

Program Name	Department/Ce	Description	Contact	Web link	Audience
Hi-Gear (Girls Engineer Abilities Realized) Camp	College of Engineering	One-week camp designed to expose female high school student to engineering and computer science careers.	Jamie Garza Academic Program Coordinator jamie.garza@utah.edu 801.581.8954	www.coe.utah.edu/summercamps	Female high school students
Exploring Engineering Camp	College of Engineering	A three day summer camp at the University of Utah to introduce high school students to chemical, electrical, civil, environmental, computer, mechanical, materials, and biochemical engineering.	Mike Carpenter, Academic Program Coordinator mike.carpenter@utah.edu	www.coe.utah.edu/summercamps	High school students, Age 15-18
Bioscience High School Summer Research Program	Department of Biology	Offers 20 students two weeks of training in basic laboratory procedures followed by six weeks of assisting faculty with research. A small stipend is provided and some students subsequently may obtain employment in a research lab.	Bioscience Undergraduate Research Program (BioURP) BioURP@bioscience.utah.edu 801-581-5013	www.biology.utah.edu/outreach/high_school.php	High school students
Summer Transportation Institute Camp	Department of Civil and Environmental Engineer	Week-long camp introducing 9th grade high school students to the transportation industry.	Ashley Arpero Admin Program Coordinator ashley.arpero@utah.edu 801-585-7710	www.civil.utah.edu/camp	Grade 9

Summer Mathematics Program	Department of Mathematics	The Summer Mathematics Program for High School Students at the University of Utah provides outstanding students an opportunity to develop their talents to the fullest. By presenting intriguing puzzles, challenging problems and powerful ideas, the program stimulates curiosity, develops the intellect, and lays a strong foundation for future work in mathematics, the sciences, or science related careers. Applications are due March 31st.	Stefan Patrikis Program Director patrikis@math.utah.edu 801-581-5772	www.math.utah.edu/outreach	High school students
Summer Camp	Natural History Museum	The Natural History Museum of Utah has an amazing selection of natural science and STEAM-related camps lined up for kids from preschooler to 8th grade in summer.	Shelli Campbell Family and Youth Program Coordinator programs@nhmu.utah.edu	nhmu.utah.edu/summer-camp-2017	Grades pre-8
Red Butte Garden Lecture	Red Butte Garden Utah State	Free horticulture lecture series offered during the summer.	Neal Dombrowski neal.dombrowski@redbutte.ut	www.redbuttegarden.org/horticulture-lecture-series https://www.facebook.com/redbuttegarden	General public

Advancing Youth in Medical Education	School of Medicine	Summer learning experience designed by medical students to help high school students interested in health sciences get a glimpse of what medical school is like.	Chris Harris Admin Program Coordinator chris.harris@hsc.utah.edu 801-585-3724	medicine.utah.edu/outreach/k-12/advancing.php	High school students
AWE+SUM (returns summer 2019)	Westminster College	The AWE+SUM Camp is a 4 day residential camp for girls who are entering the 8th grade the following fall. Girls stay in a residence hall at Westminster. The camp gives girls a chance to experience a college campus with	Carolyn Connell Director cconnell@westminstercollege.edu	https://www.westminstercollege.edu/camps#0	Girls entering 8th grade
AIS-PREP	American Indian Services	The American Indian Services Pre-freshman Engineering Program (AIS PREP) is a six-week, academically-enriched summer program designed to intellectually prepare and challenge students grades seven through nine. AIS PREP provides three summers of rigorous academic instruction,	AIS PREP Blanding Coordinator, Shawna Shumway [(435) 979-5672] Tuba City Coordinator Farrah Klein	https://www.americanindianservices.org/ais-prep/welcome/	American Indian students, 7th to 9th grade
Bioscience Summer Internship	Biology Department	The Bioscience Program at the University of Utah seeks to increase the participation of students in biological research and to encourage them to prepare for careers in research, medicine, and education. To this	BioURP@bioscience.utah.edu	http://www.biology.utah.edu/undergraduate/research/hsprog.php	High school students

Summer Chemistry Enrichment Program	School of Medicine	This summer chemistry program is offered to qualified high school students, who have completed either their junior or sophomore year, and have one or more years of chemistry completed. Eight hours of credit are awarded. This credit will be applied toward University of Utah graduation requirements. It will satisfy the	Professor Charles Atwood, Department of Chemistry [(801) 581-4383] chatwood@chemistry.utah.edu	http://science.utah.edu/students/summer-chemistry.php	Junior or Senior high school students
Mind Riot	The Leonardo	Mind Riot is a fast paced three-day entrepreneurship competition designed for Utah high school students that want to change the world. Students will learn about social entrepreneurship from professionals in the fields of	Mindriot@theleonardo.org	http://www.theleonardo.org/mind-riot/	High school students
Graphics & Robotic Exploration with Amazing Technology (GREAT) Summer Camp	Office of Equal Opportunity and Affirmative Action	The GREAT Summer Camp has summer programs for all ages in robotics, coding, and video game development.	great@cs.utah.edu	http://www.cs.utah.edu/~dejohnso/GREAT/index.shtml	K-12

