

2022 Summer Programs

Focused mainly on STEM programs in the Northeast Region

There are a huge variety of summer programs available for middle and high school students in and around Massachusetts. This list by no means encompasses all of them. Below you will find options ranging from pre-college programs (offered by colleges and universities for high school students) to STEM summer camps to online classes. Cost for these programs range from free to over \$10,000. Most of them do offer financial assistance based on need and occasionally on minority status, though financial aid deadlines often occur before the main application deadline, so the earlier you apply, the better. There are different application requirements for each of the programs (COVID vaccination status, gpa, etc) and different benefits (college credit, certificates, etc), so make sure to read more at the attached links for the programs you are interested in. Since we are getting this list together a bit late this year, programs that have already passed the deadlines have been excluded from the list.

Acera School Summer Camp - rolling admissions

The Acera School in Winchester, MA has day camps with a variety of themes for ages 7-17. Multiple sessions are available. *Cost ranges from \$420 - \$840 (financial aid is available).*

Adventures in Veterinary Medicine - rolling admissions

Tufts Cummings School of Veterinary Medicine is running this program online this summer. The program is for 9-12 grade students and multiple sessions are available. *Cost is \$600.*

AHEAD Analytics Head Start Summer Enrichment - rolling admissions

This online data analytics program is available for 9-12 grade students. Two sessions are available, one is on July 11 and the other on July 24. *Cost is \$800.*

AI4ALL - deadline May 1

Boston University offers this program for 10-11 grade female students to learn about artificial intelligence. The day program is held from July 25 - August 12 at BU's Boston campus, so students must be within commuting distance. *Cost is \$100.*

AMP (Academy of Media Production) - rolling admissions

This program through Boston University is a residential four-week workshop for students who are interested in media storytelling and entering 10-12 grades. Dates for 2022 are July 5-29. *Cost is \$6750 (financial aid deadline has passed).*

Artemis Project (LERNet) - deadline May 1

Boston University's learning resource network organizes this computer science program for rising 9th grade female students. The day program is held from July 5 - August 5 on BU's Boston campus, so students must be within commuting distance. *Cost is \$100.*

Art of Problem Solving Online Classes - rolling admissions

Various math classes for grades 5-12 are offered online at Art of Problem Solving. *Cost ranges from \$370 - \$450.*

Astronomy High School Institute - deadline May 15

If you are interested in astronomy, check out this week long residential camp for 11-12 grade students at Alfred University in Alfred, NY. (Alfred University offers several different types of summer camps, if you are looking for more options, check them out [here.](#)) *Cost is \$1080 (financial aid is available).*

AwesomeMath Summer Program - deadline May 15

This virtual math program is open to 6-12 grade students to apply to. Multiple classes and sessions are available. *Cost is \$1150 per course.*

The Babson Financial Literacy Project - rolling admissions

The BFLP is running a summer workshop called How to Manage your Money in College and Beyond which aims to help students build a strong foundation of financial knowledge and avoid common money mistakes. Workshops are targeted towards high school juniors and seniors and college students too. Sessions are held the four Wednesdays in July. *Cost is \$299 for four sessions.*

Beaver Summer Camp - Design with Purpose - rolling admissions

Beaver Summer Camp in Chestnut Hill, MA has multiple sessions of their research & design day camp for 5-8 grade students this summer. *Cost is \$925.*

Belmont Hill Summer School - rolling admissions

Belmont Hill School in Belmont, MA offers 3 and 6 week summer school courses in math, science, technology, English, SAT prep and the Arts. Courses are for 6-12 grade students and they must be able to commute each day. *Cost ranges from \$450 - \$650.*

Boston Leadership Institute Summer STEM Programs - rolling admissions

A variety of STEM programs are offered for 6-12 grade students through the Boston Leadership Institute. Programs range in length of time and topics and residential, commuter and virtual options are all available. *Cost ranges from \$599-\$2200 tuition with additional fees for residential programs.*

Boston Scientific Summer Internships

These are paid internships for students who meet at least one of the following criteria: Meets income eligibility guidelines for federal Free or Reduced Lunch or SNAP benefits, is or will be the first person in their family to earn a high school diploma, on track to become the first person in their immediate family to attend college, immigrated to the US, English language learner (ELL), has experienced homelessness or high mobility due to housing instability, or involved in the foster care system.

