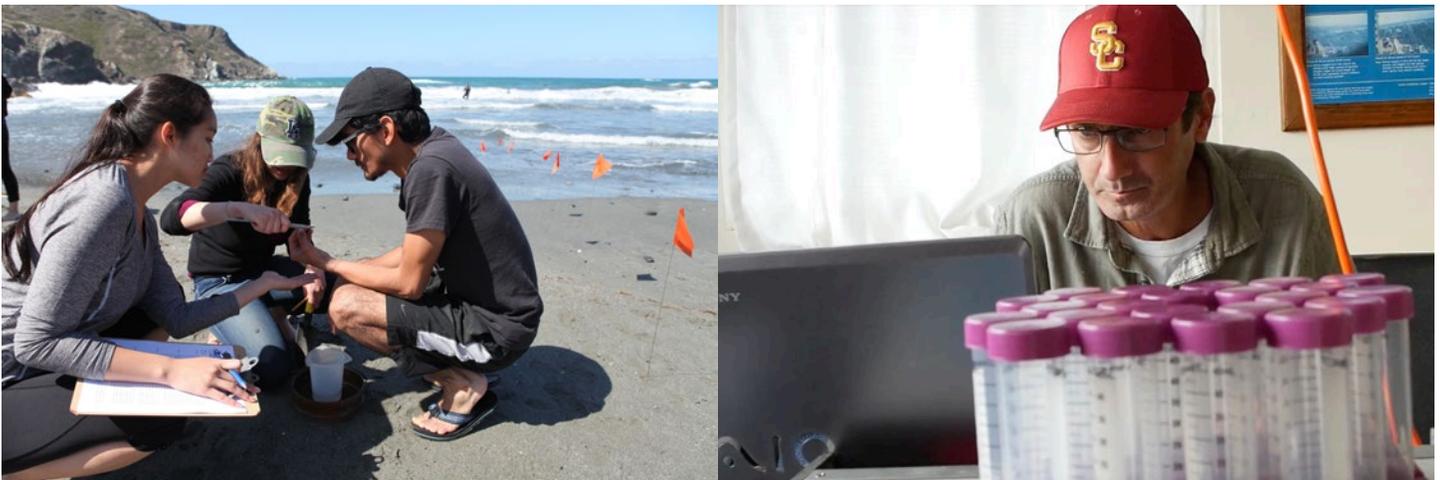# Master of Science Degree in Environmental Data Science

Offered by the USC Viterbi School of Engineering and USC Dornsife Environmental Studies Program

Application Deadline: March 1, 2020

Learn to use emerging technologies in environmental problem-solving. Study at the intersection of interdisciplinary fields. In the Environmental Data Science Master program, you will learn core natural science principles while training in data science skills to analyze real-world environmental datasets. Knowledge gained here will be applicable toward a range of professional paths in research and natural resource management. Open to students from any undergraduate background.

For more information: bit.ly/36CfFvX

A minimum of 32 units with an overall cumulative GPA of at least 3.0 is required. Students can complete the degree in either three or four semesters, depending on whether they take courses in the summer.

Required Core courses:

Data Science:
   INF 510 – Principles of Programming for Informatics (4 units)
   INF 549 – Introduction to Computational Thinking and Data Science (4 units)
   INF 550 – Overview of Data Informatics in Large Data Environments (4 units)

Environmental/Sustainability Studies:
   ENST 500 – Interdisciplinary Approaches to Environmental Studies (4 units)
   ENST 530 – Environmental Risk Analysis (4 units)
   SSCI 581 – Concepts for Spatial Thinking (4 units; online and on-campus options)

See website for electives in Data Science and Environmental Studies and other related courses: bit.ly/36CfFvX

Core course substitutions available for students with advanced backgrounds.