

List of High School Students upcoming Summer programs/Internship

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<p>Summer Program <i>Physics</i> Univ of California - Irvine : Summer Bridge - Dynamics : ONLINE Introduction to the kinematics and dynamics of particles and rigid bodies. The Newton-Euler, Work/Energy, and Impulse/Momentum methods are explored for ascertaining the dynamics of particles and rigid...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Jun 24-Aug 1,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Physics</i> Boston Leadership Institute : Applied Physics & Engineering This hands-on program, designed for high school students who are preparing to take high school Physics or have already completed it, covers critical laws of flight, gravity, and motion, as well as bro...</p> <p>https://www.bostonleadershipinstitute.com/applied-physics-engineering/</p> <p>Grades: 9,10,11 State: MA Program date: July 1-19, 2024 Due date: May 2024 Fees: \$2,200</p>	<p>Summer Program <i>Physics</i> 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...</p> <p>https://www.educationunlimited.com/camp-sessions/display/camp/astrophysics-9-11</p> <p>Grades: 11,12 State: CA Program date: July 28-Aug 3,2024 Due date: May 2024 Fees: \$2,995</p>	<p>Summer Program <i>Physics</i> Brown Univ : Summer Pre-College - Computational Physics This course will provide an overview of Newtonian Mechanics. We will be studying one and two dimensional motion, forces, momentum, energy, rotational motion, periodic motion and light. Starting with...</p> <p>https://precollege.brown.edu/programs/summerbrown</p> <p>Grades: 11,12 State: RI Program date: July 14-26,2024 Due date: May 15,2024 Fees: \$3,265</p>
<p>Summer Program <i>Physics</i> Univ of California - Irvine : Summer Bridge - Introduction to Thermodynamics : ONLINE Thermodynamic principles; open and closed systems representative of engineering problems. First and second law of thermodynamics with applications to engineering systems and design...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Jun 24-Aug 30,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Physics</i> Georgetown University : College Credit Courses - Principles of Physics This summer, get a head start and earn college credit at Georgetown. Our college credit courses ease your transition into the college learning environment through a blend of lectures, class discussion...</p> <p>https://summer.georgetown.edu/programs/SHS04/summer-college</p> <p>Grades: 9,10,11,12 State: DC Program date: June 3-July 5, July 8-Aug 9, June 3-July 26(Online),2024 Due date: May 15,2024 Fees: \$2,500</p>	<p>Summer Program <i>Physics</i> 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...</p> <p>https://www.educationunlimited.com/camp-sessions/display/camp/astrophysics-9-11</p> <p>Grades: 11,12 State: CA Program date: July 7-13,2024 Due date: May 2024 Fees: \$2,995</p>	<p>Summer Program <i>Physics</i> Brown Univ : Summer Pre-College - Physics: What Does It Take to Discover a Particle? Our world is composed of seemingly-invisible particles at every scale imaginable. We can look at ourselves and ask, What are we made of? We might answer that we're made of cells that have a molecular ...</p> <p>https://precollege.brown.edu/programs/summerbrown</p> <p>Grades: 11,12 State: RI Program date: June 23-July 26,2024 Due date: May 15,2024 Fees: \$3,265</p>
<p>Summer Program <i>Physics</i> Univ of California - Irvine : Summer Bridge - Basic Physics I : ONLINE Introductory physics with applications to life sciences. Vectors; motion, force, and energy. Corequisite: MATH 2A or MATH 5A. Prerequisite: A score of 4 or higher on the AP Calculus AB exam, or a scor...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Jun 24-Aug 30,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Physics</i> Northwestern University : Physics 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...</p> <p>https://www.ctd.northwestern.edu/courses</p> <p>Grades: 9,10,11 State: IL Program date: May 29-Aug 15, 2024 Due date: May 2024 Fees: \$2,660</p>	<p>Summer Program <i>Physics</i> 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...</p> <p>https://www.educationunlimited.com/camp-sessions/display/camp/astrophysics-9-11</p> <p>Grades: 11,12 State: CA Program date: July 21-27,2024 Due date: May 2024 Fees: \$2,995</p>	<p>Summer Program <i>Physics</i> Worcester Polytechnic Inst : Residential Frontier - Advanced Modern Physics The advent of the twenty-first century introduced two extreme worlds of physics: the physics of minuscule particles – electrons – and the physics of supergiants – black holes. Both worlds are extremel...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers-grades-11-12/program-information</p> <p>Grades: 10,11 State: MA Program date: July 21 - August 2, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>
