

List of High School Students upcoming Summer programs/Internships

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Internships

Astronomy/Space Science
American Museum of Natural History : Science Research Mentoring Program (SRMP)
 The Science Research Mentoring Program (SRMP) at the American Museum of Natural History (AMNH) is an opportunity for NYC high school students to conduct one year of scientific research with AMNH scientists...

<https://www.amnh.org/learn-teach/teens/science-research-mentoring-program>

Grades: 9,10,11 State: NY
 Program date: Aug 2024- June 2025
 Due date: Mar 5, 2024
 Fees: \$1000 Stipend

Summer Program

Astronomy/Space Science
Univ of Wyoming : Windy Ridge Foundation Astro Camp
 This summer academic camp is a living/learning summer community of students, teachers, and scientists working together to help youth follow their dreams by encouraging science education for tomorrow's...

<http://physics.uwyo.edu/~ddale/astrocamp/>

Grades: 10,11 State: WY
 Program date: June 16-22,2024
 Due date: Apr 30,2024
 Fees: Free

Summer Program

Astronomy/Space Science
University of Wisconsin - Astronomy
 This course introduces you to both the theory and the application of techniques that you would learn in a first-semester calculus course as taught at the university level, or to learn mathematical tec...

<https://uwvm.edu/scel/courses/astronomy/>

Grades: 9,10,11 State: WI
 Program date: Aug 5-16,2024
 Due date: July 27, 2024
 Fees: \$164

Summer Program

Astronomy/Space Science
CIMSS Student Workshop
 The CIMSS Student Workshop was created by CIMSS scientists who wanted to share the exciting nature of scientific research and technology with the pre-college education community. With a goal of attract...

<https://cimss.ssec.wisc.edu/wxcamp/>

Grades: 9,10,11 State: WI
 Program date: July 22-26,2024
 Due date: June 2024
 Fees: \$200

Summer Program

Astronomy/Space Science
Macalester College : MITY-EYM -> Astrophysics - The Lives Of The Stars & Fate Of Our Universe
 Do you ever wonder how we know so much about the stars and galaxies around us? Or look up at the night sky dreaming of what distant solar systems might be like? In this course students will learn ho...

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

Grades: 9,10,11 State: MN
 Program date: July 8 - 19, 2024
 Due date: May 1, 2024
 Fees: \$300

Summer Program

Astronomy/Space Science
iStart Valley : Build your own Satellite
 iStart Valley brings to you leading edge space education program in collaboration with NAVARS EdTech, a leading Space Innovation Company and Space Industry Leaders working closely with students from v...

<https://www.istartvalley.org/programs/build-satellite>

Grades: 9,10,11,12 State: Online
 Program date: June 22-Aug 31,2024
 Due date: May 2024
 Fees: \$345

Summer Program

Astronomy/Space Science
The University Of Utah : Summer Youth Education - The Universe For Future Scientists
 Come explore the universe and become an Astronomer for a week! Go deep learning about galaxies, stars, dark matter, black holes and more! This camp will help shed some light on the so-called darkness ...

https://continue.utah.edu/youth/class/yehs_453_the_universe_for_future_scientists_age_14_17

Grades: 9 State: UT
 Program date: July 29-Aug 2,2024
 Due date: May 2024
 Fees: \$385

Summer Program

Astronomy/Space Science
Rutgers University : Summer Scholars Program - Planet Earth
 Introductory geology for the non-science major, designed to give a broad, basic understanding of the planet on which we reside, its age and origin, composition and evolution, interrelationships of Ear...

<https://summerscholars.rutgers.edu/>

Grades: 9,10,11 State: NJ
 Program date: May 28-June 21, July 8-Aug 14, 2024
 Due date: June 28, 2024
 Fees: \$400-\$450/Credit - NJ Resident

Summer Program

Astronomy/Space Science
iStart Valley : Make Your Own Telescope
 iStart Valley brings to you leading edge space education program in collaboration with NAVARS EdTech, a leading Space Innovation Company and Space Industry Leaders working closely with students from v...

<https://www.istartvalley.org/programs/make-your-own-telescope>

Grades: 9,10,11,12 State: Online
 Program date: June 22-Aug 31, 2024
 Due date: May 2024
 Fees: \$445

Summer Program

Astronomy/Space Science
Univ of Delaware : Destination Mars
 An overnight academy with students staying at U D Housing. Cadets will learn about and conduct Mars-related experiments and take part in a computer simulation, assemble a space station under water, bu...

