

Why I study Biology

I have been interested in the life sciences since I was a child. My parents gave me an old microscope from a school auction and I looked at everything I could. At first I started with leaves, bark and other items found out in my woods. I eventually advanced to using slides for tissue samples of earthworms as well.

Further study of Biology has led to a lack of sleep and slight anxiety but I am still interested and excited about life sciences. While retrosynthetic analysis of organic compounds make me cringe, I still appreciate organic chemistry's purpose overall. Though some topics in my studies were not my favorite, almost all of the topics were interesting. While I would never wish for a career strapped to a microscope counting *Drosophila melanogaster* lamellocytes, there is more to genetics than ratios and Punnett squares.

Studying biology mostly appeals to me because life's schematic is hidden within any organism's genetic code. With modern genomics and Bioinformatics, the possibilities are endless. The study of biology is not a stagnant field; it is constantly changing and evolving. Therefore, I know that my future career will always be pushing me to change and evolve too, which is crucial for scientific innovation and research.