<p>Summer Program <i>Physics</i> Univ of California - Irvine : Summer Bridge - Basic Physics II Introductory physics with applications to life sciences. Energy and thermodynamics; waves and sound; optics. Prerequisite: PHYSICS 3A or AP Physics C. Mechanics. AP Physics C: Mechanics with a minimum...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Jun 24-Aug 1,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Physics</i> Vanderbilt University : Mentor Immersion - A Physics Primer: Breaking Barriers with Quantum Mechanics Over 34 million individuals are diagnosed with diabetes in the United States alone, resulting in diabetes being one of the leading causes of death in the country and world-wide. Diabetes positively co...</p> <p>https://pty.vanderbilt.edu/mentor-immersion-summer/</p> <p>Grades: 9,10,11 State: TN Program date: May 13-Aug 12, June 10-Sept 9, 2024 Due date: May 1,2024 Fees: \$2,750</p>	<p>Summer Program <i>Physics</i> 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...</p> <p>https://www.bu.edu/summer/courses/high-school/astrometry/</p> <p>Grades: 10,11 State: MA Program date: July 1-Aug 8,2024 Due date: May 15,2024 Fees: \$3,020</p>	<p>Summer Program <i>Physics</i> Worcester Polytechnic Inst : Residential Frontier - Physics: Journey into Modern Physics Time travel, black holes, and how human eyes work - What do these things have in common? Physics! They are all principles of optics and modern physics. Investigate selected fields and applications of ...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/frontiers-grades-11-12/program-information</p> <p>Grades: 10,11 State: MA Program date: July 7 - 19, 2024 Due date: Apr 30,2024 Fees: \$3,995</p>
<p>Summer Program <i>Physics</i> Univ of California - Irvine : Summer Bridge - Classical Physics Topics include force, energy, momentum, rotation, and gravity. Corequisite: MATH 2B. Prerequisite: Recommended: PHYS 2 or (MATH 2D and (CHEM 1C or CHEM H2C or CHEM M3C) or CHEM M2C) or AP Physics C: M...</p> <p>https://summer.uci.edu/programs-bridge/</p> <p>Grades: 10,11,12 State: CA Program date: Jun 24-Aug 1,2024 Due date: June 15, 2024 Fees: \$1,500</p>	<p>Summer Program <i>Physics</i> Worcester Polytechnic Inst : Online College Credit : General Physics - Electricity & Magnetism An introduction to the theory of electricity and magnetism. Topics include: Coulomb's law, electric and magnetic fields, capacitance, electrical current and resistance, and electromagnetic induction...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/jumpstart</p> <p>Grades: 10,11 State: MA Program date: July 8 - August 9, 2024 Due date: Apr 30,2024 Fees: \$2,845</p>	<p>Summer Program <i>Physics</i> Boston University : Summer High School Honors - Physics 1/2 Elementary Physics 1 CAS PY 105 The CAS PY 105/106 sequence satisfies premedical requirements. CAS PY 105 covers some of the basic principles underlying the physics of everyday life, including force...</p> <p>https://www.bu.edu/summer/courses/high-school/physics/</p> <p>Grades: 10,11 State: MA Program date: July 1-Aug 8,2024 Due date: May 15,2024 Fees: \$3,020</p>	<p>Summer Program <i>Physics</i> 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...</p> <p>http://precollege.emory.edu/</p> <p>Grades: 10,11 State: GA Program date: May 17-June 28, July 1-Aug 9,2024 Due date: June 14,2024 Fees: \$4,164</p>
<p>Summer Program <i>Physics</i> Boston Leadership Institute : Astrophysics Since the advent of human life, we have looked to those luminescent 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...</p> <p>https://www.bostonleadershipinstitute.com/astrophysics/</p> <p>Grades: 9,10,11 State: MA Program date: July 1-19, 2024 Due date: May 15,2024 Fees: \$1,797</p>	<p>Summer Program <i>Physics</i> Worcester Polytechnic Inst : Online College Credit : General Physics - Mechanics Introductory course in Newtonian mechanics. Topics include kinematics of motion, vectors, Newton's laws, friction, work-energy, impulse-momentum, for both translational and rotational motion. Recommen...</p> <p>https://www.wpi.edu/academics/pre-collegiate/summer-programs/jumpstart</p> <p>Grades: 10,11 State: MA Program date: July 8 - August 9, 2024 Due date: Apr 30,2024 Fees: \$2,845</p>	<p>Summer Program <i>Physics</i> Barnard College : STEMinsts - The Elegance of Physics :- Girls Only Physics is all around you. Gravity holds your feet to the ground, guides the planets in their orbits, and gives the universe its shape. The vibrations we call "light" and "sound" illuminate and beauti...</p> <p>https://precollege.barnard.edu/steminists</p> <p>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</p>	<p>Summer Program <i>Physics</i> Rowan University : STEAM Academy - Pathways This rigorous residential program features a research internship specifically focused on STEAM content that aligns with student preferences. Designed to help student grow academically and to create a mo...</p> <p>https://www.rowan.edu/steam/</p> <p>Grades: 9,10,11 State: NJ Program date: July 7-19,2024 Due date: May 2024 Fees: \$4,200</p>

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