Program Name	Department/Center	Description	Contact	Web link	Audience
Utah Reads	Bennion Center	Provides tutoring in literacy and mathematics to elementary students at Title I schools.	Cassi Simmons Utah Reads Coordinator cassi.simmons@utah.edu 801-585-9101	bennioncenter.org/students/utah-reads	Elementary school students
REFUGES Afterschool Program	Center for Science and Mathematics Education (CSME)	Offers academic tutoring, home visits and social services to address underrepresentation of women, minorities, refugees, non-native English speakers, and economically disadvantaged students in STEM.	Tino Nyawelo REFUGES Director refuges@csme.utah.edu 801-581-5306	csme.utah.edu/refuges/	Middle and high school students underrepresented in STEM
After School Adventure Club	Natural History Museum	After-school program for youth grades 1-3 exploring topics ranging from engineering and design with LEGO and Minecraft to paleontology, geology, art and science.	Shelli Campbell Youth and Family Programs Coordinator scampbell@nhmu.utah.edu 801-585-3948	nhmu.utah.edu/after-school-adventure-club	Grades 1-3

<p>NHMU Saturday Discovery Classes for 2nd–5th Graders</p>	<p>Natural History Museum</p>	<p>Provides a variety of STEAM-based programming to engage children and spark curiosity in Science, Technology, Engineering, Art, and Math.</p>	<p>Shelli Campbell Youth and Family Programs Coordinator programs@nhmu.utah.edu 801-585-3948</p>	<p>nhmu.utah.edu/saturday-discovery-classes</p>	<p>Grades 2-5</p>
<p>First Lego League Championship</p>	<p>The Office of Venture Technology Development</p>	<p>A global robotics and innovation program for kids ages 9 to 14.</p>	<p>Richard Anderson FIRST® Utah Regional Director randerson@firstinspires.org Mark Minor, Chair, Co-Volunteer Coordinator Associate Professor of Mechanical Engineering University of Utah minor@mech.utah.edu</p>	<p>www.utfrc.utah.edu</p>	<p>Ages 9-14</p>

Program Name	Department/Center	Description	Contact	Web link	Audience
Sport 'N Science	Center for Science and Mathematics Education (CSME) University of Utah Athletics Department	A collaboration between the University of Utah Athletics Department and CSME to bring sport and science together through articles, informational posters, and videos.	CSME outreach@csme.utah.edu	sportsnscience.utah.edu	General public
Adelante Program	College of Education	Promotes awareness of higher education opportunities among students, families and teachers at Jackson Elementary in Salt Lake City, Utah.	Dolores Delgado Bernal Co-Founder & Director, Adelante Partnership dolores.delgadobernal@utah.edu	Jackson Elementary School, jackson.slcschools.org/academics/programs-options/adelante Adelante, http://adelantepartnership.weebly.com	Elementary school students
Elementary Engineering Week	College of Engineering	Engages 5 and 6th graders in engineering concepts and scientific principles.	Jamie Garza Academic Program Coordinator jamie.garza@utah.edu 801.581.8954	www.coe.utah.edu/k12_events	5th and 6th grade students

Classroom Experience	College of Mines and Earth Science	Classroom programs for middle and high school students. Introduces current scientific research and discusses careers in earth science.	Samantha Davis Student Activities Director samantha.j.davis@utah.edu 801- 585-5176	www.cmes.utah.edu/outreach/index.php	Middle and high school students
K12 Outreach Program	Department of Chemical Engineering	Undergraduate engineering students visit K-12 schools and community events to discuss engineering careers and conduct demonstrations.	Anthony Butterfield Professor tony.butterfield@utah.edu 801-587-8461 Edward Trujillo Professor edward.trujillo@utah.edu 801-581-4460	www.che.utah.edu/outreach/k12_program	K-12 schools and community events
American Chemical Society Student Chapter	Department of Chemistry	Undergraduate chemistry students bring chemistry demonstrations to local elementary and junior high schools.	Holly Sebaha Professor holly.sebahar@utah.edu 801-581-6675	chem.utah.edu/undergraduate	Elementary and junior high school students

