



W.E.B. DuBois
Scholars Institute

ACCELERATED LEARNING ACADEMY (ALA)

3 WEEKENDS OF INTERACTIVE WORKSHOPS
FOR STEM FIELDS FOR 10TH AND 11TH GRADERS*

Choose from 4 Tracks

Medical Science
Biomedical Engineering &
Technology
Applied Mathematics
Artificial Intelligence &
Technology

**Fridays 6pm to
Sundays 2pm**

December 13th -15th
February 28th - March 1st
April 24th - 26th

Good at math and science?

GPA of 3.0 or better?

Want a STEM major in college?

Want a career in the STEM fields?

If so, apply to ALA and:

learn from other youth and top scientists
to explore career options

take STEM workshops on the
campus of Princeton University

strengthen your college
application

**Applications will be reviewed on a rolling basis to select
25 students for each track, so apply as early as possible!**

See what our
Scholars say!



[http://duboisscholars.org/programs/
accelerated-learning-academy.html](http://duboisscholars.org/programs/accelerated-learning-academy.html)

At Princeton University

174 Nassau Street, Suite 360, Princeton, NJ 08542

Phone: 609.955.0666 Email: admissions@duboisscholars.org

Application: www.duboisscholars.org

*All weekend workshops will occur on the campus of Princeton University. Student overnight stay will occur off-campus at a hotel. Round trip transportation can be set up for out-of-state participants traveling from Newark International Airport to the hotel.

ABOUT THE ACCELERATED LEARNING ACADEMY (ALA)

DATES

DEC 13-15, 2019

FEB 28- MAR 1, 2020

APR 24-26, 2020

LOCATION

Princeton University & a Hotel in Princeton

ACADEMY GOAL

The ALA prepares high-achieving 10th and 11th graders for professional careers in Medical Science, Biomedical Engineering & Technology, Artificial Intelligence & Technology and Applied Mathematics. Students will explore new STEM content with group activities, lectures, hands-on demonstrations and real world applications taught by experienced scientists.

ELIGIBILITY

Currently in 10th or 11th grade
Minimum overall GPA: 3.0
Minimum overall average
for STEM courses: B

REQUIREMENTS

Applications must be received no later than November 13, 2019 by mail or online at duboisscholars.org including
(a) 300 word essay of your interest in the program and a description of your education and career goals, (b) 2 Letters of Recommendations, (c) Transcript & (d) Virtual Interview

SCHOLARSHIPS

The complete cost of the program, which covers room/ board & tuition, is \$2,600. Scholarship assistance is available ranging from \$800 to \$2,200 based on economic need and academic merit.

WEEKEND THEMES*

	Dec 13 th – 15 th	Feb 28 th - Mar 1 st	Apr 24 th – 26 th
Medical Science	Proteins	Metabolism & Pharmacology	Clinical & Translational Science
Biomedical Engineering & Technology	Mechanics	Electronics	Materials Science
Applied Mathematics	Mathematical Models in Everyday Life	Mathematical Modeling for Environmental Science	Game of Chance: Mathematical Modeling & Probability
	Chromatography & Separation	Fluid Dynamics	Energy & Thermodynamics
Artificial Intelligence & Technology	Intro to Artificial Intelligence	The Internet of Things	Computer Vision

*Themes are subject to change.