ENY 6905 Spring 2019 Graduate course | Credible Science | 2 credits
Starting Jan. 28th 2019 | Mondays - periods 3 & 4 - 9:35-11:30

Methods for Efficient, Reliable, and Reproducible Science

Knowing the truth is what drives us to do science.
But often, the way we do science is unreliable.
Take this course to understand why and implement solutions.

Graduate early-career scientists from all fields of life sciences:
Scientists and funding bodies, and sometimes the general public, have been troubled by irreproducible studies. False-positive results are flooding the literature. This course will guide you through practical solutions that will empower your own work. The course will include several practical workshops on how to (1) plan and preregister a study (including its intended sampling design and statistics) to obtain reliable results; (2) establish a reproducible and transparent workflow, making it easy to manage and share your project (Open Science Framework, RStudio projects, version control systems, collaborative platforms). These practices will allow you to demonstrate the quality and credibility of your research, which may become required, sooner rather than later!

Instructed in-person by Dr. Malika Ihle & Dr. Lisa Taylor in Steinmetz Hall room 1027
For syllabus, visit https://tinyurl.com/CredibleScience or email malika.ihle@ufl.edu