List of High School Students upcoming Summer programs/Internships



American Chemical Society : Project SEED Summer Program(Multiple locations)

Do you like science? Are you interested in learning what scientists really do in their laboratories? Find out how you can get exposure to chemistry, prepare for college, and learn about science career...

https://www.acs. org/content/acs/en/education/students/highschool/se .html

Program date: June - Aug 2024 Due date: Apr 2024

Stanford : Inspiring Future Scientists through Shadowing (IFSS)

Snadowing (IFSS)
Inspiring Future Scientists Through Shadowing (IFSS) is a program hosted each summer by the chemistry department at Stanford University. This program gives rising juniors and seniors in high school an...

https://chemistry.stanford.edu/outreach/community-outreach/shadow-program-high-school-students

Grades: 10,11,12 Program date: June 17-28,2024

Due date: Mar 5,2024 Fees: Free

Chemistry

The University Of Utah : SUmmer Youth Education - Intro to AP Chemistry

If you're going to take AP Chemistry next year this is the workshop for you! We will be covering some of the "Big Ideas" of AP Chem including structure, bonding, kinelics, and equilibrium. This worksh...

https://continue.utah.edu/youth/class/yehs_206_intro_to_ap_chemistry_age_14_17

Grades: 9 State: UT Program date: July 22-26,2024

Due date: May 2024 Fees: \$160

Calvin University : Chemistry Camp

Explore chemistry through Chem Camps this summ at Calvin University! Calvin Chem Camps programs feature demonstrations and hands-on experiments designed to teach introductory chemical concepts usin...

https://calvin.edu/offices-services/camps/chemistry/

Program date: June-July 2024- Multiple Session Due date: May 1, 2024 Fees: \$220

Macalester College : MITY-EYM -> Chemistry: The Central Science

Chemistry plays an important role in almost every aspect of our lives, including our food, water, clothing, and shelter. It is found in the development of medicines, botany (plant chemistry), geology...

https://mity.org/programs/online-programs/expand-your-mind-online/

Grades: 9,10,11 Program date: June 17 - 28,2024 Due date: May 1,2024 Fees: \$300

South Dakota School of Mines & Technology: Day Camp - Green Chemistry
A week at the Department of Chemistry and Applied Biological Sciences. An experience of a lifetime for any young woman or man! This week-long summer program offers a perfect combination of innovativ...

https://www.sdsmt.edu/Academics/Events-and-Outreach/Summer-Camps/Camp---Green-Chemistry/ Grades: 9,10,11 State: SD Program date: June 24-27, 2024 Due date: May 15.2024

Macalester College : MITY-EYM -> Chemistry Of Medicine

This introductory course will investigate chemistry as it applies to the study of medicine and drugs. Students will explore inorganic and organic molecules and how they relate to our bodies through t...

https://mity.org/programs/online-programs/expand-

Program date: July 8 - 19 ,2024 Due date: May 1,2024

Xavier Univ of Louisiana : Pre-College Program - CHEMStar

CHEMStar: is a problem-solving and inquiry-based approach to high school chemistry. Students will cover the following topics and more: Scientific Notation, Matter and its Properties, Atoms, Formulas, ...

Grades: 9,10,11,12 Program date: June 3-21,2024

Due date: May 20,2024 Fees: \$550

Boston Leadership Institute : Chemistry Edge

Chemistry can be among the most challenging requirements for college-bound students. But these courses don't have to be difficult! Our one week intensive courses are designed to give students who

https://www.bostonleadershipinstitute.com/chemistry-

Grades: 10.11 State: MA Program date: July 22 – 26, July 29 – August 2, August 5 – 9, 2024

Due date: May 15.2024 Fees: \$599

Rider University: Gifted & Talented Program

Rider University welcomes you to apply for the Gifted and Talented Program. Rising juniors and seniors can take college courses at Rider University to earn college credits, prior to graduating high sc...

https://www.rider.edu/admissions/first-year/how-to-apply/college-credit/gifted-talented-program Grades: 10,11 State: NJ

Program date: May 13-June 26,July 1-Aug 15,2024 Due date: May 15,2024 Fees: \$660/Credit

Michigan Technological University : Wild World of Chemistry

Chemistry affects us from our morning coffee until we go to sleep at night. In this exploration, use chemistry to solve a crime, synthesize aspirin, recycle plastic to make an environmentally friendly...

https://www.mtu.edu/syp/discover/courses

Program date: June 16-21,June 23-28,2024 Due date: Apr 10.2024 Fees: \$665

Fairleigh Dickinson University : Chemistry for the Global Citizen

What's the matter? Everything! Well, in terms of chemistry it is. That's because everything that surrounds us is comprised of chemistry's building blocks. So, when it comes to the most pressing

https://www.fdu.edu/lifelong-learning-at-fdu/high-school-programs/summer/
Grades: 10,11,12 State: NJ Program date: July 1-Aug 8,2024 Due date: July 15.2024 Fees: \$775 per 3-credit course

