WHY DATA SCIENCE?

Data Science is a powerful tool for Biologists and Chemists!

With data science skills you can:

1. Skillfully use computer programming to analyze large, cutting edge data sets
2. Write scripts to create compelling visualization of your results
3. Use statistics to demonstrate the significance of your results
4. Save time by automating data analysis and visualization
5. Organize and annotate data analysis for reproducibility, clarity, and long-term storage

FOR MORE INFORMATION CONTACT GOLD FACULTY

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Brochure created by Olivia Pham
GOLD is a program for SFSU Biology and Chemistry masters students who want to earn a graduate certificate in Data Science for Biology and Chemistry.

Do you plan to or have you analyzed large amounts of scientific data by hand?

Do you wish you could learn new computational techniques for your thesis?

GOLD will:

- Help you learn data science skills you need to analyze exciting biology/chemistry data sets
- Support you to apply those skills in your thesis
- Help you make connections outside SFSU to help you get a job in industry or Ph.D position
- Provide courses that are intentionally designed for biology and chemistry students

New program for SFSU grad students starting in Fall 2020

We welcome students with no programming, statistics, or data science experience!

All classes count towards masters degrees in Biology or Chemistry!