Brown University Summer Programs - deadline May 20

Brown University in Providence, RI offers a variety of summer programming for 9-12 grade students. Multiple sessions are offered, with both residential and commuter options. *Cost is \$2581-\$9345 depending on program choice (financial aid is available).*

BU Summer High School Programs - deadline May 27

There are a variety of sessions available for 8-12 grade students at Boston University this summer, with residential, commuter and virtual options. *There is a \$50 application fee and the cost ranges from \$5370-\$6675 (some financial aid is available).*

Carnegie Mellon University Pre-College Programs - rolling admissions

Check out the website for Carnegie Mellon University (in Pittsburgh, PA) to see a variety of pre-college programs available for high school students.

Champlain Game Academy - rolling admissions

The Champlain Game Academy of Champlain College in Burlington, VT offers two intensive pre-college residential programs for high school students entering grades 10-12 and recent high school graduates, and a virtual introductory program for students entering grades 7-9. Programming focuses on game development and what it is like to study game development in college. *Cost of virtual program is \$1900 and cost of residential program is \$4500 (financial aid is available).*

Circuit Lab Day Camps - rolling admissions

These Electronics and robotics day camps for ages 6-14 are offered at multiple locations around MA. Check the individual sites for pricing and dates.

Codemakers Belmont Summer Camp - rolling admissions

Several one-week day camp sessions are offered in Belmont, MA for 3-8 grade students. Campers experience coding and robotics. *Cost ranges from \$600 - \$750.*

Code Ninjas Summer Camp - rolling admissions

Day camps for coding are available for ages 8-14 through Code Ninjas. These are offered at multiple locations around MA. Check individual sites for session dates. *Cost is \$289.*

Code Wiz Summer Camps - rolling admissions

These coding camps for ages 7-17 are offered both as day camps or virtually through multiple locations. The closest site is in Westborough. *Cost ranges from \$285 - \$349.*

Coding with Kids Online Camps - rolling admissions

These online coding camps have options for ages 5-18. *Cost ranges from \$191 - \$231.*

CS Recitations Summer Coding Classes - rolling admissions

CS Recitations in Natick, MA offers multiple summer commuter classes for grades 4-12. Online options are also available. *There is a \$35 registration fee and tuition ranges from \$280 - \$425.*

Cyber Math Summer Camp - rolling admissions

Cyber Math offers both residential and commuter summer camps for math and AI at the Harvard Law School in Cambridge, MA. 6-11 grade students can apply. AI Camp is held July 18-23 and math camp is July 18-29. *Cost ranges from \$1485 - \$6650.*

Digital Media Academy Virtual Camps - rolling admissions

The Digital Media Academy offers multiple one week virtual camps for ages 9-18. *Cost is \$174.75 and up.*

Digital Media Production Academy - rolling admissions

The Digital Media Production Academy of Champlain College in Burlington, VT is an intensive pre-college summer program for rising high school juniors and seniors and recent graduates who are interested in exploring the professional methods of digital storytelling used in the broadcast industry. The residential program will be held July 11-22. *Cost is \$4500 (financial aid is available).*

DIYA Research Data Science Summer Programs - deadline is April 30

DIYA Research has two online summer programs for high school students. The three week long boot camp covering python programming, data analysis and visualization for 9-12 grade students is offered June 6-25 and July 11-30. The 8 week long research program is for 11-12 grade students and is held June 6 - July 30. *Both programs cost \$600.*

Drobots @ Bancroft - rolling admissions

Drobots drone day camp is offered at Bancroft School in Worcester, MA this summer from Aug 8-12. Students in grades 4-8 can attend. *Cost is \$425.*

Drobots STEMquest - rolling admissions

The Drobots STEMquest program for 6-8 grade students is being offered at the Park School in Brookline, MA July 11-22. This is a day program focused on robotics. *Cost is \$1610.*

Edge on Science - rolling admissions

Edge on Science is a program that offers various week-long STEM summer camps at multiple locations. The closest locations are Newton and Beverly. There are sessions available for students in grades 3-9. *Cost is \$795.*

Edge Summer College Program - deadline is May 1

The University of Delaware in Newark, DE offers its pre-college program to 11-12 graders who have a 3.0 gpa or higher. The residential program is held from July 10-30 with varied topics of study available. There is a \$60 application fee and the cost of the program is \$4900 (*some financial aid is available*).

Einstein's Workshop Summer Classes - rolling admissions

Einstein's Workshop in Burlington, MA has a variety of classes this summer for grades K-8. See their website for a list of options and prices.

Emagination tech camps - rolling admissions

Bentley University in Waltham, MA is offering two-week tech and coding camps for ages 8-17. Residential and commuter programs are available. *Cost ranges from \$1795 - \$3249.*

Empow Studios Summer Camps - rolling admissions

Empow Studios offers day camps in tech & design, video gaming, and robotics for grades 2-8 in multiple locations in and around Boston. *Cost is \$839.*

Engineering Design Workshop - rolling admissions

The MIT Edgerton Center is coordinating this workshop virtually for 9-12 grade students interested in engineering. Students need to organize their own local groups, find a teacher willing to supervise the group, and then can reach out to the Edgerton Center for details on projects and pricing.

Expedition: Bio - deadline June 9

The Whitehead Institute offers this online biology class for 7-8 grade students. Multiple sessions are available. *FREE*

EXPLO Summer Programs - rolling admissions

These academic enrichment programs are for grades 4-12. Wheaton College in Norton, MA hosts the 4-7 grade program, Sarah Lawrence College in Bronxville, NY hosts the 8-10 grade program, and Wellesley College in Wellesley, MA hosts the 10-12 grade program. A variety of courses and programs are offered, see website for details on dates and course choices. Both residential and commuter options are available. *Cost ranges from \$795 - \$6790 (financial aid is available).*

GirlsGetMath - deadline May 20

Stonehill College in Easton, MA offers this commuter math program for 10-11 grade students of all genders. Held July 11-15, the *cost is \$100 (financial aid available).*

Girls Make Games Virtual Summer Camp - rolling admissions

This online coding camp is for female and nonbinary students ages 8-18. The camp will be held online July 11-29. *Cost ranges from \$1250 - \$1700 (financial aid is available).*

GMGI Summer STEM enrichment - rolling admissions

Gloucester Marine Genomics Institute in Gloucester, MA holds science day camps for ages 14-18. *Cost is \$400 (financial aid is available).*

GreenApple Campus STEM Workshops - rolling admissions

The GreenApple Campus in Needham, MA has multiple summer STEM workshops. Check their website for more details about dates and pricing.

Harvard Chan C-CHANGE Youth Summit on Climate, Equity & Health - rolling admissions

Interested in taking action on climate change? This residential climate focused summit at Harvard is for high school students and takes place July 24-30. *Cost is \$3990 (financial aid is available for underrepresented students).*

Harvard Pre-College Program - deadline May 11

Harvard offers an academically rigorous summer program for 11-12 graders with a variety of available classes. Multiple sessions are offered and the program is residential. *Application fee of \$75 and cost of program is \$5050 (financial aid deadline has already passed).*

Harvard Secondary School Program - deadline May 11

Harvard offers a summer program from June 18 - August 6 for 10-12 grade students with a variety of available classes. Residential, commuter and virtual options are available. *Cost ranges from \$3700-\$13,400 (financial aid deadline has already passed).*

Harvard Summer Academies - rolling admissions

These week-long summer sessions at Harvard for 9-12 grade students have both commuter and virtual options. Classes are available in business, coding and pre-med. *Cost ranges from \$400-\$800.*

HCSSiM (Hampshire College Summer Studies in Mathematics) - rolling admissions

9-12 grade students are invited to apply to this six week residential math program at Hampshire College in Amherst, MA. Dates for the program are July 3 - August 13. This program is usually full by early June, so apply quickly. *Cost is \$4913 (financial aid is available).*

iCode of Wellesley Summer Camps - rolling admissions

There's a variety of day camp options for ages 7-16 at iCode Wellesley. Multiple sessions available. *Cost is \$799.*

iD Tech Camps - rolling admissions

iD Tech camps have options for ages 7-18 at various locations. Both residential and commuter options are available depending on the location. *Cost ranges from \$1029 - \$1179.*

ImpactLab - deadline May 20

ImpactLab at Wentworth Institute of Technology in Boston is an innovative two-week residential summer experience for rising juniors and seniors in high school. This hands-on learning program will give students a chance to explore their passions in science, engineering, and design. *Cost is \$3495 for a two week session.*

Inventor STEM School - deadline July 8

Check out the list of intensive 5 day STEM classes offered at the Inventor STEM school in Bedford, MA. Classes are available for ages 3 - 16 and the school offers a dedicated workspace for parents while their children are in class. *Cost is \$375.*

KTBYTE Summer Classes - rolling admissions

KTBYTE in Lexington, MA offers week-long computer science classes for ages 9-18 during school breaks. Commuter and virtual options are available. *Cost is \$743.*

Letgo Your Mind Summer Programs - rolling admissions

Offered in multiple locations around MA, these coding and stop motion animation classes are for ages 9-13. Classes are one-week long and offered as a day program. *Cost ranges from \$290 - \$360.*

Lexington Singapore Summer School - rolling admissions

The Lexington Singapore School offers summer classes for grades 1-10 in math. Both commuter and virtual options are available. An evaluation must be done for the student before determining which class is right for them. *Cost is \$405.*

LLCipher - deadline is April 29

This online cryptography course for 9-12 graders is offered by MIT Lincoln Laboratory. Dates for the class are August 1-5. *This class is FREE.*

Massachusetts Academy of Math & Science STEMQuest & ComputerQuest - deadline June 5

The Massachusetts Academy of Math and Science at WPI offers two 6-8 grade day programs in the summer. STEMQuest is held July 11-15 and ComputerQuest is held July 18-22. *Cost is \$425.*

Mass Audubon Nature Camp - rolling admissions

Summer science programming for ages 4-17 is held at various locations in the area. *Cost ranges from \$115 - \$635 on a sliding fee scale (financial aid is available).*

MathILy -deadline is April 26 (rolling admission after the deadline)

This residential math program for 9-12 graders is held at Bryn Mawr College in Bryn Mawr, Pennsylvania, from July 3-August 6. *Cost is \$4950 (financial aid is available).*

Music & Magic in Glass Camp - deadline May 15

Alfred University in Alfred, NY is offering this week-long residential camp for 9-10 graders on July 10-15 and 11-12 graders on July 17-22. Students will enjoy hands-on glass engineering projects. *Cost is \$1080.*

National High School Game Academy - rolling admissions

Carnegie Mellon University in Pittsburgh, PA runs this residential game development camp for ages 16 and up. Dates for 2022 are July 5 - August 12. *There is a \$50 application fee and the cost for the program is \$10,573 (financial aid is available).*

Northeastern University Accelerate: Pre-College Programs - rolling admissions

A variety of offerings are available this summer at Northeastern University. *The residential program costs \$6195 (financial aid is available).*

NuVu's Summer Studio - rolling admissions

NuVu is located in Cambridge, MA and has various STEM related programs for ages 11-15. *Cost is \$2025 (financial aid is available).*

OPAK Summer Programs -

Ocean Protection Advocacy Kids usually has summer programming available. 2022 details have not been listed yet, but keep an eye out.

Play-Well TEKnologies Summer Programs - rolling admissions

These LEGO inspired engineering classes are for grades K-8. There are multiple locations around MA that offer these programs this summer. Check individual sites for more details.

PopHealthExperience - rolling admissions

Learn about public health this summer at Boston University's School of Public Health. The residential or commuter program is open to 10-12 grade students and takes place July 11-22. *Cost varies from \$2750 - \$3200 (financial aid available).*

Pre-College @ UMass Amherst - deadline June 15

UMass Amherst offers a variety of summer options for 10-12 grade students, including residential, commuter, and online. *There is a \$35 registration fee and cost varies from \$1079 - \$3506 (financial aid available).*

Project SMART - deadline June 10

The University of New Hampshire will be running this biotechnology program for high schoolers online via zoom this summer. Dates will be July 11-29. *Cost is \$500 (financial aid is available).*

PZMath College Prep Bootcamp - rolling admissions

This pre-college program focuses on preparing students for college by building strategies for success using logical and proactive reasoning skills. The residential program is held at Williams College in Williamstown, MA July 11-15. Both juniors and seniors can apply. *Cost is \$2200.*

Quinnipiac University Summer Programs for High School Students - deadline is April 30

Quinnipiac University in Hamden, CT offers multiple summer sessions for 9-12 graders on a variety of topics. Residential, commuter and virtual options are all available. *Cost ranges from \$1200-\$3360.*