Worcester Polytechnic Inst : Commuter Launch - Chemistry & Biochemistry

Explore the world from the point of view of atoms to learn how we covert energy from sunlight, store ener in chemical bonds, and release energy back into the wild. You will think about how we use c...

https://www.wpi.edu/academics/pre-collegiate/summer-programs/launch/course-information

Program date: June 24 - 28, 2024 Due date: Apr 30,2024

Governor School for Science & Mathematics
Foundation: Everyday Chemistry
How do chemists work from home? Now you can find
out! Learn some of the techniques used by chemists
from the comfort of your home laboratory,
experimenting to answer questions such as: How much
Vitami...

Grades: 9,10,11 State: SC Program date: June 17-21, June 24-28, 2024

Due date: May 15,2024

Fees: \$830

Chemistry

Hollins University : Experiment and Explore: Summer Science Camp :- Girls Only

Spend a week of your summer at Hollins University in the newly renovated Dana Science center. The Experiment and Explore: Summer Science Camp at Hollins is for all budding scientists! You will have ex...

https://www.hollins.edu/academics/pre-college experiences-camps/hollins-summer-program

Grades: 9.10.11 State: VA Program date: July 14-20,2024

Due date: May 15,2024

Fees: \$1.050

Chemistry : Chemistry

Miami University : Summer Scholars Program Quality Assurance Analytical Chemistry Using Instrumental Analysis

The determination of the chemical components of interest in real life samples for quality assurance involves analytical chemistry. One such subdiscipline is spectroscopy which uses light as the signal...

https://miamioh.edu/visit-miami/summer-scholars/index.html

Grades: 10,11 Program date: July 7-12,2024 Due date: Mar 5,2024 Fees: \$1,080

Chemistry

Michigan : Math and Science Scholars - Organic Chemistry 101: Orgo Boot Camp

This course will introduce you to the techniques and concepts taught in the first term of organic chemistry at the University of Michigan. The emphasis is on lecture-based learning, small group learni...

https://sites.lsa.umich.edu/mmss/

Grades: 10,11,12 Program date: July 7-19.2024 Due date: Apr 2024 Fees: \$1,300

Michigan: Math and Science Scholars - Surface Chemistry

This course will be divided into three units: applications, properties, and techniques. The first unit will introduce students to surface science that exists within the human body, surfaces in modern ...

Grades: 10,11,12 State: MI Program date: July 7-19,2024 Due date: Apr 2024

Michigan: Math and Science Scholars -Informational Thermodynamics: Turning Knowledge Into Power

As you read these words, your brain is performing an incredible feat. Oxygen and sugar molecules are bein broken down to fire neurons in intricate patterns, thus allowing you to decipher the message ...

https://sites.lsa.umich.edu/mmss/

Program date: July 7-19,2024 Due date: Apr 2024

Illinois Institute: Chicago Commuter Summer - Other Worlds: Science Meets Storytelling

The psychology summer program is designed for high school students who want a glimpse into how psychology is a science. Learners will get a good idea of what the study of psychology is like at the col...

https://www.iit.edu/academics/elevate-college-prep/summer-programs/chicago-commuter-programs/other-worlds-science-meets-storytelling

Program date: June 17-21,June 24-28,July 15-19,July 29-Aug 2,2024

Due date: May 3,2024 Fees: \$1.500

Chemistry

Univ of Rochester : Online Program - Organic Chemistry I & II

Organic 1: (4 credits) In introduction to organic chemistry that focuses on the structure and reactivity of organic compounds. the course will be online only. The lecture will be recorded and posted ...

https://enrollment.rochester.edu/precollege/non-credit-

Grades: 9.10.11.12 State: NY Program date: May 20-June 28(I), July 1-Aug 9,2024 (II)

Due date: May 20.2024 Fees: \$1.500

Univ of California - Irvine : Summer Bridge -

General chemistry with applications to life sciences, physical sciences, and engineering. Atomic structure; general properties of the elements; covalent, ionic, and metallic bonding; mass relationship...

https://summer.uci.edu/programs-bridge/

Program date: Jun 24-Aug 1,2024 Due date: June 15, 2024 Fees: \$1,500

Univ. of Connecticut : Pre-College -Chemistry Everyone tells you that STEM education is important and that being a scientist, engineer or doctor is an excellent career path. Most people know Engineers build stuff and doctors heal people but what...

https://precollege-summer.uconn. edu/courses/chemistry/

Grades: 9,10,11 Program date: June 30-July 6,July 21-27,2024 Due date: June 2024

Fees: \$2,050

Boston Leadership Institute : Chemistry Research

This program dives into green chemistry, a hot new area that is generating jobs for researchers in the industry as well as workers in the medical and health fields. Green chemists work on redesigning ...

