

UCF SUMMER CAMP PROGRAMS





**UCF IS PROUD TO OFFER A
VARIETY OF ENRICHMENT
CAMPS FOR MIDDLE AND HIGH
SCHOOL STUDENTS THROUGH
THE COLLEGES LISTED BELOW:**

- College of Sciences
- College of Medicine
- College of Optics and Photonics
- College of Performing Arts

2026

UNIVERSITY OF CENTRAL FLORIDA

COLLEGE OF MEDICINE

HEALTH LEADERS SUMMER ACADEMY

MEDICAL SUMMER CAMP



JULY 13-17



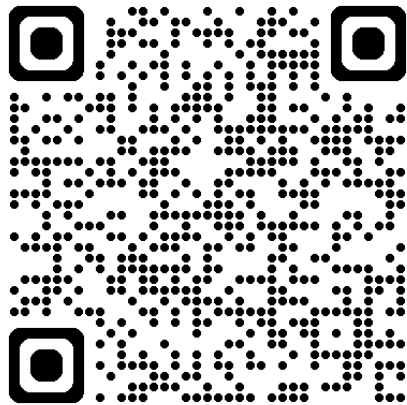
Scan the QR code
to the Application

HLSA
Health Leaders
Summer Academy

Mathematical Exploration Summer Institute

College of Sciences - Mathematics

The Mathematical Exploration Summer Institute is a one-week day program for high school students who are interested in mathematical exploration that goes beyond the high school curriculum. The program will offer hands-on activities, group work, and lectures given by local professors at UCF. Participants will learn about exciting mathematics, discovering new arguments, and explaining insights to their peers. Throughout the program, not only will you engage in deep exploration of mathematics and develop as a mathematician, but you will be immersed in a community of others who share your mathematical talent and curiosity.



Mathematical Exploration Overview - SI@UCF - UCF
SI@UCF



Mathematical Exploration

July 21-25
UCF Main Campus
9:00 AM - 4:30 PM

The Math Summer Institute is a one-week day program for high school students who are interested in mathematical exploration that goes beyond the high school curriculum.

WHAT WILL I BE DOING?

The program will offer hands-on activities, group work, and lectures given by local professors at UCF. Participants will learn about exciting mathematics, discovering new arguments, and explaining insights to their peers. Throughout the program, not only will you engage in deep exploration of mathematics and develop as a mathematician, but you will be immersed in a community of others who share your mathematical talent and curiosity.

Rising 11th-12th grade students may apply



For More Information and to Apply
siucf.cs.ucf.edu

Early applications are due April 4 and must include the online application, school recommendation with official transcript, and teacher recommendation.



Competitive Programming

July 13-25
UCF Main Campus
Residential Program

The competitive programming summer institute is an intensive two-week program for gifted and high-achieving students who have a background in computer science with an interest in algorithms and programming competitions.

WHAT WILL I BE DOING?

The program offers lectures on data structures and algorithms commonly seen in competitions. Students will compete in practice competitions, review the problems in those competitions and receive personalized coaching from members of UCF's acclaimed programming team. The camp is specifically designed to help students improve their performance in contests such as USACO, CodeForces and eventually the ACM International Collegiate Programming Contest (ICPC).

THE UCF PROGRAMMING TEAM

For the past 42 years, UCF teams have placed in the Top 3 in the ICPC Southeast Regional Programming Contest, most recently winning the 2024 competition. UCF's record is unmatched by any other school in the region and includes a record-holding 24 times in first place.

After the UCF team won the 2018 U.S. National Championship, they continued to show their dominance on the world stage by finishing no. 10 overall in the 2018 World Championships. UCF extended their long tradition of competitive programming excellence by finishing as the third best U.S. school at the 2023 World Championships.