<https://www.udel.edu/about/ud-community/summer-camp-guide/academic-summer-camps/>

Grades: 10,11,12 State: DE
 Program date: July 7-12, 2024
 Due date: Apr 15, 2024
 Fees: \$700

Summer Program

Astronomy/Space Science
Univ of Delaware : Destination Moon
 An overnight academy held at Clayton Hall and UD Dorms. Learn about crystals, advanced rocketry, remote sensing, robotics and many more Moon-related activities....

<https://www.udel.edu/about/ud-community/summer-camp-guide/academic-summer-camps/>

Grades: 10,11,12 State: DE
 Program date: July 7-12, 2024
 Due date: Apr 15, 2024
 Fees: \$700

Summer Program

Astronomy/Space Science
Oregon Museum of Science and Industry : Master Astronomers
 Dive deep into space science from Camp Hancock! Enjoy some of the darkest, clearest skies in Oregon, and brand new, state-of-the-art telescopes. Visit the OMSI planetarium and travel to an observatory...

<https://secure.oms.edu/camps-and-classes/Master-Astronomers>

Grades: 9,10,11 State: OR
 Program date: 45509
 Due date: May 15, 2024
 Fees: \$707

Summer Program

Astronomy/Space Science
Montana Learning Center : Explore the Universe
 Explore the Universe is a five-day, overnight camp for students entering grades 9-12. Students arrive Sunday afternoon and leave Thursday afternoon. Campers study the universe with our state-of-the-ar...

<http://montanalearning.org/camp-explore-the-universe/>

Grades: 9,10,11 State: MT
 Program date: July 14-18,2024
 Due date: May 2024
 Fees: \$750

Summer Program

Astronomy/Space Science
Governor School for Science & Mathematics Foundation : GoSciTech - Astrophysics: Stars and Galaxies
 Where do black holes come from? How do stars change over time? What really happened in the Big Bang? Using experiments and physical theories, we will develop a better understanding of stars, galaxies ...

<https://www.scgssm.org/summer-camps/goscitech-residential-camp>

Grades: 9,10,11 State: SC
 Program date: June 16-21, June 23-28, July 7-12, 2024
 Due date: May 15, 2024
 Fees: \$830

Summer Program

Astronomy/Space Science
Governor School for Science & Mathematics Foundation : GoSciTech - Destination SPACE
 Have you always wanted to explore space? Join us in Destination SPACE to create your own robotic Rovers, weather satellites, and remote sensing stations to explore space. You will be introduced to w...

<https://www.scgssm.org/summer-camps/goscitech-residential-camp>

Grades: 9,10,11 State: SC
 Program date: June 16-21, June 23-28, July 7-12, 2024
 Due date: May 15, 2024
 Fees: \$830

Summer Program

Astronomy/Space Science
Governor School for Science & Mathematics Foundation : GoSciTech - The Search for Life Out There: Astrobiology & Planetary Exploration
 Are we alone in the universe? Until recently, this fundamental question about our place in the cosmos was only explored through philosophical discussion or works of science fiction. The growing science...

<https://www.scgssm.org/summer-camps/goscitech-residential-camp>

Grades: 9,10,11 State: SC
 Program date: June 16-21, June 23-28, July 7-12, 2024
 Due date: May 15, 2024
 Fees: \$830

Summer Program

Astronomy/Space Science
ONLINE - Education Unlimited : Astrophysics
 The Astrophysics course will establish a firm introduction of the forces at work upon the fabric of the universe and how these dynamics interplay to create the structure and harmony that we observe to...

<https://www.educationunlimited.com/camp-sessions/display/camp/astrophysics-9-11>

Grades: 11,12 State: CA
 Program date: June 10-14, July 15-19, July 29-Aug 2m2024
 Due date: May 2024
 Fees: \$995

Summer Program

Astronomy/Space Science
Tufts University : Pre-College Programs - Wanderers in Space: Exploration & Discovery
 Space-age exploration of the planets and their moons; human landings on the moon; robot landings on Venus and Mars; liquid hydrogen and helium rain; planetary rings; asteroids and comets; thermonuclea...

<https://universitycollege.tufts.edu/courses/browse/wanderers-space-exploration-discovery>

Grades: 10,11 State: MA
 Program date: July 1 - August 9, 2024
 Due date: May 1, 2024
 Fees: \$3,030

Summer Program

Astronomy/Space Science
Tufts University : Pre-College Programs - Astrophysics
 students have the opportunity to build their own course schedule from our extensive list of lecture courses, with something for every student! Students may choose from courses offered in Departments i...