Visiting Lecture	Department of Mathematics	Presentations at local schools on mathematics and on its role in science, technology, and society.	Angie Gardiner Academic Advisor gardiner@math.utah.edu 801-581-6837	www.math.utah.edu/outreach	High school students
AstronomUr Outreach Group	Department of Physics & Astronomy	Offers public and private star parties, solar parties, presentations and demos for k-12 students, scouts, families, and community members.	AstronomUr Outreach Group observatory@physics.utah.edu	web.utah.edu/astro/outreach2.html	K-12, scouts, general public
Astrophysics Science Project Integrating Research and Education (ASPIRE)	Department of Physics & Astronomy	Provides hands-on demos and activities for K-12 students and the public.	Julia Callahan cosmic.callahan@gmail.com	sunshine.chpc.utah.edu	K-12 and general public
Scanning Electron Microscope	Department of Physics & Astronomy	Offers presentation on SEM technology for K-12 students.	Department of Physics & Astronomy Outreach@physics.utah.edu	www.physics.utah.edu/index.php/undergraduate-program/outreach-clubs	K-12
Society of Physics Students	Department of Physics & Astronomy	The Society offers lab tours and school visits.	Department of Physics & Astronomy Outreach@physics.utah.edu	www.physics.utah.edu/~sps	K-12 and Scouts

Museum on the Move	Natural History Museum	Museum visit local schools, provides 4th grade students the opportunity to conduct science core-aligned investigations through the use of Museum-quality specimens and materials.	Museum on the Move Outreach Program mom@nhmu.utah.edu Ally Coconis, Community Outreach Coordinator acoconis@nhmu.utah.edu 801-585-3438	nhmu.utah.edu/mom	Grade 4
Travelling Treasure	Natural History Museum	A outreach partnership designed to bring the state museum of natural history, and its collections, into Utah's diverse communities.	Patti Carpenter PR Manager pcarpenter@nhmu.utah.edu	nhmu.utah.edu/programs/travelling-treasures-2017	General public
LiL' Buds	Red Butte Garden	A five week classes feature a special exploration in the Garden, a fun craft or activity, a snack, and an engaging story connected to our age-appropriate theme.	Heidi Leigh Anderson Youth Education Coordinator heidi.anderson@redbutte.utah.edu 801-587-8323	www.redbuttegarden.org/lil-buds/	Preschoolers

Mad Scientist Program	School of Medicine	Scientists visit classrooms across the Salt Lake Valley to engage students in grades K-5 in a range of hands-on activities.	Chris Harris Admin Program Coordinator chris.harris@hsc.utah.edu 801-585-3724	medicine.utah.edu/outreach/k-12/mad-scientist.php	Grade K-5
Mathematics, Engineering, Science Achievement Program (MESA)	School of Medicine	K-12 program that offers monthly presentations and hands-on activities focused on health related topics.	Chris Harris Admin Program Coordinator chris.harris@hsc.utah.edu 801-585-3724	medicine.utah.edu/outreach/k-12/mesa.php	K-12
Science Masters	School of Medicine	Program created for students grades 7- 9 interested in exploring education and careers in science. Offers hands-on activities led by	Donna Eldridge Admin Program Coordinator donna.eldridge@hsc.utah.edu 801-587 3525	medicine.utah.edu/outreach/k-12/science-masters.php	Grade 7- 9
Science Navigator	School of Medicine	Program for boys grades 4-6 interested in careers in science. Offers hands on activities facilitated by medical students.	Chris Harris Admin Program Coordinator chris.harris@hsc.utah.edu 801-585-3724	medicine.utah.edu/outreach/k-12/science-navigators.php	Boys grades 4-6

Science Power	School of Medicine	Program for girls grades 4-6 interested in exploring education and careers in science. Offers hands on activities facilitated by medical students.	Chris Harris Admin Program Coordinator chris.harris@hsc.utah.edu 801-585-3724	medicine.utah.edu/outreach/k-12/science-power.php	Girls grades 4-6
Science Sprouts	School of Medicine	A program targeting students grades 1-3 introducing this vital population to the wonderful world of science.	Donna Eldridge Admin Program Coordinator donna.eldridge@hsc.utah.edu 801-587 3525	medicine.utah.edu/outreach/k-12/science-sprouts.php	Grades 1-3
Huntsman Cancer Institute	The University of Utah Health	Educates the public about cancer risks, screenings, and preventions. Visits work sites, churches, and community organizations.	Office of Public Affairs, public.affairs@hci.utah.edu 801-587-7639	healthcare.utah.edu/huntsmancancerinstitute/cancer-information/outreach	General public

