



The Polygence Program

Polygence is a **mentorship program** that helps students develop the skills they need to prepare for and excel in college. With guidance from PhD-level experts, students achieve tangible outcomes like **published papers** and **University of California college credits**.

The program consists of **1-on-1 mentorship** with an expert in the student's chosen field, from the Humanities to STEM. Students set their own meeting schedule over the course of **3 to 9 months** and create a variety of products, ranging from podcasts to docuseries to creative portfolios. Students who write research papers can even **earn a full college course of credit** through our exclusive program with the **Gifted and Talented Institute at the University of California Irvine**.

Polygence is delighted to partner with Headed for College to support its students throughout their educational journeys. Our goal is to help them **discover the passions** that will fuel their academic and professional careers. With this goal in mind, we offer Headed for College students **FREE access to our Pathfinders Career Discovery** program (\$595 USD value) which pairs students with experts in 3 different disciplines to help them discover their passions and test drive college majors.

92%

of Polygence seniors are accepted to R1 Research Universities



88%

of students said that things they learned in their projects will help or have already helped them succeed in college



Examples of Headed for College student projects with Polygence



Layla

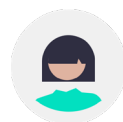
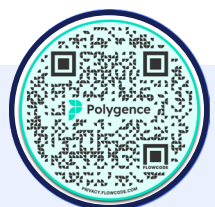
Palisades Charter High School
(2023)

Polygence Mentor: Nina, PhD in Bioengineering at Stanford University

Project: Nanotechnology in Cancer Therapeutics and Diagnostics

Outcome: [Research Paper Published in the Youth Medical Journal](#)

"I researched the use of nanotechnology in cancer treatment and diagnostics. This included immunotherapy, chemotherapy, phototherapy, and MRI imaging. I also proposed the next steps in nanotechnology-based cancer therapeutics and diagnostics."



Asha

Windward School
(2023)

Polygence Mentor: Thien, PhD in Plant and Microbial Biology, UC Berkeley

Project: How can algae be used to form a more sustainable textile material?

Outcome: [Public Presentation at Polygence's biannual Symposium for Rising Scholars](#)

"I followed the scientific method by researching sustainable textiles and algae, experimenting with an algae based alternative fabric and adjusting my protocol as needed. I designed an environmentally friendly garment inspired by macroalgae I collected from the environment and bacteria I hypothetically engineered to make cellulose."

Scan here to apply, or visit this url:
www.polygence.org/partner/headedforcollege



Published on 03/06/2023. Details subject to change.
Comically large books not included in project.