<https://universitycollege.tufts.edu/high-school/programs/courses-high-schoolers>

Grades: 10,11 State: MA
 Program date: July 1 - August 9, 2024
 Due date: May 1, 2024
 Fees: \$1,300

Summer Program

Astronomy/Space Science
Michigan : Math and Science Scholars - Climbing the Distance Ladder to the Big Bang: How Astronomers Survey the Universe
 The furthest objects that astronomers can observe are so distant that their light set out when the Universe was only 800 million years old, and has been traveling to us for about 13 billion years-most...

<https://sites.lsa.umich.edu/mms/>

Grades: 10,11,12 State: MI
 Program date: June 23- July 5, July 21 - August 2, 2024
 Due date: Apr 2024
 Fees: \$1,300

Summer Program

Astronomy/Space Science
Michigan : Math and Science Scholars - Relativity: A Journey through Warped Space and Time
 Einstein forever altered our understanding of the nature of space and time with his theories of relativity. These theories tell us that the speed of light is a universal constant, declare that the fab...

<https://sites.lsa.umich.edu/mms/>

Grades: 10,11,12 State: MI
 Program date: July 21-Aug 2, 2024
 Due date: Apr 2024
 Fees: \$1,300

Summer Program

Astronomy/Space Science
Michigan : Math and Science Scholars - Hunting for the Dark: Black Holes and Dark Matter in the Milky Way
 This course deals with how astronomers determine the properties of two of the most mysterious "dark components" of the universe - dark matter and black holes. While dark matter is only known by its gr...

<https://sites.lsa.umich.edu/mms/>

Grades: 10,11,12 State: MI
 Program date: July 7-19, 2024
 Due date: Apr 2024
 Fees: \$1,300

Summer Program

Astronomy/Space Science
Univ. of New Hampshire : TechVenturers - Space Camp
 Have you ever dreamed of being an astronaut and exploring the red planet? Blast off into a week-long adventure where you'll become a Martian pioneer! Build and launch your own model rockets, learn how...

<https://ceps.unh.edu/outreach/tech-camp/programs/techventurers>

Grades: 9,10 State: NH
 Program date: July 22-26, 2024
 Due date: Mar 5, 2024
 Fees: \$1,350

Summer Program

Astronomy/Space Science
Rice University : Pre-College - Delve Into The World of Space Travel
 Does space exploration hold a fascination for you? In this course, you'll look at how commercial companies are changing aeronautics. Learn the history and milestones of the space program, the future o...

<https://precollege.rice.edu/aerospace>

Grades: 9,10,11 State: TX
 Program date: May-Aug, 2024 - Multiple Sessions
 Due date: May 2024
 Fees: \$1,495

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Summer Program
Astronomy/Space Science
Univ of California - Irvine : Summer Bridge - Introduction to Astronomy : ONLINE
History of astronomy, Underlying physics. Objects in the solar system and how they are studied. Properties of stars: their formation, structure, and evolution. Pulsars and black holes. Galaxies and qu...
<https://summer.uci.edu/programs-bridge/>
Grades: 10,11,12 State: CA
Program date: Jun 24-Aug 1,2024
Due date: June 15, 2024
Fees: \$1,500

Summer Program
Astronomy/Space Science
UCLA - Education Unlimited : Astrophysics
The Astrophysics course will establish a firm introduction of the forces at work upon the fabric of the universe and how these dynamics interplay to create the structure and harmony that we observe to...
<https://www.educationunlimited.com/camp-sessions/display/camp/astrophysics-9-11>
Grades: 11,12 State: CA
Program date: July 7-13,2024
Due date: May 2024
Fees: \$2,995

Summer Program
Astronomy/Space Science
University of the Pacific : Pre-college Summer Programs - Frontiers in Modern Astronomy
Join the Pacific Department of Physics to experience exciting frontiers in modern astronomy. Learn how world-class telescopes like the James Webb Space Telescope are being used to investigate the most...
<https://www.pacific.edu/about-pacific/summer/precollege-summer-program/learning/astrometry-camp>
Grades: 9,10,11,12 State: CA
Program date: June 2-13,2024
Due date: May 2024
Fees: \$3500

Summer Program
Astronomy/Space Science
Univ. of Wisconsin : Contemporary Astronomy: Journey Through the Cosmos
From the birth of the cosmos to the mesmerizing death of stars, this course offers a comprehensive exploration of space that will leave you with a profound understanding of the celestial wonders that ...
<https://precollege.wisc.edu/classes/contemporary-astronomy-als/>
Grades: 10,11,12 State: WI
Program date: June 30-July 20,2024
Due date: May 1, 2024
Fees: \$4,300