Online application opens in February

Students currently enrolled in 9th-12th grade may apply



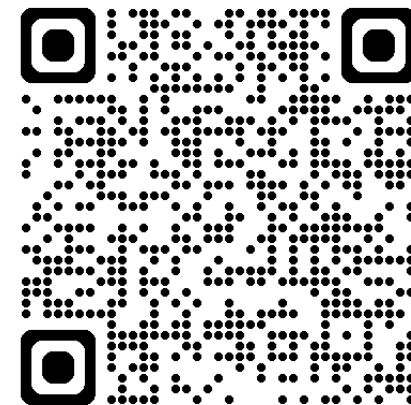
For More Information and to Apply
siucf.cs.ucf.edu

Early applications are due March 28 and must include the online application, school recommendation with official transcript, and teacher recommendation.

Competitive Programming Summer Institute

College of Sciences – Computer Science

The Summer Institute is an intensive two-week residential program for gifted and high-achieving students who have a background in Computer Science with an interest in algorithms and programming competitions. The program offers lectures on data structures and algorithms commonly seen in competitions, several practice competitions, problem reviews of those competitions, and personalized coaching from coaches and members of UCF's acclaimed Programming Team. The camp is specifically designed to help students improve their performance in contests such as USACO, TopCoder, CodeForces, and eventually the ICPC.



Competitive Programming Overview - SI@UCF - UCF
SI@UCF

Computer Science Summer Institute

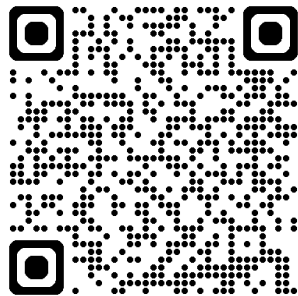
College of Sciences – Computer Sciences

The Summer Institute is an intensive three-week program for students who have interest in learning the foundations of computer science and computer technology. The program offers a mix of activities designed to maximize learning through interactive, individualized instruction with outstanding instructors. It is also designed to expose students to broader topics in computer science through the distinguished lectures series where researchers speak about computing from pragmatic and academic points of view.

Program Dates: July 27-31, 2026

Program Cost: \$275

<https://siucf.cs.ucf.edu/applications/>



Computer Science Overview - SI@UCF - UCF SI@UCF



Computer Science

June 9-27
UCF Main Campus
9:00 AM - 5:00 PM

The Computer Science Institute is an intensive three-week program for students who have an interest in learning the foundations of computer science and computer technology.

WHAT WILL I BE DOING?

The program offers a mix of activities designed to maximize learning through hands-on, individualized instruction with outstanding UCF instructors. Students will learn how to program in a traditional environment and apply those general skills to design their own computer games. Additionally, the program offers a distinguished lecture series where researchers and programmers speak about the applications of computing.

COURSES OFFERED:

- Level 1: Beginner Programming and Game Design (Python)
- Level 2: Introduction to Programming and Game Design with Algebra (Python)
- Level 3: Introduction to Competitive Programming

Online application opens in February
Rising 8th - 12th grade students may apply



For More Information and to Apply
siucf.cs.ucf.edu

Early applications are due March 28 and must include the online application, school recommendation with official transcript, and teacher recommendation.

AI, robotics, and entrepreneurship eligibility

applicants must be enrolled in grades 8-11 at the time of application and be a minimum of age 13 by the start of the institute. Students should have an interest in AI, robotics, entrepreneurship, and a desire to solve societal challenges. Applicants will be selected based on a combination of their application responses, high school GPA, and teacher recommendation. A maximum of 35 students will be accepted.

Computer science eligibility

applicants must currently be enrolled in grades 7-11 (minimum age 13 when the institute begins) and they must show interest in computer science and mathematics. Algebra I (or equivalent) is the preferred mathematics prerequisite for the programming and computer science curriculum at SI @ UCF. Applicants will be selected based on a combination of their current school transcript, teacher recommendations, and standardized test scores (PSAT, SAT or ACT). The successful applicant will have maintained a 3.0 average or above, will have shown strong performance in mathematics courses, and will have a strong recommendation from a computer science or mathematics teacher or guidance counselor. Note that prior knowledge of computer science is **NOT** a prerequisite depending on level applying for. Only a very limited number of applicants (up to 35) will be accepted.

