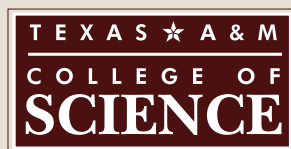




Approximately 700¹ undergraduate science majors were involved in faculty research projects last year.

IN TODAY'S HIGH-TECH WORLD, EVERYONE NEEDS A BASIC UNDERSTANDING OF SCIENCE.

If you want to go beyond the basics and seek scientific solutions to tomorrow's problems, the College of Science is the place for you!



<http://www.science.tamu.edu>

3257 TAMU
College Station, Texas 77843-3257
PH: 979-845-7361
FX: 979-845-6077

Undergraduate Studies

An Overview of Undergraduate Studies in the College of Science

As a rule, our educational experiences are anything but ordinary. In addition to traditional training in the fundamental sciences, we offer challenging research opportunities that enhance your academic experience and provide beneficial practical skills to better prepare you for advanced studies or a career in science.

SCIENCE AND YOUR FUTURE

DEGREE PROGRAMS

The College of Science offers 12 degree programs across five departments (see *subject areas below*). From broad-based instruction to heavy emphasis in a specific area, our advisors can help you chart your customized college course.

- **Majors:** applied mathematical sciences (BS), biology (BA, BS), chemistry (BA, BS), mathematics (BA, BS), microbiology (BS), molecular and cellular biology (BS), physics (BA, BS), zoology (BS)
- **Minors:** biology, chemistry, mathematics, neuroscience, physics, statistics

PRE-PROFESSIONAL PROGRAMS

Many students select a degree program in science to complete prerequisite courses for professional study programs. Many do so with help from the Office of Professional School Advising, which works with students of all majors to help them prepare. For more, go to <http://honors.tamu.edu/opsa/default.aspx>.

TEACHER CERTIFICATION

Local, state, and national trends indicate a crucial need for qualified teachers in mathematics and science. As one solution, the Colleges of Science and Education & Human Development have developed several pathways to teacher certification. To learn more, visit <http://cmse.science.tamu.edu/>.

UNDERGRADUATE ADVISORS

COLLEGE OF SCIENCE

Dr. Timothy Scott
(979) 845-7362, 514 Blocker
tim@science.tamu.edu

BIOLOGY

Christine Farris
(979) 845-3116, 107 Butler
cfarris@mail.bio.tamu.edu

CHEMISTRY

Dr. Tammy Tiner
(979) 845-0520, 104 Chemistry
tiner@mail.chem.tamu.edu

MATHEMATICS

Dr. Michael Stecher
(979) 862-4306, 605 Blocker
stecher@math.tamu.edu

PHYSICS

Dr. William Bassichis
(979) 845-7738, 421 Engineering/Physics
bassichis@physics.tamu.edu

SCIENCE CAREERS

At Texas A&M, our science majors are pursuing varied career paths that offer intellectual excitement and opportunity to better the lives of people worldwide. To explore employment possibilities and your own future potential through science, go to <http://careercenter.tamu.edu/guides/currentstudents/>.

CLUBS AND ORGANIZATIONS

Texas A&M has a proud heritage of tradition, and one of its most revered traditions is getting involved. The College of Science offers many opportunities to go beyond the books through science-oriented activities, programs, and organizations. For a complete list of campus-wide options, including many affiliated with the College of Science, check out getinvolved.tamu.edu.

HOW DO I GET IN?

ADMISSIONS 101

All applications for admission to Texas A&M University are handled by the Office of Admissions. To apply, you must complete a standard application form, available online (preferred method) at www.applytexas.org. For more information or specific questions about admissions, visit <http://admissions.tamu.edu/freshmen/default.aspx>.

FINANCING YOUR EDUCATION

An A&M education represents a valuable investment that far outweighs its cost. And we can help. Over 448 million³ in financial aid, scholarships, grants, waivers, work-study and on-campus employment were awarded last year.

ESTIMATED EXPENSES

Tuition and fees for a typical year (30 hours) is estimated at \$8,336 for residents and \$22,886 for non-residents and internationals. Total cost per year (tuition, fees, books, housing, food) is \$20,531 and \$35,681, respectively³.

SCIENCE SCHOLARSHIPS

The College of Science offers a variety of scholarships to students pursuing the sciences, teacher certification, and pre-professional careers. For a list of awards and guidelines, visit <http://www.science.tamu.edu/undergraduates/aid/>.

