

Course Book

2024



UC SANTA BARBARA
HIGH SCHOOL PRE-COLLEGE ENRICHMENT



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For more information on our programs, visit www.summerdiscovery.com

Research Mentorship Program

The Research Mentorship Program is a competitive, six-week summer program that engages qualified, high-achieving high school students from all over the world in interdisciplinary, hands-on, university-level research. Students will be paired up with a mentor (graduate student, postdoc, or faculty) and choose a research project from a large [list of disciplines](#) offered by the program each year.

In addition to gaining a deep relationship with their mentor, they will learn about research techniques, gain insight into professional research-based opportunities, and mature their academic goals. The lecture series - [GRIT talks](#) - will connect students to some of the best minds among the UCSB research community who present on their ground-breaking research and innovative technology. Along with these academic benefits, the students will be immersed in university life and networked with equally ambitious and curious peers.



Summer Research Academies

Students participating in the Summer Research Academies will earn 4 university credits by taking an interdisciplinary research course that teaches fundamental concepts in the particular track they choose. The program starts with a required virtual component designed to academically and professionally prepare students for an intensive research experience. It will also give students the opportunity to build community with their peers through participation in social activities. Depending on the nature of their project, students will dedicate 25 to 40 hours a week to research. Over the course of the program, students will learn to effectively describe their research findings in a technical research paper, present at a formal capstone seminar, and earn college credits.

Research tracks [available here!](#)

