

SLC 2015

Legends and Lore Tours



University of California

Agriculture and Natural Resources ■ 4-H Youth Development Program

The Legends and Lore Tours are offered on Friday, July 24, 2015. All of the tours are offered in the morning and the afternoon.

Tour Schedule:

Tours will leave campus on a set schedule that you will receive when you check in on Thursday. Morning tours will leave campus after breakfast and will return to campus for lunch. Afternoon tours will depart after lunch and return to campus between 3-4 pm.

Tour Descriptions

UC Irvine Campus Tour

Visit UC Irvine! Take a Campus Tour and see all that UCI has to offer! Campus Tours are led by Campus Representatives, UC Irvine's official tour guides. These highly trained students will offer a one-hour walking tour of the university with information highlighting the campus, academic programs, and student life.

San Joaquin Marsh & Wildlife Sanctuary

The marsh encompasses over 300 acres of coastal freshwater wetlands, half of which have been restored to a natural state. The remaining acres are quality habitat and are not in need of restoration. Enjoy a walk along 12 miles of trails, watch the more than 200 bird species that visit the marsh, take photographs or simply relax under a native willow and listen to the sounds of nature. As a quiet place of reflection, vehicles, bicycles, dogs, horses and other animals are not permitted in the Marsh.

Quail Hill Preserve

Nearly 40,000 acres of open space on the historic Irvine Ranch have been designated a Natural Landmark by both the State of California and the U.S. Department of the Interior. On this docent led tour you will be hiking the two mile Quail Hill Trailhead. The Preserve is a mosaic of some of the most rare and biologically diverse ecosystems in the world, including wetlands, oak woodlands, grasslands and coastal sage scrub.

Lyon Air Museum

Founded by Major General William Lyon, Lyon Air Museum is an award winning jet, turbo-prop and piston-powered aircraft repair facility established in 1923 by famed aviation pioneer Eddie Martin. The Lyon Air Museum exhibit is comprised of authentic aircraft, rare vehicles and related memorabilia, with emphasis on the defining event of the 20th century – World War II.

Low Ropes Course

This course consists of ground based activities, wherein participants will work through a series of group initiatives that will challenge groups to brainstorm, plan, implement, evaluate, and improvise. These exercises are physically engaging, but not physically strenuous. After each exercise, group members will reflect on their experience and make connections to their life with themes such as trust, communication, leadership, and team dynamics. This is a great way to build your teamwork skills in an environment that is both challenging and supportive!

Newport Bay Conservancy

The Newport Bay Conservancy is focused exclusively on the conservation and restoration of Upper Newport Bay – one of the most precious natural resources in Southern California. The Bay is home to several of the region’s most productive ecosystems and largely contributes to the area’s biodiversity. Two options are available for interested participants:

Walking tour:

Participate in a walking tour of the Newport Bay Conservancy that provides educational information about the diverse ecosystems and conservation efforts. This tour will enhance your knowledge and appreciation of the Bay and increase your awareness of what role we play in protecting the environment.

On the Water Tour:

Participate in a two-hour tour of the ecological reserve from the water! Participants will canoe throughout the Back Bay and experience the beautiful wildlife of the area. Tours will be led by a trained naturalist who will begin with a quick lesson on how to paddle and then lead the participants into the Ecological Reserve. The tour will make several stops to discuss various aspects of the ecology and wildlife of the Bay. This tour is great for novice and experienced paddlers alike.

Irvine Museum

The Irvine Museum offers a variety of tours of its exhibitions. Take this opportunity to view remarkable paintings that capture a glimpse of California's former landscape and share in the artist's reverence for nature.

ChocXO Bean to Bar Chocolatier

Visit the ChocXO Chocolate Factory for a tour of their state-of-the-art production process as they turn cacao beans from Central and South America into chocolate bars, filled chocolates, chocolate bark, and other chocolate specialties.

Bowers Art Museum

Visit the Bowers Museum for an hour long docent-led tour of their current art exhibitions, spanning world cultures and ancient time periods. This experience provides a wealth of information, as well as an opportunity for participants to hold and examine ancient artifacts. Following the tour is an hour long art project related to the exhibition, which allows participants to engage with the material and express their creativity.

High Ropes Course

These programs allow participants to work together to overcome challenges together as a team, often achieving success in a way they have not seen before! These programs take place on the High Ropes Odyssey Course, with obstacles up to 50 feet in the air. Levels of personal challenge are different for each person, and therefore you will decide the level of stretch that is right for you. This experience is a fun and hands-on way to develop important teamwork skills, including trust, communication, and problem-solving!

Rock Climbing

Join us for an exciting climbing experience at UCI's rock wall! The wall has 11 ropes that range from easy to difficult climbing. The trained rock wall staff will provide coaching, supervision, and a great opportunity to climb. All equipment is provided and no experience is necessary.

Mission San Juan Capistrano

Visit the historic San Juan Capistrano, one of the original Spanish missions in California. Take a tour of the mission's grounds and learn about the exciting story of this particular mission!

ExplorOcean (All Day Option which includes both tours is available)

Morning Tour

Take a boat ride to the Newport Estuary and hands-on activities working with native plants, local habitats, and science experiments. Depending on water temperatures, visit the local White Seabass facility to learn more about this endangered animal. Finish the morning off in the Ocean Literacy Center!