BioEYES	School of Medicine	Hands-on STEM engagement program for K-12 students, working in week-long modules to study the growth and development of zebrafish.	<p>Judith Neugebauer, Ph.D. Program Manager, Research Education Office judith.neugebauer@hsc.utah.edu 801-587-1937</p> <p>John D. Anderson Academic Program Coordinator john.d.anderson@hsc.utah.edu 801-587-1467</p>	<p>http://medicine.utah.edu/pediatrics/research/education/bioeyes.php</p>	K-12 students
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Brain Awareness Week	School of Medicine	Brain Awareness Week is a national campaign to boost understanding of the brain, brain health, and neuroscience. The Brain Awareness Week efforts at the University of Utah were organized by the Neuroscience Program.	<p>Tracy Marble Academic Program Manager, Neuroscience Program tracy.marble@hsc.utah.edu 801-581-4820</p>	<p>http://www.dana.org/BAW/Eventdetails.aspx?id=119809</p>	K-12 students
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STEM Utah Programs	STEM Utah Action Center	The STEM Utah Action Center is a hub for several STEM programs, including summer camps, after school programs, interactive science visits, and much more	Kelli Yates STEM Liaison kellieyates@utah.gov	https://stem.utah.gov	All ages
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STEM Mentor	Center for Science and Mathematics Education (CSME)	Undergraduate STEM students develop science teaching and communication skills while serving as mentors for K-6 students	Holly Godsey Administration Manager holly.godsey@utah.edu 801-587-7866	csme.utah.edu/stem-mentors	Elementary school students
U-S2TEM	Center for Science and Mathematics Education (CSME)	Offers scholarships and mentoring to freshmen in the College of Science, Mines and Earth Sciences, and Engineering	Allyson Rocks, Academic Coordinator 801-587-9202 ally.rocks@utah.edu	csme.utah.edu/u-s2tem-scholarships-for-sustainability-in-stem	Incoming freshmen
ACCESS Program for Women in Science & Mathematics	College of Science	Provides campus orientation, scholarships, and research opportunities to female freshmen at U of U.	Tanya Vickers ACCESS Program Director tanya.vickers@utah.edu 801-581-6958	science.utah.edu/students/access.php	Female undergraduates
Lassonde Ambassador and Mentor Program	Lassonde Entrepreneur Institute	Provides college student mentors to high-school students interested in careers in STEM (science, technology, engineering and math).	Savannah Barlow Director savannahleanne22@gmail.com	lassonde.utah.edu/lassonde-ambassadors	High school students

Research on Capitol Hill	Office of Undergraduate Research	The Office of the Vice President for Research, the Office of Government Relations and the Office of Undergraduate Research select students each year to exhibit their work via posters to Utah State legislators.	The Office of Undergraduate Research our@utah.edu 801-581-8070	our.utah.edu/event s/roch	Undergraduates
Health Sciences Leap Program	School of Medicine	Provide academic assistance and support to diverse students entering as freshmen who have an interest in health sciences.	Zeta Tsagaris, Manager of the Office of Inclusion and Global Equity zoe.tsagaris@hsc.utah.edu 801-587-9917	medicine.utah.edu/ outreach/premed/h s_leap.php	Incoming freshmen
Advancing Chicanos/Hispanics and Native Americans in Science (SACNAS) the University of Utah Chapter	The University of Utah	Provides support to underrepresented minority students and young professionals at the University of Utah in pursuing advanced degrees, careers, and leadership positions in the sciences. Strengthens the STEM pipeline for high school and middle school	SACNAS University of Utah Chapter UofUSACNAS@gmail.com	biochem.web.utah.edu/sacnas	Underrepresented minority students and young professionals
Women's Resource Center	The University of Utah	Provides resources and support to female students.	Flor Olivo Program Coordinator FOlivo@sa.utah.edu	womenscenter.utah.edu	Women
JumpStart	TRIO Programs	A residential summer program at the University of Utah for incoming freshmen from low income families or first generation college students.	Maria C Baldwin JumpStart/Bridge Program Coordinator mbaldwin@sa.utah.edu	trio.utah.edu/jumpstart/index.php	Incoming freshmen

Student Support Services	TRIO Programs	Provides academic assistance and other services to the current or incoming undergraduate university students.	TRIO Program Office, trio@sa.utah.edu 801-581-7188	trio.utah.edu/support/index.php	Undergraduate students
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Program Name	Department/Cente	Description	Contact	Web link	Audience
Project Youth	Bennion Center	Introduce youth to the University. Medical School, engineering, biology and many other colleges and departments participate each year.	Project Youth Director projectyouthbc@gmail.com	bennioncenter.org/about/events/project-youth.php	Grade 6 from Title I Schools
REFUGES Bridge Program	Center for Science and Mathematics Education (CSME)	Designed for incoming University of Utah freshmen who are interested in majoring in a STEM field. Provides academic assistance and summer opportunity to live on campus, attend classes, and jumpstart their college experience.	Tino Nyawelo REFUGES Director refuges@csme.utah.edu 801-581-5306 Allyson Rocks Academic Coordinator ally.rocks@utah.edu	csme.utah.edu/refuges/summer-bridge-program/	U of U incoming freshmen
Exploring Engineering Camp	College of Engineering	A three day summer camp at the University of Utah to introduce high school students to chemical, electrical, civil, environmental, computer, mechanical, materials, and biochemical engineering.	Mike Carpenter, Academic Program Coordinator mike.carpenter@utah.edu 801.587-5739	www.coe.utah.edu/summercamps	High school students, Age 15-18
Mathematics, Engineering, Science Achievement Program (MESA)	College of Engineering	MESA aims to increase the number of women and underrepresented minorities in math, science, engineering, and technology-related careers. MESA offers educational programs, campus tours, recognition awards, and scholarships.	Morgan Boyack Academic Program Coordinator morgan.boyack@utah.edu 801.581.4528	www.coe.utah.edu/mesa	Women and minorities in STEM