Mathematical exploration eligibility

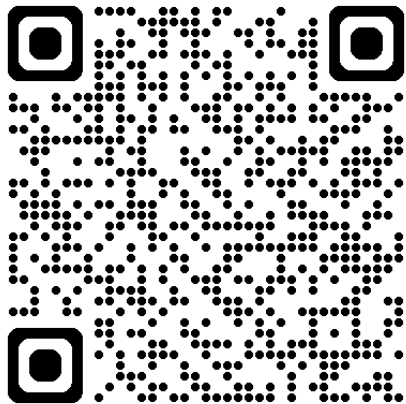
eligible applicants must be enrolled in grades 10 and 11 (entering grades 11 and 12) at the time of application. Applicants must also show an interest in mathematics and extracurricular activities. Algebra 2 (or equivalent) is the preferred prerequisite for the mathematical exploration program at SI @ UCF. Applicants will be selected based on a combination of their application responses, high school GPA, and teacher recommendation. The successful applicant must have a minimum GPA of 3.0 on their most recent report card, demonstrate an elevated interest in mathematics, and have a strong recommendation from a recent teacher who can address your mathematical abilities and accomplishments. Students must be 15 years of age at the start of the program. A maximum of 20 students will be accepted.

PROGRAM ELIGIBILITY REQUIREMENTS

Camp Connect

College of Sciences

Camp Connect is a week-long day camp that introduces students to a variety of engineering disciplines such as Electrical, Computer, Industrial, Mechanical, Aerospace, Civil, Environmental, Construction, and Computer Science. Students participate in activities, informative presentations, and exciting lab tours while getting a chance to meet our wonderful faculty and students. The Center for Initiatives in STEM is thrilled to offer 3 unique programs: Camp Connect I, Camp Connect II, and Camp Connect Advanced!



Camp Connect – UCF STEM

**UNIVERSITY OF CENTRAL FLORIDA**



**UCF CAMP
CONNECT 2025**

Computer Science & Engineering
June 23-27
L3Harris Engineering Center (HEC) 101
9:00 AM - 4:30 PM



Camp Connect is a week-long day camp that introduces students to various disciplines in engineering and computer science. Students participate in hands-on activities, informative presentations and exciting lab tours while getting a chance to see the UCF campus and engage with our faculty and students.

AREAS OF STUDY:

- Civil, Environmental and Construction Engineering
- Computer Science
- Electrical and Computer Engineering
- Industrial Engineering and Management Systems
- Materials Science and Engineering
- Mechanical and Aerospace Engineering



Additional Camp Connect Programs:
Camp Connect II, July 7-11
For students who have previously completed Camp Connect I. Invitation only.

Camp Connect Advanced, June 9-13
For rising 10th-12th grade students looking for an in-depth, team-oriented experience.

Online application opens in March
Rising 8th-11th grade students may apply

For More information and to Apply:
stem.ucf.edu/camp-connect

When: June 22-26, 2026

- **June 22:** Student sign-in will begin at 8:00am with the Student Welcome beginning at 8:30am. The day will end at 4:30pm.
- **June 23 – 26:** Student sign-in will begin at 8:30am with the camp starting at 9:00am. The day will end at 4:30pm.
- Please note that we do not offer early drop-off or late pick-up options. Students **MUST** be picked up by 4:30pm.

Where: L3Harris Engineering Center (HEC) 101 on the UCF Main Campus

All communications will be sent to accepted participants via email. Please be sure you allow emails from STEM@ucf.edu.

The cost for Camp Connect I is **\$200** and includes lunch, a backpack, t-shirt to be worn daily, and materials for all activities. A \$75 non-refundable deposit is required to hold each student's seat once accepted into the program. Additional details regarding payment will be provided in the email invitation.

Scholarships are available to students who establish need as defined by the university. Students requesting scholarship assistance should contact the program coordinator for more details.

