

STEM Summer Opportunities

STEM Summer Courses

Maryland and D.C.:

- [Engineering Innovation](#): Johns Hopkins and Loyola Universities
- [APL's ASPIRE](#): Johns Hopkins University
- [Discover Engineering & ESTEEM/SER-Quest Summer Programs](#) : University of Maryland
- [Summer Enrichment Experience in Cybersecurity and Mechanical Engineering](#): UMBC
- [The Science and Engineering Apprentice Program \(SEAP\)](#): Army Education Outreach Program at Aberdeen Proving Ground
- [Engineering New Frontiers](#): Catholic University
- [STEM Pre-College Programs](#): George Washington University

Virginia:

- [Virginia Tech Pre-College Programs](#): PCI and BLAST

Pennsylvania:

- [Drexel University Summer Institutes](#): Engineering and Biomedical Engineering
- [Summer Academy in Applied Science and Technology](#): University of Pennsylvania
- [Engineering Camp](#): Bucknell University
- [Blueprint Summer Programs](#): Lehigh University

New Jersey:

- [Pre-College Programs](#): NJIT
- [The Stevens Summer](#): Stevens Institute of Technology

National:

- [Summer @ Rensselaer](#): RPI
- [Summer Engineering Courses](#): NYU Polytechnic
- [HAJIM Engineering Pre-College Program](#): University of Rochester
- [Summer Study](#): Tufts University
- [The National High School Game Academy \(NHSGA\)](#): Carnegie Mellon University
- [Pre-Engineering Institute](#): Washington University in St. Louis
- [Pre-College Programs](#): Brown University
- [Bridge Program in Biomedical Science](#): Sewanee

Lab Science Internships

Maryland and D.C.:

- [Chesapeake Bay Foundation](#): Student Wave (Education and Volunteer Opportunities)
- [Discover Genomics Internship Program](#): J. Craig Venter Institute (Rockville, MD)
- [National Cancer Institute](#): Internship Programs (Frederick, MD)
- [National Heart, Lung, and Blood Institute](#): Summer Internship in Biomedical Research (Bethesda, MD)
- [National Human Genome Research Institute](#): Summer Internships (Bethesda, MD)

- [National Institute of Arthritis and Musculoskeletal Diseases](#): Summer Internship Program (Bethesda, MD)
- [Short-Term Research Experience for Underrepresented Persons \(STEP-UP\)](#): National Institute of Diabetes and Digestive and Kidney Diseases (Bethesda, MD)