U of U Campus Experience	College of Mines and Earth Science	Offers students opportunities to visit the UU campus to learn about the College of Mines and Earth Science.	Samantha Davis Student Activities Director samantha.j.davis@utah.edu 801- 585-5177	www.cmes.utah.edu/outreach/index.php	Middle and high school students
ACCESS Program for Women in Science & Mathematics	College of Science	Provides campus orientation, scholarships, and research opportunities to female freshmen at U of U.	Tanya Vickers ACCESS Program Director tanya.vickers@utah.edu 801-581-6958	science.utah.edu/students/access.php	Female undergraduates
Youth Education	Continuing Education & Community Engagement	Offers classes for youth including ACT prep, summer camps, art, and science.	Elliott Fraughton Program Manager e.fraughton@utah.edu 801-581-7226	https://continue.utah.edu/youth	Youth
Society of Physics Students	Department of Physics & Astronomy	The Society offers lab tours and school visits.	Department of Physics & Astronomy Outreach@physics.utah.edu	www.physics.utah.edu/~sps	K-12 and Scouts
Women in Physics & Astronomy	Department of Physics & Astronomy	Works to support women in science by offering informal mentoring and participating in community events.	Department of Physics & Astronomy Outreach@physics.utah.edu WomPA, utahwompa@gmail.com	www.physics.utah.edu/~wompa	Female scientists
MESA Recruiting Partnership	Department of Physics & Astronomy Mathematics Engineering Science Achievement program (MESA)	Introduces physics to high school students through campus tours, activities, presentations, discussion circles and demonstrations.	Department of Physics & Astronomy Outreach@physics.utah.edu Christoph Boehme Principal Investigator Boehme@physics.utah.edu	www.physics.utah.edu/index.php/for-the-community/mesa-recruiting-partnership	K-12, scouts

Health Professions Academy	Health Science Center	Health Professions Academy is a partnership between the Salt Lake City School District and the University of Utah Health Sciences. The Academy provides service learning, field trips, and preparatory courses for high school students interested in health professions.	Anne Martin anne.martin@slcschools.org 801-584-2900	www.slcschools.org/schools/programs-and-options/Health-Professions-Academy.php#.WUganBPto4	High school students
Youth Teaching Youth	Natural History Museum	Provides teacher training to middle and high school students- a near-peer mentoring program (now in its 22nd year) in which middle school students are mentored in the delivery of science presentation techniques by staff and older high school-aged students who have been with the program; the students then present science programs in fourth grade classrooms augmented with museum specimens and facsimiles for hands-on learning. As students advance into high school	Linda Aaron laaron@nhmu.utah.edu 801-587-5702	nhmu.utah.edu/educators/yty	Middle and high school students
Future Doctors	School of Medicine	Offers guest speakers and hands on activities for high school students interested in the medical profession.	Chris Harris Admin Program Coordinator chris.harris@hsc.utah.edu 801-585-3724	medicine.utah.edu/outreach/k-12/future-doctors.php	High school students
Health Sciences Leap Program	School of Medicine	Provide academic assistance and support to diverse students entering as freshmen who have an interest in health sciences.	Zeta Tsagaris, Manager of the Office of Inclusion and Global Equity zoe.tsagaris@hsc.utah.edu 801-587-9917	medicine.utah.edu/outreach/premed/hs_leap.php	Incoming freshmen

Premedical Conference	School of Medicine	A one-day event giving premed students and those interested in attending medical school the opportunity to learn more about the University of Utah School of Medicine	Melanie Hooten Student Services Manager melanie.hooten@hsc.utah.edu 801-587-7672	medicine.utah.edu/outreach/premed/day_of_dead.php	Premed students
Utah Rural Outreach Program	School of Medicine	Medical students visit high schools in rural and frontier communities in an attempt to increase awareness and interest in health careers and education.	Stephen C. Alder, PhD Advisor Steve.Alder@hsc.utah.edu 801-587-3315	medicine.utah.edu/dfpm/family-medicine/med-student-edu/activities/urop.php	Rural communities
Upward Bound	TRIO Programs	Provides college preparation assistance to high school students from low income families or who are first generation college students.	TRIO Program Office, trio@sa.utah.edu 801-581-7188	trio.utah.edu/upward-bound/index.php	High school students

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Science Olympiad	College of Engineering	Annual science competition for middle and high school students.	Amy Arkwright Academic Program Coordinator amy.arkwright@utah.edu 801-585-0370	www.utahscienceolympiad.utah.edu	Middle and high school students
Brain Bee	Neuroscience Initiative	Annual neuroscience competition for high school students	Ariadne Tena Penalva and Jen Einstein Program Chairs slcbrainbee@gmail.com	https://sites.google.com/view/slcbrainbee/home	High school students