Grades: 9,10,11 State: MA Program date: July 1-19,2024 Due date: May 2024





Boston Leadership Institute : Medical Chemistry & Pharma Research

Interested in Chemistry? Some of the most popular (and lucrative!) career paths involve utilizing chemis for medical applications: From drug discovery and development through clinical trials to det...

https://www.bostonleadershipinstitute.com/medchem-

State: MA Grades: 9,10,11 Program date: July 8-26,2024 Due date: May 15,2024 Fees: \$2,200

Northwestern University : AP Psychology

This is a three-week, 1-credit course within the Equinox program, meeting synchronously Monday – Friday from 10am – 1pm CDT. Students can expect 20 – 25 hours of coursework per week, including synchro...

https://www.ctd.northwestern.edu/courses

Grades: 9,10,11 State: II Program date: May 29-Aug 15, 2024

Due date: May 2024 Fees: \$2,385 (Boarding Addnl)

Northwestern University: Chemistry Honors

This is a 2 credit equivalent asynchronous Advanced Placement course. Topics include object-oriented program design, the development and selection of algorithms and data structures to solve problem...

https://www.ctd.northwestern.edu/courses

Program date: July 14 - August 2, 2024 Due date: May 2024 Fees: \$2,660

Worcester Polytechnic Inst: Online College Credit: Organic Chemistry I: Frontiers

A systematic survey of the major reaction types and functional groups in organic chemistry. The course will provide a representative collection of characteristic reactions and transformations of a var...

https://www.wpi.edu/academics/pre-colleg

Program date: May 20 - June 25, July 8 - Aug 9, 2024 Due date: Apr 30,2024 Fees: \$2,845

Worcester Polytechnic Inst : Online College Credit : Organic Chemistry I

A systematic survey of the major reaction types and functional groups in organic chemistry. The course will provide a representative collection of characteristic reactions and transformations of a var...

https://www.wpi.edu/academics/pre-collegiate/summer-programs/jumpstart

Program date: July 8 - August 9, 2024 Due date: Apr 30,2024 Fees: \$2,845

Boston University : Summer High School Honors - General Chemistry 1 and 2

General Chemistry 1 CAS CH 101 Prereq: two years of high school algebra. For science majors and minors who require a two-semester general chemistry course, but have little prior experience with chem...

https://www.bu.edu/summer/courses/high-school/chemistry/

Program date: July 1-Aug 8,2024 Due date: May 15,2024 Fees: \$3,020

Barnard College: STEMinists - Chemical Connections and Happening: - Girls Only Transferring electrons. Making and breaking chemical bonds. These are among the atomic- and molecular-scale happenings that we will explore in this course, combining discussions of chemical principles.

https://precollege.barnard.edu/steminists

Grades: 9.10.11 State: NY Program date: June 30-July 19,July 22-Aug 10,2024 Due date: Apr 14.2024

Fees: \$3,125

Emory University : Pre-College - The Chemistry of Colours

In this course we will look at the chemical origins or color. What is it that needs to be true for a molecula atom to be able to absorb or emit light in the visible region? We will synthesize and i...

http://precollege.emory.edu

State: GA Program date: June 16-29,June 30-July 13,July 14-27,2024

Due date: June 14,2024 Fees: \$3,166

Duke : Pre-College - Chemical Toxicology

How does cooking food affect what kind of toxicants are formed, and in what quantities? What really happened in Flint, Michigan to cause the high lead levels in their drinking water? What is the basis....

https://learnmore.duke.edu/precollege/chemical-

Grades: 9,10,11 Program date: June 30-July 5, July 21-26, 2024 Due date: Mar 5,2024

Harvard University : Career Pathway - Tackling Real World Problems Through Chemistry and Chemical Biology

Explore the wider applications of chemistry and chemical biology. Students will research real-world problems such as the contamination of water sources or the status of current legislation related to ...

https://summer.harvard.edu/high-school-programs/secondary-school-program/secondary-school-program-courses-and-subjects/

Grades: 9,10,11,12 Program date: June 24-Aug 9,2024 Due date: June 20,2024 Fees: \$3,400

Illinois Institute : Chicago Residential Summer - Chemistry, Careers, and You (Earns College Credit)

This program will provide hands-on teaching lab experiences in the modern chemical sciences, as well as mentoring and career exploration with alumni, faculty, and professionals in research, industry, ... https://www.iit.edu/node/101901

Program date: July 22-26, July 29-Aug 2,2024 Due date: May 3,2024

Fees: \$3,500

Cornell College: One Course Summer Institute - Chemistry and the Kitchen: Should We Be Wearing Goggles?