Summer Program
Astronomy/Space Science
Boston Leadership Institute : Astrophysics
Since the advent of human life, we have looked to those luminous points in the night sky with wonder and curiosity. How do we know the distances to various stars and planets? What is dark matter? W...
<https://www.bostonleadershipinstitute.com/astrophysics/>
Grades: 9,10,11 State: MA
Program date: July 1-19, 2024
Due date: May 15,2024
Fees: \$1,797

Summer Program
Astronomy/Space Science
Georgetown University - Education Unlimited : Astrophysics
The Astrophysics course will establish a firm introduction of the forces at work upon the fabric of the universe and how these dynamics interplay to create the structure and harmony that we observe to...
<https://www.educationunlimited.com/camp-sessions/display/camp/astrophysics-9-11>
Grades: 11,12 State: CA
Program date: July 21-27,2024
Due date: May 2024
Fees: \$2,995

Summer Program
Astronomy/Space Science
Univ. of Massachusetts : Pre-College - Modern Astronomy
This three-week program will build a ground-up understanding of observational astronomy, exploring the basis of human extraterrestrial observation and the art of turning astronomy into a science. W...
<https://www.umass.edu/www/programs/pre-college/residential/modern-astronomy>
Grades: 9,10,11 State: MA
Program date: July 28 - August 10, 2024
Due date: May 2024
Fees: \$3,636

Summer Program
Astronomy/Space Science
Fordham University :Online Courses - Pre-College : Introduction to Astronomy
Includes discussions of the solar system, stars, galaxies and cosmology. Method of making observations. An investigation of physical phenomena including lenses spectroscopy and refraction. Direct obse...
<https://www.fordham.edu/summer-session/pre-college-programs/college-courses-for-high-school-students/summer-session-pre-college-courses>
Grades: 9,10,11 State: NY
Program date: July 2-Aug 6,2024
Due date: Apr 15,2024
Fees: \$4,450

Summer Program
Astronomy/Space Science
Univ. of Arizona : Astronomy Camps - Advanced
Astronomy Camp is all about discovering the Eureka moment! Under the dark skies of Southern Arizona, students of all ages explore "the heavens" with large telescopes and experience the excitement of s...
<https://www.astronomycamp.org/docs/atccamp.html>
Grades: 11 State: AZ
Program date: June 22-30, 2024
Due date: Apr 2024
Fees: \$1,800

Summer Program
Astronomy/Space Science
Boston University : Summer High School Honors - The Solar System
The historical development of astronomy and the motion of the planets. The formation of the solar system. The sun and its effects on the earth. Description of the planets and the moons of our solar sy...
<https://www.bu.edu/summer/courses/high-school/astronomy/>
Grades: 10,11 State: MA
Program date: July 1-Aug 8,2024
Due date: May 15,2024
Fees: \$3,020

Summer Program
Astronomy/Space Science
Rice University : ELITE TECH - Learning C++ while doing Human Spaceflight Engineering
The past year has seen a series of landmark moments in human spaceflight. In May 2020, SpaceX became the first private commercial company to design, develop, and launch a manned rocket vehicle into sp...
<https://www.rceconnect.org/elitecamp/#Curriculum>
Grades: 9,10,11 State: TX
Program date: June-July,2024 - Multiple Sessions
Due date: May 15,2024
Fees: \$3,795

Summer Program
Astronomy/Space Science
UC Berkeley : SIG Program - Technical Design with VEX Robotics
VEX Robotics is the leading platform for robotics and programming competitions, allowing students to design, build, and program robots that can complete specific tasks. In this course, students will l...
<https://www.giftedstudy.org/Residential/berkeley/>
Grades: 10,11,12 State: CA
Program date: Jun 30 - Jul 19,2024
Due date: May 2024
Fees: \$4,499

Summer Program
Astronomy/Space Science
Boston Leadership Institute : Mars Mission
On this mission to Mars, students will design how we get there, how we land, how we survive once we are there, and if we are very lucky, how we get back to Earth...for those who wish to do so. Since th...
<https://www.bostonleadershipinstitute.com/mars-mission/>
Grades: 9,10,11 State: MA
Program date: June 24-July 12,2024
Due date: May 15,2024
Fees: \$2,200

Summer Program
Astronomy/Space Science
Emory University : Pre-College - Investigative Astronomy
This short course will provide a hands-on exploration of modern astrophysics. After being introduced to key topics from the formation of planetary systems to the accelerated expansion of the universe...
<http://precollege.emory.edu/>
Grades: 10,11 State: GA
Program date: June 16-29,June 30-July 13,July 14-27,2024
Due date: June 14,2024
Fees: \$3,166