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Teacher Research Fellows	Center for Science and Mathematics Education (CSME)	Offers a 4-week scientific research experience for secondary teachers with a faculty member at the University of Utah or Weber State University. The experience is accompanied by workshops that help teachers develop their capacity for teaching science process skills.	Holly Godsey, Administration Manager holly.godsey@utah.edu 801-587-7865	csme.utah.edu/teacher-research-fellows-program	Secondary teachers
Workshop On Math and Earth Science From Navajo and Western Perspective	Center for Science and Mathematics Education (CSME)	Annual workshop open to secondary school teachers that explores connections between traditional Navajo knowledge and western science.	Holly Godsey, Administration Manager holly.godsey@utah.edu 801-587-7866	csme.utah.edu/earth-science-from-navajo-and-western-perspectives	Secondary teachers
K-12 Teacher Resources	College of Engineering	Provides K-12 math and engineering lesson plans and activities. Also Provides in class presentation at K-12 classroom and offers field trips to the University of Utah.	College of Engineerig coeoutreach@utah.edu	www.coe.utah.edu/k12	K-12 teachers

Engineering Ambassadors	College of Engineering	Engineering Ambassadors are motivated students who represent the College of Engineering at recruitment, outreach, alumni, and development events. Ambassadors provide demonstrations about engineering during K-12 visits, career fairs, and other local events. They also lead on-campus tours for school groups and other prospective students.	Mike Carpenter Academic Program Coordinator mike.carpenter@utah.edu 801.587-5739	www.coe.utah.edu/ambassa	Current COE students
STEM Ambassador Program	Department of Biology	Provides science communication training and connects scientists with public audiences based on the research or personal interests of the scientist.	Caitlin Weber, Program Manager, Caitlin.Weber@utah.edu Nalini Nadkarni, Program Director, nalini.nadkarni@utah.edu	www.stemap.org	Audience determined by scientist interests, with an emphasis on underserved groups or those who do not regularly encounter science.
Teaching Modules	Department of Chemical Engineering	Database of classroom teaching modules and classroom visits.	Anthony Butterfield Professor tony.butterfield@utah.edu 801-587-8461 Edward Trujillo Professor edward.trujillo@utah.edu 801-581-4460	www.che.utah.edu/outreach/teaching_modules	K-12 Teachers
Lecture Demonstration Presentations	Department of Physics & Astronomy	Provides tools and demonstrations to aid in teaching physics and astronomy.	Adam Beehler Lecture Demonstration Specialist beehler@physics.utah.edu 801-581-6602	www.physics.utah.edu/index.php/facilities/lecture-demonstration-facility	K-12, undergraduate and general public

Science Communication Fellows	Natural History Museum	Offers science communication training to researchers	Paulmichael Maxfield Public Programs Coordinator pmaxfield@nhmu.utah.edu 801-585-5920	nhmu.utah.edu/sciencecommunication	Scientists
Youth Teaching Youth	Natural History Museum	Provides teacher training to middle and high school students- a near-peer mentoring program (now in its 22nd year) in which middle school students are mentored in the delivery of science presentation techniques by staff and older high school-aged students who have been with the program; the students then present science programs in fourth grade classrooms augmented with museum specimens and facsimiles for hands-on learning. As students advance into high school they participate in college preparation and	Linda Aaron laaron@nhmu.utah.edu 801-587-5702	nhmu.utah.edu/educators/yty	Middle and high school students
Botany Bins	Red Butte Garden	Teacher resource kits that contain Utah core-curriculum aligned botany lesson plans.	Sarah Sandoval sarah.sandoval@redbutte.utah.edu 801-581-7230	www.redbuttegarden.org/botany-bins	Teachers
Grow Lab Program	Red Butte Garden	Resource for 1st grade teachers including lesson plans where students grow their own plant to learn about plant biology.	Amie Cox School Programs Manager amie.cox@redbutte.utah.edu 801-581-7230	www.redbuttegarden.org/grow-lab	1st grade teachers
Genetic Science Learning Center	The University of Utah	Offers educators resource and tools in teaching genetics, bioscience and health. Also helps to translates science and health for non-experts to understand.	Barbara Heather Coulter Project Administrator heather.coulter@utah.edu 801 585-3470	learn.genetics.utah.edu	General public

