

# Bachelor of Science in Biophysical Sciences

SMU®

Biophysical science is a bridge between biology, chemistry, and physics.

“Biology studies life in its variety and complexity. It describes how organisms go about getting food, communicating, sensing the environment, and reproducing. On the other hand, physics looks for mathematical laws of nature and makes detailed predictions about the forces that drive idealized systems. Spanning the distance between the complexity of life and the simplicity of physical laws is the challenge of biophysics. Looking for the patterns in life and analyzing them with math and physics is a powerful way to gain insights.”

-- The Biophysical Society, “What is Biophysics?,” biophysics.org

**The Bachelor of Science in Biophysical Sciences at SMU** is a rigorous degree program that provides a strong foundation for careers in medicine or research. Whether your goal is medical school, an M.D.-Ph.D. program, or graduate studies in biophysics, this program will give you the preparation and distinction you need to aim for rewarding careers beyond college. With courses in biology, chemistry, physics, mathematics, and the School of Education, the degree plan includes the entire SMU pre-health curriculum and additional courses that provide advanced learning needed for post-college preparation.

The program requires 89 term hours. A core of courses from biology, chemistry, physics, and mathematics provides 83 of these term hours. The remaining term hours can be obtained from a selection of elective courses that are available in the degree plan. This program is advised in the SMU Department of Physics.

For more information, visit:

[www.physics.smu.edu/web/degrees/ugdegree.html](http://www.physics.smu.edu/web/degrees/ugdegree.html)



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