Important Dates (Subject to change – please check back for updates):

- **March 2, 2026:** Online application window opens. Note: The application includes short-response questions that must be answered by the student applicant.
- **March 30, 2026:** First round of invitations to be sent by the end of the day; Additional invitations to be sent every two weeks until all seats are filled
- **May 1, 2026:** Online application closes (may close early if camp is full)
- **June 5, 2026:** Final payment and waivers due
- **June 22, 2026:** Camp Connect I begins!

**Apply for
Camp Connect I**



UNIVERSITY OF CENTRAL FLORIDA

**UCF GLAMPING
2025**

Girls Leading and Making Program

June 2-6
UCF Main Campus
9:00AM - 4:30PM

Calling all middle schoolers! Do you love STEM? Do you crave creativity? Do you aspire to be a problem-solver? Join us this summer as we unleash our creative STEM minds and dive into the world of making and engineering. From 3D printing to aerospace and beyond, Glampers will tackle some of the grand engineering challenges we are facing today while learning skills that will help them be the STEM leaders of tomorrow.

This camp is a joint venture by the Center for Initiatives in STEM and the SLAM (Science Leadership and Mentoring) Program.

Online application opens in March
Rising 6th and 7th grade students
may apply

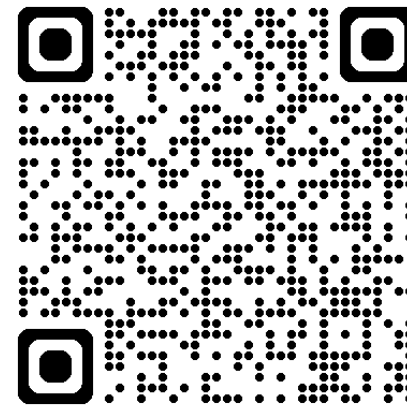


For More Information and to Apply:
stem.ucf.edu/glamping

GLAMPing Camp

College of Sciences

GLAMPing (Girls Leading and Making Program) is a week-long day camp for incoming 6th and 7th graders that is designed to promote future careers and leadership in science and engineering.



GLAMPing Camp

RIISING 6TH AND 7TH GRADERS

WHEN:

JULY 20TH – 24TH, 2026

GLAMPING IS A WEEKLONG DAY CAMP THAT RUNS FROM 9:00AM – 4:30PM.

STUDENT SIGN-IN WILL BEGIN EACH DAY AT 8:30AM. CAMP ENDS EACH DAY AT 4:30PM.

MARCH 4, 2026: ONLINE APPLICATION WINDOW OPENS AT 9:00AM. NOTE: THE APPLICATION INCLUDES A SHORT-RESPONSE QUESTION THAT MUST BE ANSWERED BY THE STUDENT APPLICANT.

MARCH 23, 2026: FIRST ROUND OF INVITATIONS TO BE SENT BY 5:00PM. ADDITIONAL INVITATIONS TO BE SENT EVERY TWO WEEKS UNTIL ALL SEATS ARE FILLED.

JUNE 1, 2026: FINAL PAYMENT AND PROGRAM WAIVERS DUE

JULY 20, 2026: GLAMPING BEGINS!

FOR ADDITIONAL QUESTIONS, PLEASE CONTACT STEM@UCF.EDU OR 407-823-6230. CLICK [HERE](#) FOR INFORMATION ON ALL OF OUR SUMMER PROGRAMS.

GLAMPING CAMP 2026



CREOL, The College of Optics and
Photonics

ABOUT ACADEMICS RESEARCH PARTNERSHIPS PEOPLE GIVE

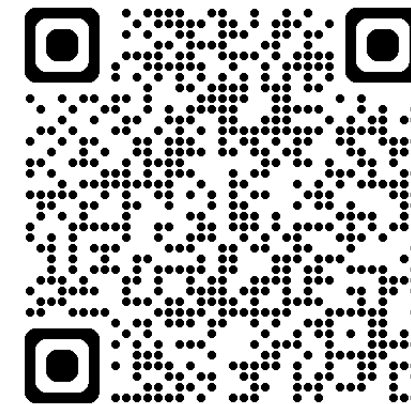
2025 Laser & Photonics Summer Camp

Laser & Photonics Summer Camp

College of Optics and Photonics

Lasers. Autonomous Vehicles. Video Game Displays. Medical Imaging. Fiber Optics. The Internet.