Afternoon Tour

Take a harbor cruise to see the Sealions and local birds! Participate in hands-on science activities about erosion and water pressure. Finish your tour day off with a crab catch and a visit to the Ocean Literacy Center.

Disney's Creating a Leadership Legacy

Students learn how to develop their own leadership legacy, to become confident in their ability to accomplish their goals and be motivated to achieve the impossible.

Creating a Leadership Legacy, is a three-hour leadership experience through Disney California Adventure® that enables anyone to discover Walt Disney's "secret of making dreams come true." Students learn how to develop their own leadership legacy, to become confident in their ability to accomplish their goals and be motivated to achieve the impossible. They are challenged to discover

their personal branding and develop their core values, have the courage to step out of their comfort zones and understand the importance of diversity as they explore the Park and experience exciting attractions.

After completing Creating a Leadership Legacy, students will be able to:

- Define likeability, leadership and legacy
- Identify core values and how to apply them
- Understand the importance of personal branding, integrity, risk-taking, personal ownership and self esteem
- Develop interpersonal communication and career skills, and understand the difference between verbal and non-verbal communication

Learn from past leaders and build upon their skills

Disney's Designing a Disney Story

Get an inside look at how Disney animators create full length animated features. Learn the history of the art form, develop storytelling skills and practice techniques used to bring some of the most beloved characters of all time to life.

Learn about the complex components that work together to bring favorite Disney characters and stories to the big screen. In this 3-hour program students will study Disney's role in the history and processes used to create early animated features, as well as the innovative animation techniques used to bring the vision of modern storytellers to life. Students will explore their own storytelling skills by planning and designing a storyboard and creating a kineograph.

During this interactive field study, students will:

- Articulate the various elements of the animation process.
- Demonstrate storyboarding and pitch their story to the group.
- Draw a Disney character using simple geometric shapes.
- Describe the physical phenomenon of persistence of vision.
- Calculate the number of frames needed to produce a 60-minute animated film.
- Create their own simple animation by making a kineograph 1/12 of a second long.
- Discuss Walt Disney's role as a leader and innovator in the animation and entertainment industries.
- Understand how the characteristics of media, techniques and processes can be used to enhance the communication of experiences and ideas.

Disney's Approach to Leadership and Teamwork

Learn from Walt Disney's leadership strategies and apply them to achieve stronger collaboration skills, increase confidence and set a course for success.

Discover the Disney way of working and the management skills used to lead a Cast of thousands.

Students will practice overcoming obstacles by working as a team and thinking creatively to develop solutions in this 3-hour program. Exercises designed to reinforce courage, curiosity and constancy aim to give students the confidence to set goals and accomplish their dreams.

During this interactive field study, students will:

- Tap into their personal leadership skills and learn how to apply them in a team setting.
- Discuss the importance of diversity and respect for the ideas and contributions of others.
- Develop and display effective interpersonal communication skills.
- Brainstorm for creative ideas and solutions to a given problem.
- Apply different ideas, perspectives and approaches to a project.
- Gain the confidence and determination to overcome obstacles and accomplish goals.
- Lead a project to completion while maintaining a positive attitude.

Disney's Energy and Waves Physics Lab 201

See Disney California Adventure® Park through the eyes of a physicist! Experience its attractions as you explore how magnetism, light and sound are applied to great effect.

Witness physics principles at work in creating true to form Disney attractions. With hands-on experiments and demonstrations, students come to understand the fundamentals of acoustics and optics, and the different mediums that affect the transmission of light and sound waves in this 2.5-hour field study.

During this interactive field study, students will:

- Explain the phenomenon of binaural hearing.
 - Define a medium and the nature of acoustics.
 - Articulate and demonstrate how solids, liquids and gases affect sound.
 - Describe and demonstrate a compression wave.
 - Explain the relationship between electricity and magnetism.
 - Identify magnetic properties and articulate several applications of magnetism.
 - Distinguish the difference between permanent magnets and electromagnets.
 - Describe how linear induction motors can be used in transportation systems.
 - Illustrate how white light is composed of different colors.
 - Articulate how different colors of light are made up of different wavelengths.
- Demonstrate how light is reflected in an object and can be projected through a lens.

Disney's Properties of Motion Physics Lab

Head to Disney California Adventure® Park to experience physics principles like kinetic energy and speed at work, and learn the role science plays in engineering our most thrilling attractions.

During this 3-hour interactive learning experience, students will learn the role of mechanical physics at Disney California Adventure® Park. Students will study Newton's Laws of Motion and use the scientific method to explore the practical uses of magnetism, friction, gravity and different forms of energy. With the Park as their learning lab, students will use hands on experiments to see and test the relationship between physics and their favorite Disney attractions.

During this interactive field study, students will:

- Apply problem-solving techniques to everyday situations.
- Identify, define and illustrate potential and kinetic energy.
- Identify, define and discuss speed, velocity and acceleration.
- Discuss and illustrate inertia and horizontal forces.
- State and illustrate the Law of Conservation of Energy.
- State and illustrate Newton's First and Third Laws of Motion.
- Articulate various forms of energy.
- Discuss various careers that result with the study of physics.
- Discuss physical factors that may influence the roller coaster design process.
- Discuss the utilization of pneumatics and magnets in relation to roller coaster lift systems.