

Org-Type Higher-Education-based

Lead University of California

PoC

N/A

PoC-Phone N/A

PoC-Email

cosmos@ucop.edu

Address 1111 Franklin Street 9th Floor Oakland CA, 94607

URL

Service-Region All California

Type Student Program

Subjects General Science|Biology|Math|Chemistry|Physics|Earth Science|Space|Computer Science|Environmental Science|Engineering|Robotics|Other

Level High School (9-12th grade)

Other-Objectives

Served-per-Year

[Demographics](#)

**Content** The mission of COSMOS is to motivate the most creative minds of the new generation of prospective scientists, engineers and mathematicians who will become leaders for California, the nation, and the world. At the request of the State of California, UC provides an opportunity for students who wish to learn advanced mathematics and science and to prepare for careers in these areas. The California State Summer School for Mathematics and Science (COSMOS) is a residential academic experience for top high school students in mathematics and science. The COSMOS course clusters address topics not traditionally taught in high schools such as astronomy, aerospace engineering, biomedical sciences, computer science, wetlands ecology, ocean science, robotics, game theory, and more.

**Outcomes** The program aims to create a community of students who participate in and contribute to an intensive academic experience delivered by distinguished educators and scholars. Through the program students will learn more about courses that generally are not offered in high schools. In taking these courses COSMOS hopes that students will gain interest and pursue career goals in these challenging and exciting fields.

Started

[Funded-Through](#)

Length

[Cost](#)

Primary-Funding

[Primary-\\$](#)

Materials

Other-Funding

How-Assessed

Best-Practice-Why

Promising-Practice

Sponsor

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Other-Orgs