

Summer Programs for Sophomores

Science Programs

1. **Program Name:** The Physics of Atomic Nuclei Program

Website: <http://www.nscl.msu.edu/teachersstudents/programs/pan>

Deadline: April

Costs: Transportation costs are the only costs students have to pay for.

Topics: Physics, Astrophysics, and Cosmology.

Eligibility: None.

2. **Program Name:** UConn Mentor Connection

Website: <http://www.gifted.uconn.edu/mentor/>

Deadline: April

Costs: Full and partial scholarships are available.

Topics: Research.

Eligibility: 3.0 and top 25% in your class.

3. **Program Name:** Smith Science & Engineering Program for high school girls

Website: http://www.smith.edu/summer/programs_ssep.php/program.php

Deadline: Unknown

Costs: Does have a cost, but scholarships are available.

Topics: Science, engineering and medicine.

Eligibility: Must be female.

4. **Program Name:** Carleton Summer Science Institute

Website: <https://apps.carleton.edu/summer/science/>

Deadline: Rolling until April

Costs: Full and partial scholarships are available.

Topics: Geology, Chemistry, and Biology.

Eligibility: None

5. **Program Name:** Young Scholars Program

Website: <http://ydp.ucdavis.edu/>

Deadline: April

Costs: \$25 application fee. Financial aid available.

Topics: Research.

Eligibility: None.

6. **Program Name:** Advanced Biotechnology Institute

Website: <http://www.biotech-institute.org/>

Deadline: Rolling

Costs: Limited financial aid is available.

Topics: Biological Research.

Eligibility: None.

7. **Program Name:** SAMS: The Summer Academy for Mathematics + Science at Carnegie Mellon

Website: <http://www.cmu.edu/enrollment/summerprogramsfordiversity/sams.html>

Deadline: April

Costs: None except transportation, books, and supplies.

Topics: Engineering, science and math based.

Eligibility: None

8. **Program Name:** 2013 COSMOS UC Davis

Website: <http://cosmos.ucdavis.edu/>

Deadline: February

Costs: \$30 Application Fee (non-refundable) Full and partial financial assistance may be available for students who qualify individually for free/reduced lunch.

Topics: Science, technology, engineering and mathematics (STEM) fields. COSMOS courses are hands-on and lab intensive focusing on current research.

Eligibility: None.

9. **Program Name:** GWC

Website: <http://www.ag.iastate.edu/diversity/gwc/apply>

Deadline: March

Costs: Free + \$1500 stipend.

Topics: Research

Eligibility: Must be 16 years or older and have a 3.0 GPA.

10. **Program Name:** Howard Summer Enrichment Science Academy

Website: http://www.pharmacy.howard.edu/Ctr_excellence/HU_high_school_enrichment.html

Deadline: March

Costs: Unknown

Topics: Medicine

Eligibility: 3.0 GPA

11. Program Name: Summer Science Enrichment Program

Website: http://www.marquette.edu/programs/hcop_summer_enrichment.shtml

Deadline: March for early deadline; April for regular.

Costs: None

Topics: Medicine; program features courses in physics, chemistry, biology, and math.

Eligibility: 3.0 GPA, be low-income or first-generation college.

Engineering Programs

1. Program Name: CURIE Academy at Cornell University

Website: http://www.engineering.cornell.edu/diversity/summer/high_school/curie/index.cfm

Deadline: March

Costs: There is a fee, but very good financial aid is available for both the cost of tuition AND transportation.

Topics: Engineering based.

Eligibility: Females with a minimum GPA of 3.0 on a 4.0 scale

2. Program Name: CATALYST Academy at Cornell University

Website: http://www.engineering.cornell.edu/diversity/summer/high_school/catalyst/index.cfm

Deadline: March

Costs: There is a fee, but very good financial aid is available for both the cost of tuition AND transportation.

Topics: Engineering based.

Eligibility: Minorities with a minimum GPA of 3.0 on a 4.0 scale

3. Program Name: Summer Academy in Applied Science and Technology at the University of Penn

Website: <http://www.seas.upenn.edu/saast/>

Deadline: March

Costs: \$75 application fee.

