The Texas A&M College of Veterinary Medicine & Biomedical Sciences (CVM) offers a distinctive undergraduate program in Biomedical Sciences (BIMS) at the CVM. BIMS is a broad field of applied biology that is directed toward understanding health and disease. The curriculum provides a strong four-year education that emphasizes versatility of the graduate in the biological and medical sciences.

A highly-effective academic counseling program helps students develop individualized course packages that orient and prepare them for entry into the medical, allied health, or graduate program of their choice. Such an approach enhances their educational experiences, improves their placement in professional and graduate programs, and facilitates their entry into the biomedical science job market.

Our mission is to educate students who will create a healthier future for humans and animals through the medical professions, biomedical innovation and discovery, global service, and outreach.

**A DEGREE FOR PURSUING ANY HEALTH PROFESSION**

- BIMS students make up a large portion of Aggie students that matriculate to Texas medical (42.3%), dental (57.5%), and veterinary schools (38%).
- Veterinary, medical, and environmental health are inextricably linked. The BIMS program advances these fields through the global goal of One Health.

In addition to coursework in biology, chemistry, and biochemistry, BIMS undergraduate students can take courses from all five academic departments in the college. The core courses are Biomedical Anatomy, Biomedical Microbiology, Biomedical Physiology, and Biomedical Genetics. Students may take advanced electives in mechanisms of disease, epidemiology and public health, neuroscience, reproductive biology, toxicology, genomics, and related biomedical fields.

BIMS undergraduate students have access to research and educational opportunities at the numerous signature institutes and collaborative centers within the CVM and across Texas A&M University:

- **Texas A&M Institute for Neuroscience** is a multidisciplinary program of highly collegial and collaborative scientists studying different areas of neuroscience in eight colleges at Texas A&M.
- **Center for Translational Environmental Health Research** improves human environmental health by integrating advances in basic, biomedical, and engineering research and promoting translation of these advances between the bench, the bedside, and the community.
- **Texas A&M Equine Initiative** is headquartered at the Thomas G. Hildebrand, DVM '56 Equine Complex, which is a state-of-the-art facility that provides an on-campus home for equine teaching, research, outreach, and athletic programming.
HELPING STUDENTS PURSUE THEIR DREAM

The BIMS program is the largest pre-professional program in Texas and the largest degree-granting undergraduate program at Texas A&M, with an enrollment of 2,821 students in 2018–19.

BIMS majors are a diverse group of high-achieving students, about 70% of whom were in the top 10% of their high school classes and over 24% of whom are first generation college attendees.

Through 2+2 articulation programs, qualified students at 15 participating community colleges throughout Texas are able to apply to transfer into the BIMS program at Texas A&M. These relationships have enabled students who are the first in their family to attend college to begin a four-year degree closer to home.

The BIMS program employs highly dedicated academic advisors who:

• Meet with prospective students
• Conduct new and transfer student orientations
• Guide students to define and develop clear and realistic educational plans
• Direct interested students towards enrichment activities including research, internship, study abroad, and leadership opportunities
• Mentor officers and students in the Biomedical Sciences Association
• Maintain a job board for students seeking employment
• Effectively communicate curriculum, graduation requirements, and academic policies and procedures

Texas A&M Institute for Genomic Medicine facilitates breakthroughs in science and medicine and accelerates the pace of medical discoveries through internal research and by providing resources, training, and services to the scientific community at large.