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Engineering Day	College of Engineering	A half-day event designed to introduce high school students, undecided majors, and transfer students to a variety of engineering disciplines through presentations and demonstrations.	Jamie Garza Academic Program Coordinator jamie.garza@utah.edu 801.581.8954	www.coe.utah.edu/eng_day	High school students, parents, and prospective transfer students
Meet an Inventor	College of Engineering	An annual engineering event held on campus for high school students.	Morgan Boyack Academic Program Coordinator morgan.boyack@utah.edu 801.581.4528	www.coe.utah.edu/k12_events	High school students
Frontiers of Science	College of Science	Lecture series brings eminent scientists from around the world to the University of Utah and the Salt Lake City community.	College of Science, office@science.utah.edu 801-581-6958	science.utah.edu/events	General public
Science at Breakfast	College of Science	Introduces leading faculty and research topics in the College of Science to business, community and government leaders.	Paige Berg Event & Program Specialist berg@science.utah.edu 801-587-8098	science.utah.edu/events	Business, community, government leaders
Science Day at the U	College of Science	A day-long event hosted by the College of Science and College of Mines & Earth Sciences to provide information to high school students about various opportunities for incoming undergraduates in science.	College of Science, office@science.utah.edu 801-581-6958	science.utah.edu/events/science-day.php	High school students

Science Night Live	College of Science	Public lectures offer a casual social and educational event in downtown Salt Lake.	College of Science, office@science.utah.edu 801-581-6958	science.utah.edu/events/science-night.php	Adults ages 21 and older
Curie Club	Department of Chemistry	Offers a monthly gathering where undergraduate and graduate women hear from successful women in STEM.	Tascha Knowlton Academic Advisor advisor@chem.utah.edu 801-585-7284	chem.utah.edu/community/curie-club.php	Female undergraduate and graduate students
Faraday Lecture	Department of Chemistry	Provides public chemistry lectures.	Tascha Knowlton Academic Advisor advisor@chem.utah.edu 801-585-7284	chem.utah.edu/community/faraday.php	General public
NHMu Lecture Series	Natural History Museum	Speaker series for the museum	Colleen McLaughlin Public Programs Manager cmclaughlin@nhmu.utah.edu 801.585.9442	nhmu.utah.edu/lectureseries	General public
Science Café	Natural History Museum	Presentations by U of U researchers on their current scientific research.	Paulmichael Maxfield Public Programs Coordinator pmaxfield@nhmu.utah.edu 801-585-5920	nhmu.utah.edu/programs/science-café	General public
Community Assistance and Resource Event (C.A.R.E) Fair	School of Medicine	A health fair sponsored by the Junior League of Salt Lake City. Medical student volunteers provide screening examinations under the supervision of volunteer faculty from the medical school.	John Houchins Advisor John.Houchins@hsc.utah.edu 801-585-3081	medicine.utah.edu/dfpm/family-medicine/med-student-edu/activities/care-fair.php	Medically underserved citizens

Premedical Conference	School of Medicine	A one-day event giving premed students and those interested in attending medical school the opportunity to learn more about the University of Utah School of	Melanie Hooten Student Services Manager melanie.hooten@hsc.utah.edu 801-587 7672	medicine.utah.edu/outreach/premed/day_of_dead.php	Premed students
Science on Tap	School of Medicine	An informal science engagement program at a local bar that presents laid-back opportunities to engage the public with science.	Audrey Rutz Audrey.Rutz@hsc.utah.edu	https://www.facebook.com/tapdatsci/	General public
She-Tech Explorer Days	Women Tech Council	She-Tech Explorer Days are industry-centered, hands-on interactive STEM exploration days held across the country for 9th through 12th grade high school girls. These day-long events are focused on hands-on activities in science, technology, engineering and math (STEM). Girls spend the morning in hands-on	kristin@womentechcouncil.com	http://shetechexplorer.com	9th-12th grade girls
Utah STEM Fest	STEM Utah	Come and be a part of the most unique gathering ever assembled in Utah as you and your family enjoy exciting hands-on experiences with science and technology that will spark your children's imaginations and give them a peek into their future career opportunities right here in Utah. Your kids will have so much fun	Kelli Yates STEM Liaison kelliyates@utah.gov	https://stem.utah.gov/events/event/stem-fest-2018/	7th to 10th graders

Program Name	Department/Center	Description	Contact	Web link	Audience
South Physics Observatory	Department of Physics & Astronomy	Offers public star parties and tours of the observatory.	observatory@physics.utah.edu 801-587-7662	web.utah.edu/astro	General public
Architecture Tours	Natural History Museum	Guided architecture tours of the museum	Colleen McLaughlin Public Programs Manager cmclaughlin@nhmu.utah.edu 801.585.9442	nhmu.utah.edu/architecture-tours	General public
Birthday Parties	Natural History Museum	Science-themed birthday parties for kids turning 4-10 years old.	Shelli Campbell Youth and Family Programs Coordinator scampbell@nhmu.utah.edu 801-585-3948	nhmu.utah.edu/birthday	Ages 4-10
Bug Brigade	Natural History Museum	Offers visitors an opportunity to observe and handle live bugs to learn about arthropods anatomy, behavior and ecological roles.	Echo Paixao Assistant Gallery Programs Coordinator epaixao@nhmu.utah.edu 801-587-5721	nhmu.utah.edu/bug-brigade	General public
Foothill Wildflower Walks	Natural History Museum	Offers a walking tour of the wildflowers that grow in the foothills above SLC with NHMU's botanist and entomologist.	Colleen McLaughlin Public Programs Manager cmclaughlin@nhmu.utah.edu 801.585.9442	nhmu.utah.edu/programs/foothill-wildflower-walks	General public
Science Movie Night	Natural History Museum	Movie screening followed by a lively discussion of science with an expert in a related field.	Colleen McLaughlin Public Programs Manager cmclaughlin@nhmu.utah.edu 801.585.9442	nhmu.utah.edu/movie	General public

