Josh Hiller* (johiller@adelphi.edu), One South Ave, Garden City, NY 11530, and Monica Morales-Hernandez. Combining statistical literacy with real world data-skills: What should a first course in data science for computer science majors cover? Preliminary report.

What is the best way to present data science to students with minimal mathematical maturity but computer programming experience? This is a question that the department of Mathematics and Computer Science at Adelphi has struggled with for some time. To help answer it, a new required course was introduced in the computer science major. This course, Statistics and Data Analytics, has duel objectives of teaching statistical literacy and advanced data science techniques. However, the authors (who are responsible for teaching the course) have had difficulty finding the correct balance of topics to extract the course’s full potential. In this talk we will go over different iterations of the curriculum and student feedback. We would appreciate comments from the audience that might help us improve our course going forward. (Received September 05, 2019)