Do you know that everything is a chemical? Do you know the difference between baking soda and washis soda? Do you know the difference between cream of tartar and tartaric acid? Why are certain cabbag...

https://www.cornellcollege.edu/one-course-summer-institute/index.shtml Grades: 9,10,11 State: IA

Program date: July 7-24, 2024 Due date: June 17,2024 Fees: \$4,000

Univ of Wisconsin : Accelerated Learning Program (ALP) - Introduction to Computer Science

Computer programming impacts social media, digital games, and music. It leads to medical breakthroughs business innovations, and engineering marvels. Stror math and analytical skills are the only ne...

https://precollege.wisc.edu/classes/computer-science-

Grades: 9.10.11 State: WI Program date: June 30–July 20, 2024 Due date: May 1,2024 Fees: \$4,100

Missouri Military Academy : Summer Academy

MMAs Summer Academy has two tracks – the Middle School Program (grades 7-8) and the High School Program (grades 9-12) – each designed to simultaneously challenge students academically and physically s...

https://www.missourimilitaryacademy. org/summer/summer-academy Grades: 9,10,11 State State: MO

Program date: June 17 - July 12, 2024

Due date: May 2024 Fees: \$4,150

Univ. of Wisconsin : Organic Chemistry: Applications in Food Science and Nutrition

This course will investigate the impact that chen products have on consumers' daily lives. Major I may include food additives, prescription and nor prescription drugs, fuels, pesticides, dete...

https://precollege.wisc.edu/classes/chemistryconsumer-alp/ Grades: 10,11,12

Program date: June 30-July 20,2024 Due date: May 1, 2024 Fees: \$4,300

Yale : Summer Session - General Chemistry Laboratory I & II

In-person Course. Introduction to the study of life at the molecular level and to cell biology and membrane physiology. Topics include the three-dimensional structures and function of large biological...

Program date: May 27 - June 28, July 1 - Aug 2, 2024 Due date: May 15,2024 Fees: \$4,650

Yale : Summer Session - General Chemistry I & II

In-person Course. A comprehensive survey of modern descriptive, inorganic, and physical chemistry, intended for students with high school preparation in chemistry. Stoichiometry, atomic structure, che...

https://summer.yale.edu/courses-programs/courses-yale

Program date: May 27 - June 28, July 1 - Aug 2, 2024

Due date: May 15,2024 Fees: \$4,650

Fees: \$4,650

Yale: Summer Session - Organic Chemistry

In-person Course. The fundamental principles of organic chemistry. Structure and bonding, acids and bases, chemical energetics, stereochemistry, properties, preparation and reactions of alkanes, alken...

https://summer.yale.edu/courses-programs/courses-yale

Program date: May 27 - June 28, July 1 - Aug 2, 2024 Due date: May 15,2024

Chemistry

Case Western Reserve Univ: Pre-Collegiate Summer Programs - Chemistry
The Pre-College Scholars Program at Case Western Reserve is open to Ohio residents only....

https://summer.case.edu/courses-by-department/

Grades: 10.11 State: OH

Program date: May-Aug 2024-Multiple Sessions

Due date: Apr 15,2024 Fees: \$5000

John Hopkins Univ: Summer Program-Introductory Chemistry and Laboratory The fundamental principles of chemistry, including atomic and molecular structure, bonding, elementary thermodynamics, equilibrium and acids and bases, a introduced in this coulibromand acids and bases, a

https://summerprograms.ihu.edu/pre-college-students/

Grades: 9.10.11.12 State: MD Program date: May 28 - June 28,2024

Due date: June 15, 2024 Fees: \$6,063

John Hopkins Univ : Summer Program -Applications of Chemistry in Medicine

Discover how chemistry, one of the oldest scientific disciplines, has made significant contributions with numerous fields such as health care, medicine, pharmaceutical sciences, materials and polyme...

https://summerprograms.jhu.edu/pre-college-students

Grades: 9.10.11.12 Program date: July 7-18, July 21-Aug 1,2024 Due date: Jun 15, 2024 Fees: \$6065

Univ of Berkeley : Pre-College Scholars - General Chemistry

This program offers you the opportunity to challenge yourself academically and experience college life at UC Berkeley. Get involved in Berkeley campus-based and online courses, extracurricular activit...

Program date: June 17-Aug 9,2024 Due date: June 3,2024 Fees: \$13,800

Chemistry

Univ of Berkeley : Pre-College Scholars - Organic Chemistry

This program offers you the opportunity to challenge yourself academically and experience college life at UC Berkeley. Get involved in Berkeley campus-based and online courses, extracurricular activit... https://precollege.berkeley.edu/

Program date: June 17-Aug 9,2024 Due date: June 3,2024

Program date Due date:

