



Academic Summer Programs

This list includes many great summer programs, across a variety of interests. Some of these are highly selective, requiring transcripts and letters of recommendation; they may also have earlier deadlines than many programs. (None of these programs influence admissions at the colleges that host them but can provide outstanding opportunities for students to dig more deeply into their interests or explore interests unavailable to them during the school year.)

[Bank of America Student Leaders](#)

[Boston University – Research in Science & Engineering \(RISE\)](#)

[Canada/USA Mathcamp](#)

[Carnegie Mellon – Summer Academy for Math + Science \(SAMS\)](#)

[Concordia Language Villages](#)

[COSMOS California State Summer School for Mathematics and Science](#)

[Cronkite Institute for High School Journalism: Summer Journalism Institute](#)

[Foundation for Teaching Economics – Economics for Leaders \(EFL\)](#)

[Girls Who Code Summer Immersion Camp](#)

[Hampshire College Summer Studies in Mathematics \(HCSSIM\)](#)

[Indiana University – Young Women’s Institute](#)

[Jackson Laboratory – Summer Student Program](#)

[JCamp](#) - For Journalism students

[LaunchX](#)

[Massachusetts Institute of Technology – Minority Introduction to Science and Engineering \(MITES\)](#)

[MathLy – Bryn Mawr College](#)

[MDI Biological Laboratory Summer Research Fellowship](#)

[Michigan Math and Science Scholars](#)

[Michigan State University – High School Honors Science, Math and Engineering Program \(HSHSP\)](#)

[Middlebury Language Schools](#)

[MIT Research Science Institute](#)

[Monell Center Science Apprenticeship Program](#)

[National Institutes of Health – Summer Internship in Biomedical Research \(SIP\)](#)

[Ohio State University – Ross Mathematics Program](#)

[Princeton University – Summer Journalism Program](#)

[Program in Mathematics for Young Scientists \(PROMYS\)](#)

[Simons Summer Research Program](#)

[Stanford Institutes of Medicine Summer Research Program \(SIMR\)](#)

[Stanford University Mathematics Camp \(SUMaC\)](#)

[Telluride Association Summer Program \(TASP\)](#)

[Texas Tech University – Clark Scholars](#)

[University of Iowa – Secondary Student Training Program \(SSTP\)](#)

[University of Notre Dame – Leadership Seminars](#)

[University of Pennsylvania – Leadership in the Business World](#)

[U.S. Air Force Academy – Summer Seminar](#)

[U.S. Coast Guard Academy – Academy Introduction Mission \(AIM\)](#)

[U.S. Military Academy – Summer Leaders Experience](#)

[U.S. Naval Academy – Summer Seminar](#)

[Yale Young Global Scholars](#)

Students should also look at Governor's Schools in the 15 states that offer them, for which they may need to be nominated by their school. (These may also have relatively early deadlines.) They tend to be great programs and not terribly expensive.

[National Conference of Governor's Schools](#)

There are also excellent extensive pre-college academic programs across many disciplines at several universities.

[Brown Pre-College](#)

[Columbia High School Programs](#)

[Georgetown Summer Programs](#)

[Penn Summer Programs](#)

[Stanford High School Summer](#)

Here are some of our favorite engineering summer programs, ranging from overviews to help students understand the different fields to intense, extended programs with greater focus –

[Cornell Summer Engineering Programs](#)

[Johns Hopkins Engineering Innovation](#)

[Notre Dame's Introduction to Engineering](#)

[Engineering Summer Academy at Penn](#)

For Connecticut students, [UConn's Explore Engineering](#)

Wonderful list of summer technology programs - [here](#)

From the same people, wonderful list of summer science programs - [here](#)

And arts - [here](#)

Stanford has an excellent 6-week program in the humanities - [Stanford Summer Humanities Institute](#)

And, finally, [Coursera](#) is a terrific clearinghouse of online classes, offered in all kinds of fields from a wide variety of institutions.