Russian School of Math Summer School - rolling admissions

These K-12 math classes are offered at multiple locations and online from June 27 - August 8. *Cost ranges from \$330 - \$1278.*

Rutgers Pre-College Summer Program - deadline May 31

Rutgers in New Brunswick, NJ offers a variety of residential and virtual options for ages 16-18. *Cost ranges from \$799-\$2811 (financial aid is available).*

Science Academy - deadline June 11

Bridgewater State University in Bridgewater, MA is offering multiple week long science classes for middle and high school students. Students must be within commuting distance. *Cost varies from \$400-\$500 depending on course selection (some financial aid available).*

S.E.T. School of Metro West Summer Programs - rolling admissions

The Science Engineering Technology School of Metro West in Ashland, MA offers day programming for students in grades 4-8. *Cost is \$445/wk.*

Stevens Pre-College Programs - rolling admissions

The Stevens Institute of Technology in Hoboken, NJ offers a variety of residential programs for 11-12 grade students. Options include cyber security, biotechnology, game design, business, and more. *Cost ranges from \$2700-\$4200 (financial aid deadline has passed).*

Summer College at Syracuse - rolling admissions

Syracuse University in Syracuse, NY offers a variety of pre-college courses for 10-12 grade students. Both residential and virtual options are available. *Application fee of \$65 and cost ranges from \$2500 - \$9985 (financial aid is available).*

Summer Science & Engineering Program at Smith - deadline is May 15

Smith College in Northampton, MA offers this high school opportunity for learning in science and engineering. The residential program runs from July 9 - August 6. *There is a \$50 application fee and the cost of the program is \$7298 (deadline for financial aid has passed).*

Tsongas Industrial History Center Summer Day Camps - rolling admissions

Multiple sessions of summer day camps focused on history, science and nature are offered at the Tsongas Industrial History Center of UMass Lowell. Camps are appropriate for ages 8-14. *Cost is \$185 (financial aid is available).*

Tufts Pre-College Programs - deadline May 1

There are a wide range of summer programs available at Tufts campuses this summer for students in K-12. Residential, commuter, and virtual options are all available. *Cost ranges from \$750-\$5700 depending on program choice (financial aid is available).*

TYE Summer Entrepreneurship Boot Camp - rolling admissions

The TYE Summer Boot Camp is dedicated to fostering future generations of industry leaders by teaching rising 7-9 grade students the rewards and challenges of becoming an entrepreneur. The day program runs from Aug 8-12 in Cambridge, MA. *Cost is \$700 (financial aid is available).*

UConn Pre-College Summer Program - deadline June 1

University of Connecticut in Storrs, CT offers several sessions of their residential pre-college program for 9-11 grade students. Students must have a gpa of 2.0 or higher to apply. *There is a \$45 application fee and cost ranges from \$2050-\$7100 (financial aid is available).*

U-Design - rolling admissions

Boston University's College of Engineering offers this engineering day program for students going into 6-9 grade. Dates of the program are July 18-22. *Cost is \$450 (financial aid is available).*

UN Association of Greater Boston Summer Institute in Global Leadership - rolling admissions

This institute in diplomacy is for 6-12 grade students and takes place in Charlestown, MA. Both commuter and virtual options are available. Multiple sessions are offered. *Cost ranges from \$545 - \$745/wk (financial aid has passed).*

Whale Camp at Fundy - rolling admissions

Multiple sessions of these residential ecology camps for ages 10-17 are offered this summer on Grand Manan Island in New Brunswick, Canada. *Cost ranges from \$1600 - \$4350.*

WPI Frontiers for Credit - rolling admissions

WPI's Frontiers program is an online pre-college program for 11-12 grade students. Dates are July 11 - August 12 and classes in both STEM and humanities are available. *Cost is \$2845.*

WPI Launch - rolling admissions

WPI in Worcester, MA has an in person STEM summer program for 9-10 grade students. A residential program will run from June 26 - July 1 and a commuter program will run from Aug 8-12. *Cost is \$795 for the commuter program and \$1295 for residential (financial aid is available).*

You GO Girl - rolling admissions

This day program is for rising 9th grade female students interested in science and engineering. It is held at the MIT Edgerton Center in Cambridge, MA from July 5-8. *There is a \$100 suggested donation.*