

BIOMEDICAL SCIENCES PROGRAM (BIMS)



CREATING A HEALTHIER FUTURE ONE STUDENT AT A TIME

Texas A&M University offers a distinctive, four-year undergraduate program in Biomedical Sciences (BIMS), a broad field of applied biology that is directed toward understanding health and disease.

The program prioritizes a One Health approach to education through courses that emphasize the interconnectedness of animal, human, and environmental health, while bringing together students with interest in medical careers that impact all three.

By emphasizing versatility in the biological and medical sciences, the BIMS program educates students who will create a healthier future for animals and human beings through professional practice, biomedical innovation and discovery, global service, and outreach.

A DEGREE FOR PURSUING ANY HEALTH PROFESSION

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 2,616 students in 2020-2021.

In addition to foundational coursework in biology, chemistry, and biochemistry, undergraduates can take Biomedical Anatomy, Biomedical Microbiology, Biomedical Physiology, and Biomedical Genetics, as well as advanced electives in mechanisms of disease, epidemiology and public health, neuroscience, reproductive biology, toxicology, and genomics.

BIMS undergraduate students also have access to research and educational opportunities, such as the Biomedical Research Certificate and the International Certificate in Cultural Competency and Communication in Spanish, as well as study abroad experiences.

As a result of these experiences, BIMS students make up a large portion of Aggie students that matriculate to Texas professional schools.

38%
of Aggies accepted to
veterinary school in 2019.

55%
of Aggies accepted to
medical school in 2019.

45%
of Aggies accepted to
dental school in 2019.

In addition, 94% of BIMS students who applied to pharmacy school were accepted in the 2019 admission cycle.

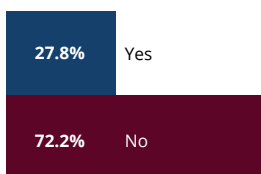


HELPING STUDENTS PURSUE THEIR DREAMS

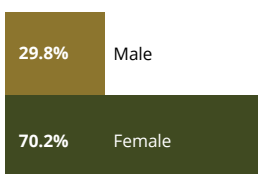
The BIMS program comprises a diverse group of high-achieving students, about 60% of whom were in the top 10% of their high school classes, more than half of whom are from historically underrepresented and excluded groups, and more than 24% of whom are first-generation college attendees.

FY20 Undergraduate Student Enrollment

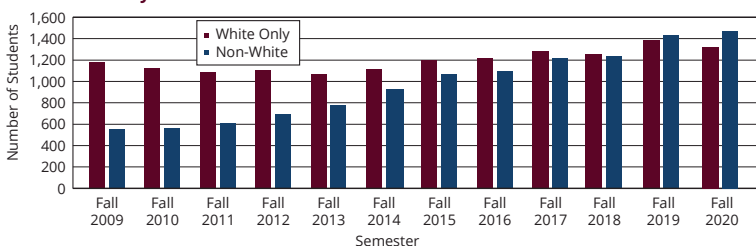
First Generation



Gender



Ethnicity Over Time



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 major is also offered at the Texas A&M Higher Education Center in McAllen, which works closely with the College Station campus to maintain an equivalent education for those students in the Rio Grande Valley.

To help students succeed, the BIMS program offers a highly-effective academic counseling program that assists students in developing 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 sciences job market.

PLEASE CONTACT US FOR MORE INFORMATION.

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