Topics: Engineering based.

Eligibility: None, but you should be in very good academic standing with a bare minimum of a B average.

4. Program Name: WYSE

Website: <https://wiki.engr.illinois.edu/display/wyse/WYSE+Summer+Camps>

Deadline: April

Costs: Scholarships are available.

Topics: Engineering

Eligibility: None

5. Program Name: C-Tech2

Website: <http://www.eng.vt.edu/ctech2>

Deadline: April

Costs: Full and partial scholarships available.

Topics: Engineering

Eligibility: Must be female.

6. Program Name: Summer Engineering Seminar

Website: <http://www.scu.edu/engineering/about/ses.cfm>

Deadline: March

Costs: None except transportation.

Topics: Engineering

Eligibility: None

7. Program Name: The EDGE Workshop

Website: <http://engineering.union.edu/edge/index.html>

Deadline: Rolling until May

Costs: Scholarships are available

Topics: Engineering

Eligibility: Must be a female

8. Program Name: PREFACE

Website: <http://doso.rpi.edu/update.do?catcenterkey=87>

Deadline: March

Costs: Free

Topics: Engineering

Eligibility: None

Mathematics Programs:

1. Program Name: PROMYS

Website: <http://www.promys.org/>

Deadline: May

Costs: Need based financial aid available.

Topics: Math.

Eligibility: None.

2. Program Name: The Ross Mathematics Program

Website: <http://www.math.osu.edu/ross/>

Deadline: Rolling, but May.

Costs: Need-based financial aid available.

Topics: Math

Eligibility: None.

3. Program Name: HCSSiM

Website: <http://www.hcssim.org/index.html>

Deadline: Unknown

Costs: Financial aid available.

Topics: Mathematics.

Eligibility: None.

4. Program Name: SUMaC

Website: <http://math.stanford.edu/sumac/>

Deadline: March

Costs: Financial Aid is available

Topics: Math.

Eligibility: None.

Pre-College Programs

1. Program Name: Young Women's Leadership Institute

Website: <http://barnard.edu/precollege/summerprograms/programs/ywli>

Deadline: Unknown

Costs: \$65 non-refundable application fee. Unsure about program costs.

Topics: Gender issues leadership program.

Eligibility: Must be female

2. Program Name: Harvard Secondary School

Website: <http://www.summer.harvard.edu/programs/secondary-school/admission-getting-started>

Deadline: Rolling until March

Costs: \$50 application fee, and financial aid is available.

Topics: Various

Eligibility: None.

3. Program Name: Skidmore Pre-College Program

Website: <http://cmsauthor.skidmore.edu/odsp/precollege/overview.cfm>

Deadline: April

Costs: \$40 application fee. Financial aid is available

Topics: Pre-College

Eligibility: None

Business Programs

1. **Program Name:** LEAD at University of Pennsylvania

Website: <http://www.wharton.upenn.edu/academics/LEAD.cfm>

Deadline: January

Costs: \$45 app fee. Financial aid is available.

Topics: Business.

Eligibility: B average or higher, combined PSAT scores of at least 100, or SAT at least 1000, or ACT of at least 22.

Miscellaneous Summer Programs

1. **Program Name:** Where There Be Dragons

Website: <http://www.wheretherebedragons.com/apply.php>

Deadline: Varies

Costs: Financial aid is available.

Topics: Travel Abroad.

Eligibility: Depends on the program.

2. **Program Name:** TASS

Website: http://www.tellurideassociation.org/programs/high_school_students/tass/tass_general_info.html

Deadline: January

Costs: None except for transportation. \$500 stipends are available as well.

Topics: Leadership

Eligibility: None.

3. **Program Name:** CLAE program

Website: <https://apps.carleton.edu/summer/clae/>

Deadline: April

Costs: None, even transportation is paid.

Topics: Science, Social Sciences, Technology, and Art.

Eligibility: Must be African American.

4. **Program Name:** Future Latino Leaders Law Camp

Website: <http://www.hnbf.org/content/future-latino-leaders>

Deadline: March

Costs: None, but there is a \$50 application fee (it can be waived, however)

Topics: Law

Eligibility: Must be Hispanic