UNIVERSITY FINANCIAL AID

Each year nearly 80 percent³ of Texas A&M students receive some sort of

HELPFUL LINKS

Office of Undergraduate Studies, Science: <http://www.science.tamu.edu/undergraduates/>

Access Learning Communities: aggieaccess.tamu.edu

Appelt AggieLand Visitor Center: www.tamu.edu/visit/

Athletics: www.aggieathletics.com

Campus Safety: <http://upd.tamu.edu>

Career Center: careercenter.tamu.edu/

Honors Program: honors.tamu.edu/

Housing, Off-Campus: studentlife.tamu.edu/agoss/

Housing, On-Campus: reslife.tamu.edu/

Computing and Information Services: cis.tamu.edu/

Department of Recreational Sports: recsports.tamu.edu

Department of Student Life: studentlife.tamu.edu

Office of the Registrar: admissions.tamu.edu/registrar/

Public Policy Internship Program: www.tamu.edu/ppip/

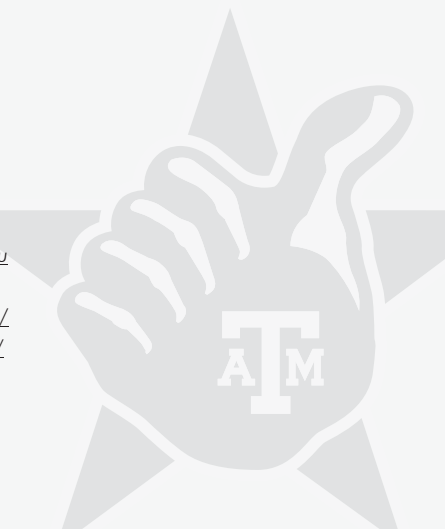
Student Activities: studentactivities.tamu.edu/

Student Counseling Services: scs.tamu.edu/

Student Employment: jobsforaggies.tamu.edu/

Student Learning Center: slc.tamu.edu/

Study Abroad Program: studyabroad.tamu.edu/



financial aid. A good place to start is Scholarships & Financial Aid, which offers assistance ranging from scholarships and loans to counseling and employment. To learn more, go to <http://financialaid.tamu.edu>.

RESEARCH OPPORTUNITIES

Even as undergraduates, our students are encouraged to explore research. As they get valuable experience—in some cases paid—they gain insight into their potential to pursue serious independent research and/or advanced studies.

INDEPENDENT RESEARCH COURSES

Learn side-by-side with the experts as you earn credit hours. Enroll in an independent research course (291/491 listings) or sign up for a summer research program. To explore options in your major, contact a departmental advisor.

RESEARCH EXPERIENCES FOR UNDERGRADUATES (REU)

Several of our units offer paid summer REU programs funded by the National Science Foundation. For current offerings and deadlines, visit <http://www.science.tamu.edu/research/REU/summer/>.

UNDERGRAD RESEARCH FELLOWS

In this independent research program, seniors conduct two semesters of research culminating in a senior honors thesis and presentation. To learn more, go to <http://honors.tamu.edu/Honors/Community/Fellows/fellows.aspx>.

UNDERGRAD RESEARCH SCHOLARS

This University-wide program is for juniors and seniors interested in conducting independent research. For more information on requirements and deadlines, visit <http://ugr.tamu.edu/scholars>.

ABOUT THE COLLEGE

The College of Science at Texas A&M University takes great pride in providing the highest quality science education, scholarly research, and technical expertise to the people and industries of Texas and the nation. Through five departments and many interdisciplinary centers and institutes, we advance discovery and solve real-world problems while producing the next generation of scientific leaders and technologies and playing a key role in helping Texas A&M succeed in its mission to become one of the nation's top 10 public institutions by the year 2020.

QUICK FACTS

- Five departments (Biology, Chemistry, Mathematics, Physics, Statistics)
- 29 degree programs—12 bachelor's, 8 master's, 9 doctorates
- 2,258 undergraduate majors
- 279 tenured/tenure-track faculty (14% of total)
- \$42.4 million/year in research
- ~50% of A&M distinguished professors
- U.S. leader in minority & female Ph.D.s
- Teach 20% of total A&M semester credit hours

© 2009 Texas A&M University. All rights reserved. This is an official publication of Texas A&M University. It was designed, compiled and edited by College of Science Communications, Texas A&M University. 0910_CLSC_Undergraduate; 09-11-01.

¹ 2008. "Student Information Management System (SIMS) Records," Texas A&M University.

² 2008. "Students on Aid," Student Financial Aid Office.

³ 2009. "2009-2010 Texas A&M University Viewbook," Office of Admissions.