Summer Program
Astronomy/Space Science
PARI : Astronomy & Science Camps - Above & Beyond
Above and Beyond is PARI's signature camping experience designed to immerse high school students in the world of space science and research while building confidence and leadership skills. Originally ...
<https://www.pari.edu/camps/summer-camps/above-and-beyond/>
Grades: 9,10,11,12 State: NC
Program date: July 7-18, 2024
Due date: June 7,2024
Fees: \$3,910

Summer Program
Astronomy/Space Science
Colorado College : Pre-College - Introductory Astronomy: Your Place in the Universe
Recent observations using the Hubble Space Telescope (HST) and James Web Space Telescope (JWST) have revolutionized our understanding of the universe. We now have answers to questions that humans have...
<https://www.coloradocollege.edu/offices/summersession/pre-college/pre-college-course-offerings.html>
Grades: 9 State: CO
Program date: July 8-24,2024
Due date: May 2024
Fees: \$4,500

Summer Program
Astronomy/Space Science
Univ of Virginia : UVA Advance - Introduction to the Sky and Solar System
UVA Advance is a four-week summer residential program for highly-motivated, rising high school juniors and seniors that offers participants an opportunity to experience college life at the University ...
<https://summer.virginia.edu/uva-advance>
Grades: 10,11 State: VA
Program date: July 13-Aug 9,2024
Due date: May 2024
Fees: \$2,658

Summer Program
Astronomy/Space Science
Duke : Pre-College - Space Medicine
Imagine going on a three-year car trip without stopping for gas or snacks and with no way of turning back easily. What would you bring with you? How would you make sure you stay healthy? How would you...
<https://learnmore.duke.edu/precollege/all-programs>
Grades: 9,10,11 State: NC
Program date: June 16-28, July 7-19,2024
Due date: May 2024
Fees: \$3,400

Summer Program
Astronomy/Space Science
Univ of Wisconsin : Accelerated Learning Program (ALP) - Astronomy: The Evolving Universe
Explore the universe from the big bang to the death of stars. Join an exploration of the universe, including black holes, supernovae, white dwarfs, pulsars and the Milky Way. Other topics may include ...
<https://precollege.wisc.edu/als/>
Grades: 9,10,11 State: WI
Program date: June 30- July 20, 2024
Due date: May 1,2024
Fees: \$4,100

Summer Program
Astronomy/Space Science
Yale : Summer Session - Galaxies and the Universe
In-person Course. A nontechnical introduction to stellar populations and the structure and evolution of the Milky Way galaxy; external galaxies, radio galaxies, and quasars; cosmology and the expansion...
<https://summer.yale.edu/courses-programs/courses-yale>
Grades: 11 State: CT
Program date: May 27 - June 28, July 1 - Aug 2, 2024
Due date: May 15,2024
Fees: \$4,650

Summer Program
Astronomy/Space Science
Stanford - Education Unlimited : Astrophysics
The Astrophysics course will establish a firm introduction of the forces at work upon the fabric of the universe and how these dynamics interplay to create the structure and harmony that we observe to...
<https://www.educationunlimited.com/camp-sessions/display/camp/astrophysics-9-11>
Grades: 11,12 State: CA
Program date: July 28-Aug 3,2024
Due date: May 2024
Fees: \$2,995

Summer Program
Astronomy/Space Science
Cornell Univ : Pre college - Astronomy
Cornell University precollege programs give high school students the chance to benefit from an Ivy League education before they apply to or attend college. From the food we eat to the products we use...
<https://scc.cornell.edu/precollege/program>
Grades: 10,11 State: NY
Program date: June 24-August 2, 2024 - Multiple Camps
Due date: May 6,2024
Fees: \$1,750/Credit

Summer Program
Astronomy/Space Science
Emory University : Summer College - Introduction to Astronomy w/Lab
The Emory Summer College for High School Students is an opportunity to enroll in Emory College undergraduate courses and receive college credit...
<http://precollege.emory.edu/>
Grades: 10,11 State: GA
Program date: May 17-June 28,July 1-Aug 9,2024
Due date: June 14,2024
Fees: \$4,164

Summer Program
Astronomy/Space Science
UCLA : Summer College Immersion Program - Astronomy,Life in the Universe
The UCLA Summer College Immersion Program (SCIP) is designed for exceptionally high-achieving high school students to provide a real-world introduction to an academic life at UCLA, the nations #1 publ...
<https://summer.ucla.edu/summer-programs/summer-college-immersion-program/scip/>
Grades: 9,10,11,12 State: CA
Program date: June 24 - August 2,2024
Due date: May 1, 2024
Fees: \$4680

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