Scientist in the Spotlight	Natural History Museum	Offers visitors informal meetings with local scientists.	Echo Paixao Assistant Gallery Programs Coordinator epaixao@nhmu.utah.edu 801-587-5721	nhmu.utah.edu/spotlight	General public
Utah Animals	Natural History Museum	Offers live animal observations. Participants will learn about the Great Basin gopher snake, North American bullfrog, Great Basin Spadefoot (toads), Utah salamanders and also learn more about the ecosystems of Utah.	Echo Paixao Assistant Gallery Programs Coordinator epaixao@nhmu.utah.edu 801-587-5721	nhmu.utah.edu/utahs-animals	General public
Garden Adventure	Red Butte Garden	Classes for children ages 4-12 and their parents at the garden.	Heidi Leigh Anderson Youth Education Coordinator heidi.anderson@redbutte.uta h.edu 801-587-8323	www.redbuttegarden.org/garden-adventures	Ages 4-12
School Field Classes	Red Butte Garden	Guided and self-guided school field classes.	Heidi Leigh Anderson Youth Education Coordinator heidi.anderson@redbutte.uta h.edu 801-587-8323	www.redbuttegarden.org/school-field-classes	K-12

Sprouthouse Workshops	Red Butte Garden	Nature-themed workshops for youth at the garden. Workshops include experiments, explorations in the Garden, and hands-on projects participants create during class and take home.	Heidi Leigh Anderson Youth Education Coordinator heidi.anderson@redbutte.uta h.edu 801-587-8323	www.redbuttegarden.org/sprouthouse-workshops	Ages 5-12
Urban Habitat	Red Butte Garden	A collaboration between Red Butte Garden, the Natural History Museum of Utah and Salt Lake County Noxious Weed Program to control noxious weeds encroaching on public lands.	Neal Dombrowski neal.dombrowski@redbutte.uta h.edu 801-587-9951	https://www.facebook.com/UrbanHabitatSLC/	General public

Program Name	Department/Center	Description	Contact	Web link	Audience
PAR FORE Program	College of Health	Mentor program that uses golf to promote personal, social, and physical growth and development.	Yda Smith, PhD, OTR/L University of Utah Division of Occupational Therapy yda.smith@hsc.utah.edu 801-585-9589	health.utah.edu/occupational-recreational-therapies/fieldwork/community-outreach/parfore.php	Youth
Initiative to bring Science Programs to the Incarcerated in Utah (INSPIRE)	Department of Biology	Works with scientists to bring science and nature to the incarcerated through a lecture series, workshops and conservation projects.	Nalini Nadkarni Program Director nalini.nadkarni@utah.edu Allison Anholt Program Manager allison.anholt@utah.edu 609-751-7972	nalininadkarni.com/inspire	Inmates and the corrections community in Utah
Bluegrass & BBQ	Natural History Museum	An annual music series presented by NHMU and KRCL.	Paulmichael Maxfield Public Programs Coordinator pmaxfield@nhmu.utah.edu 801-585-5920	nhmu.utah.edu/programs/bluegrass-bbq	General public
Girl Scout at the Museum	Natural History Museum	Offers several exciting workshops that will help Girl Scouts fulfill badges and participatory patches.	Colleen McLaughlin Public Programs Manager cmclaughlin@nhmu.utah.edu 801.585.9442	nhmu.utah.edu/programs/girl-scouts-museum	Girl Scouts

HawkWatch: Birds in the Lab!	Natural History Museum	Program offers participants opportunity to view live raptors and examine a variety of specimens, including feathers, eggs, and claws.	Echo Paixao Assistant Gallery Programs Coordinator epaixao@nhmu.utah.edu 801-587-5721	nhmu.utah.edu/programs/hawkwatch-birds-lab	General public
Highlights Tours	Natural History Museum	A 60 minute museum tour of the museum	Echo Paixao Assistant Gallery Programs Coordinator epaixao@nhmu.utah.edu 801-587-5721	nhmu.utah.edu/programs/highlight-tours	Adults and families
TechArt Hour of Code	Women Tech Council	An open source coding module for beginners	kristin@womentechcouncil.com	http://www.wtctechart.com	All students
Organizations with volunteer positions	Various	Loveland Living Planet Aquarium; Hogle Zoo; Clark Planetarium; The Leonardo; Red Butte Natural History Museum			All high school students