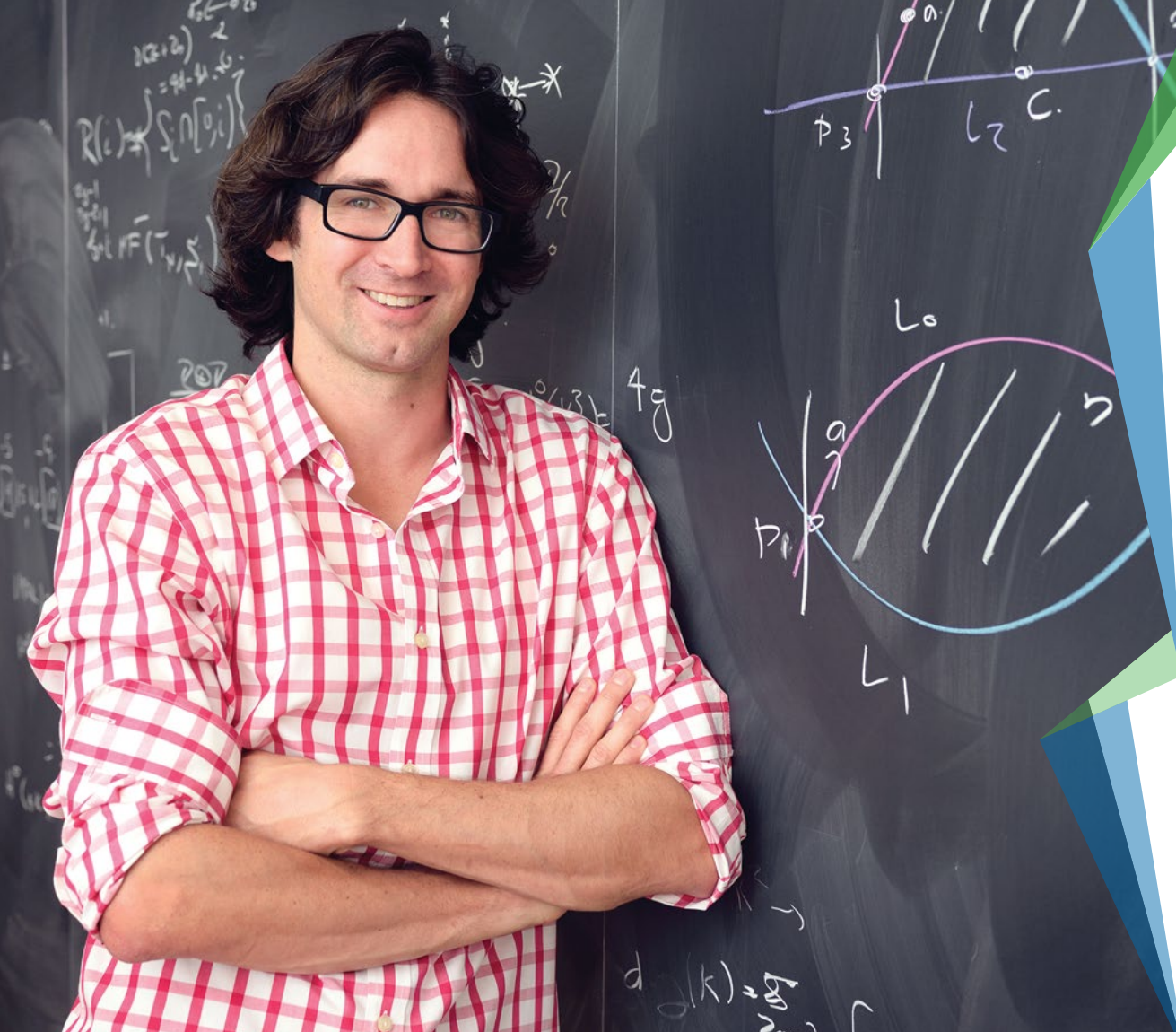


Career Advising

Students at all levels can meet with career advisors for general questions about resumes, cover letters, interviewing, researching careers and choosing a major. We also offer strategies for choosing a graduate school, finding an internship or conducting a job search. Career events take place throughout the year and at all levels.

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Design your education

NatSci offers undergraduate degrees in both the Bachelor of Science and Bachelor of Arts. This offers the flexibility for students to find the right pathway to their goals. There are three areas of science majors to select from, as well as a variety of minors to enhance your skills and expand your horizons.

