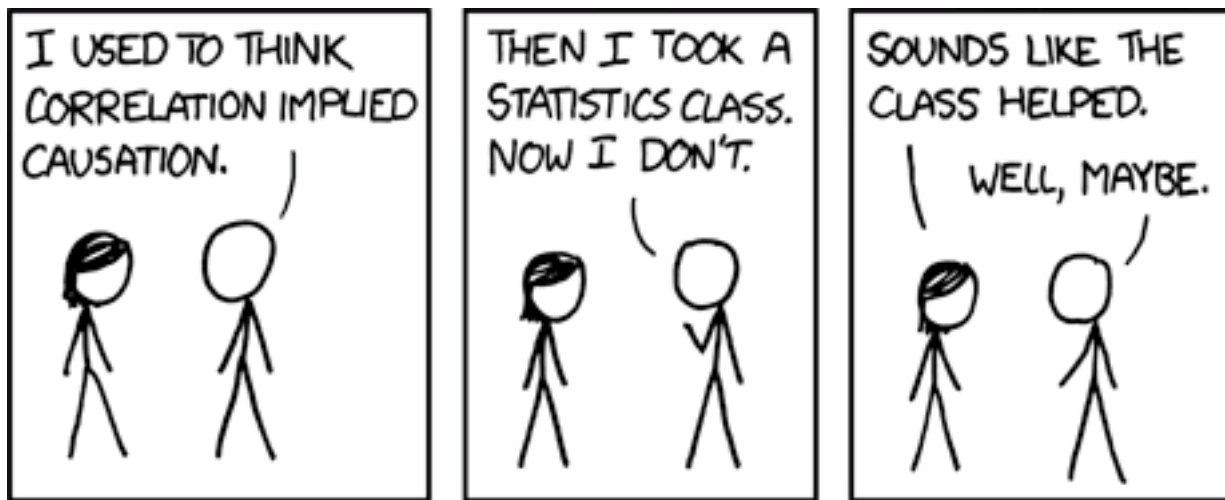


BIOL 1105 Biological Methods, Analysis and Interpretation

Offered Fall 2020



Data are everywhere today – they’re used to influence what you buy, to sway your political opinions, and to monitor the environment. This course focuses on how we use data to ask and answer scientific questions. This is especially important in the age of COVID-19, when numbers have a huge impact on our lives.

BIOL 1105 will take place on cuLearn. We will have pre-recorded video content as well as streaming sessions when the prof and TAs are available to help. Each week, new material will build on the previous lessons. We will practice often with weekly short homework assignments. I encourage students to work together on this part of the course!

We will often look at bad science and mistakes that even experts make. We will learn to apply some calculations and simple formulas, but you should be aware that BIOL 1105 is not a math course. You will need to know some basic probability, but many other skills that are just as important: skills like logic, language, organization, and even common sense. One of the goals of BIOL 1105 is to help you sharpen those skills so that you are better prepared for future BIOL courses and interpreting data in everyday life.

Overview: No assigned textbook. Frequent assignments and practice. Some readings from journal articles and online media.

Time: Tuesdays and Thursdays, 4:35 PM – 5:55 PM

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