Photonics makes these things, and much more, possible. CREOL, The College of Optics and Photonics at UCF, provides hands-on experience as students explore this exciting field of science. This camp is for high school students who are interested in physics and/or engineering and want to learn more about creating the future using light.



Laser & Photonics Summer Camp – CREOL, The College of Optics and Photonics

REGISTRATION IS NOW OPEN

SELECT THE WEEK BELOW THAT WORKS BEST FOR YOU. EACH WEEK HAS THE SAME ACTIVITIES.

JULY 6-10

REGISTER FOR JULY 6-10

JULY 13-17

REGISTER FOR JULY 13-17

JULY 20-24

REGISTER FOR JULY 20-24

JOIN MAILING LIST

WE WILL NOT DISTRIBUTE YOUR NAME OR EMAIL ADDRESS AND WILL NOT BE GIVEN TO ANYONE OUTSIDE OF THE COLLEGE OF OPTICS AND PHOTONICS.

SUMMER CAMP REGISTRATION FEE

EARLY BIRD REGISTRATION \$550

UNTIL APRIL 30, 2026 (SAVE \$100)

REGULAR REGISTRATION \$650

MAY 1 - JUNE 15, 2026

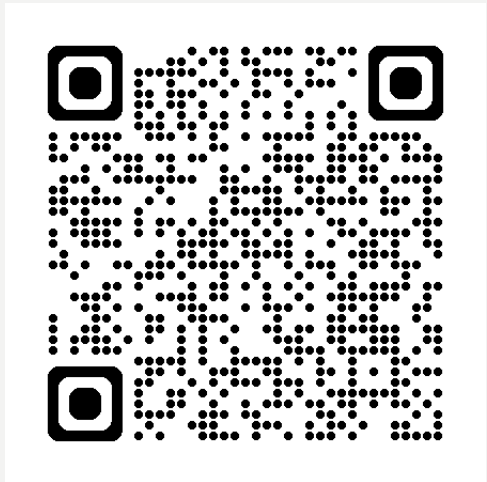
FEES: WE ARE INCLUDING 10% CREDIT CARD PROCESSING FEE IN THIS COST. IF YOU NEED A REFUND, ALL BUT 10% CAN BE REFUNDED UNTIL JUNE 15. AFTER JUNE 16, NO REFUNDS WILL BE PROVIDED.



Health Leaders Summer Academy

College of Medicine

We are delighted to offer the Health Leaders Summer Academy (HLSA). This program is a hands-on, educational summer experience for high school students that have a strong passion for pursuing a career in medicine. The goal of the HLSA is to support students, particularly those from low-income high schools and communities, and those who will be the 1st generation in their family to go to college. The program supports students to achieve their future educational goals in their areas of interest and connect with healthcare providers from a broad range of backgrounds and specialties. The program will present opportunities to learn about health-centered education tracks and programs at UCF, tour various university campuses and facilities, and engage in hands-on clinical activities designed to increase interest and awareness in the health professional workforce.



Pathway Programs (Undergrad and High School) - College of Medicine

A vibrant promotional poster for the Health Leaders Summer Academy (HLSA) 2025. The background is black with a large, glowing meteor streaking across the top right and numerous white starbursts. In the top left corner is the UCF logo. The year '2025' is prominently displayed in large white font. Below it, 'Health Leaders Summer Academy' is written in bold yellow font, followed by the dates 'JULY 14-18, 2025' in white. A central yellow rectangular box contains the text 'HLSA Health Leaders Summer Academy' in bold black font, with 'UNIVERSITY OF CENTRAL FLORIDA COLLEGE OF MEDICINE' and 'Office for Access, Belonging & Community Engagement' in smaller black text below. To the right of this box are three circular inset photos: the top one shows a student with a leg cast being attended to, the middle one shows two students looking at a tablet in a clinical setting, and the bottom one shows a student performing a medical procedure on a mannequin. At the bottom, the phrase 'Go Knights!' is written in a large, flowing yellow script. Below this, the text 'Scan here for more details' and 'Applications open early March' is written in yellow. A second QR code is located in the bottom right corner.

