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# Data Science in Oceanography

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Summer Program for Undergraduate Students

University of Washington, Seattle, WA

Aug 8<sup>th</sup> — Aug 26<sup>th</sup>, 2022

The School of Oceanography at the University of Washington, the eScience Institute, and OceanHackWeek are excited to announce an undergraduate summer program on Data Science in Oceanography. Participating students will interact closely with faculty and graduate student mentors to develop and advance individual research projects revolving around oceanographic data analysis. The students will participate fully in the OceanHackWeek program, where they will gain hands-on experience in data science techniques and get familiar with cloud computing. The students will receive an overview of a typical graduate school application process in oceanography programs and tips on academic writing. The program will also organize fun activities in the Seattle area, such as hiking and kayaking trips, exploring the city downtown, etc. Financial support covering the cost of on-campus housing, meals, and up to a fixed amount of travel reimbursement will be provided to each participant.

Undergraduate students with strong interests in oceanography and data science are welcome to apply. The major goal of the program is to provide undergraduate students with opportunities in contemporary data-driven research in oceanography and attract them to exciting possibilities of pursuing academic career paths in oceanography. We are particularly eager to provide research and mentoring opportunities to historically underrepresented groups in STEM and students with non-traditional backgrounds.

Please apply at <https://oceanhackweek.github.io/> where you will find an application form and a list of required materials. Applications will be accepted starting from early May and decisions will be sent out to applicants by the end of June. For specific questions, feel free to contact Dr. Georgy Manucharyan at [gmanuch@uw.edu](mailto:gmanuch@uw.edu)