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Mathematical

- Actuarial Science
- Computational Mathematics
- Data Science
- Mathematics
- Mathematics Secondary Education
- Quantitative Risk Analytics
- Statistics

Physical

- Astrophysics
- Chemical Physics
- Chemistry
- Environmental Geosciences
- Geological Sciences
- Integrated Science Secondary Education
- Physics



Design your education

Biological

- Biochemistry & Molecular Biology
- Biochemistry & Molecular Biology/Biotechnology
- Biomedical Laboratory Science
- Environmental Biology/Microbiology
- Environmental Biology/Plant Biology
- Environmental Biology/Zoology
- Genomics and Molecular Genetics
- Human Biology
- Integrative Biology
- Integrated Science Secondary Education
- Medical Laboratory Science
- Microbiology
- Neuroscience
- Physiology
- Plant Biology
- Zoology

Minors

- Actuarial Science
- Computational Mathematics, Science and Engineering
- Data Science
- Environmental and Sustainability Studies
- Mathematics

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Discover the possibilities

Ignite Your Passion for Science

We provide knowledge, skills and experience to enrich interdisciplinary science environments. Our alumni have a track record of success and innovation in advancing science and making a difference as health professionals, teachers, lawyers, business leaders and researchers in corporate, government or university laboratories throughout the world.

Pre-Health Careers

Many students have an interest in pursuing a career in human health, including dentistry, medicine, optometry, pharmacy, and many other health careers that can require additional education after completing a bachelor's degree. NatSci provides guidance for exploring these fields, and preparation to go on to the next steps in your career path.

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 **63,000** Living Alumni

NATSCI BY THE NUMBERS

Pre-Health careers: msunatsci.info/prehealth

Explore beyond the classroom

Education Abroad

NatSci majors can gain global exposure through education abroad. Students can take classes, conduct research, and get involved in local communities all over the world while earning credit toward graduation. Living and learning abroad offers a valuable opportunity for students to experience new cultures and develop a greater understanding of their role within a global community.

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Internships

An internship provides exposure to a field of career interest and can help a student develop new perspectives on their academic and professional goals. Internships give students opportunities to develop and showcase valuable workplace skills like teamwork, effective communication, and critical thinking.

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Community Engaged Learning

Community engaged learning contributes to the public good of local, national and international communities via co-curricular and academic placements. It also enriches a student's academic knowledge with real-world applications and develops personal, professional, and citizenship skills.

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Student Groups

Getting involved is an important part of the Spartan experience. With over 1000 student organizations, there is something to fit every interest.

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Research how to change the world

NatSci undergraduates will find plenty of opportunities to work shoulder-to-shoulder with top-tier faculty as they advance new theories and make discoveries while putting their own ideas to the test.

Students working in a research laboratory gain a deeper understanding in a scientific area and valuable hands-on experience.

Conducting undergraduate research is a unique opportunity to learn from faculty, researchers, graduate students and other undergraduate students who share similar passions.

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 **\$57M** Faculty Research Grants Awarded

NATSCI BY THE NUMBERS

How to Apply

Applications for **undergraduate students** are available on the MSU Office of Admissions website. Be sure to check out all the details you will need to have before applying, including deadlines, important dates, and information about test scores. When applying, you can select a major within the College of Natural Science to join the NatSci Spartan community.



Early Action
Application
Deadline
(for maximum
scholarship
consideration)



Early Action
Admissions
Decisions
Returned to
Applicants



Regular
Admissions
Application
Deadline



Regular
Admissions
Decision
Returned to
Applicants



Advanced
Enrollment
Deposit
Deadline



Check out this online list of
all the NatSci majors [here!](#)

NatSci majors: msunatsci.info/Degrees

Apply by November 1 for Maximum Scholarship Consideration

If you submit your undergraduate application and all required materials by **November 1**, you will receive a decision about your admission by **January 15**, and will receive the maximum scholarship consideration.

For more information, please scan the QR code that best represents your application intention:

Click Here for
First Year
Applicants



Click Here for
Transfer
Applicants



Click Here for
International
Applicant



If you are a first year, transfer, or international undergraduate applicant and want to meet with a staff member from the College of Natural Science, email us at NatSci.Explore@msu.edu or call us at **517-355-4470**.

First year applicant: msunatsci.info/1stYearApply

Transfer applicant: msunatsci.info/transfer

International applicant: msunatsci.info/International



College of Natural Science
MICHIGAN STATE UNIVERSITY



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