

ENVS 275 “Quantitative Skills for Natural Sciences”

NEW for Fall 2018

INSTRUCTOR: Albert Barberán
LOCATION & TIME: TuTh 11:00am to 12:15pm Shantz, Rm 242W
CREDITS: Three units



SCOPE:

This course acquaints students with fundamental knowledge, skills, and abilities on statistical approaches to natural sciences that are critical to understanding, solving, and addressing natural science issues. Using Excel software, students will explore and visualize real-world data and derive meaningful and useful outputs. Additionally, students will learn how to interpret, visualize and analyze biological data.

OBJECTIVES:

1. Equip students with fundamental theoretical knowledge on statistics;
2. Teach students how to design an experiment and visualize data;
3. Demonstrate students how to use Excel to enter, organize, and analyze data graphically and numerically; and,
4. Provide students with practices to evaluate data output, make statistical inferences, and write a summary of results.

FOR FURTHER INFORMATION, PLEASE CONTACT:

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