K-12 Programs

High School Students: Health Leaders Summer Academy July 13-17, 2026

Registration is now open for 2026!

Thank you for your interest in the annual University of Central Florida (UCF) College of Medicine (COM) Health Leaders Summer Academy (HLSA). Active planning for the HLSA starts at the end of February.

Academy Dates: **Monday July 13 – Friday July 17, 2026**

We are delighted to offer the Health Leaders Summer Academy (HLSA). This program is a hands-on, educational summer experience for high school students that have a strong passion for pursuing a career in medicine. The goal of the HLSA is to support students, particularly those from low-income high schools and communities, and those who will be the 1st generation in their family to go to college. The program supports students to achieve their future educational goals in their areas of interest and connect with healthcare providers from a broad range of backgrounds and specialties. The program will present opportunities to learn about health-centered education tracks and programs at UCF, tour various university campuses and facilities, and engage in hands-on clinical activities designed to increase interest and awareness in the health professional workforce.

Priority will be given to students who will attend all 5 days.

Eligible students are entering grades **10, 11, or 12** and academically secure with a **minimum 3.0** “unweighted” grade point average (GPA) or better.



ALL-STATE PREPARATION CLINIC

SATURDAY, AUGUST 24, 2024 • [CAH.UCF.EDU/PERFORMINGARTS/ALL-STATE](https://cah.ucf.edu/performingarts/all-state)

UCF's All-State Preparation Clinic offers in-person sessions and resources designed to help students prepare for the **Florida Music Educators' Association 2024-25 All-State Band, Orchestra and Jazz Band** auditions.

Levels and Ensembles

- **7-8 Grade**
All-State Middle School Band and Orchestra
- **9-10 Grade**
All-State Concert Band and Orchestra
- **11-12 Grade**
All-State Symphonic Band and Orchestra

See the full schedule on the back →

Register

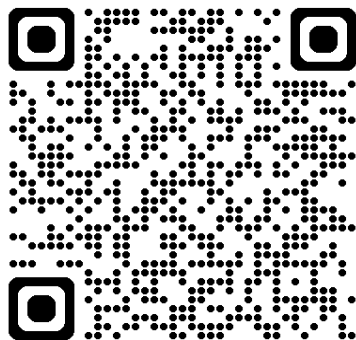
Registration for the UCF All-State Preparation Clinic is Free! All middle and high school band and orchestra students in the state of Florida are welcome.

Scan the QR Code and click "register for the event" to reserve your spot for this year's clinic.

Questions? Contact allstate@ucf.edu

Event Details

- The goal of our 2024 All-State Prep Clinic is to help middle and high school students prepare for a successful All-State audition.
- UCF applied music faculty and guest educators will offer clinics on FBA and FOA All-State audition requirements and strategies.
- Emphasis will be placed on All-State exercise preparation, tone production, technique development, scales, sight-reading strategies, and audition readiness.



All-State Preparation Clinic

College of Performing Arts



ALL-STATE PREPARATION CLINIC

Saturday, August 24, 2024

UCF's All-State Prep Clinic offers a clinic and digital resources designed to help prepare for the **Florida Music Educators' Association 2024-25 All-State Band, Orchestra, and Jazz Band** auditions.

[All-State Preparation Clinic - UCF School of Performing Arts](https://cah.ucf.edu/performingarts/all-state)



SUMMER 2026 DATES:

CONDUCTING SYMPOSIUM JUNE 13, 2026

[HTTPS://CAH.UCF.EDU/PERFORMINGARTS/CONDUCTING-SYMPOSIUM/](https://cah.ucf.edu/performingarts/conducting-symposium/)

CLARINET BOOTCAMP JUNE 12-14, 2026

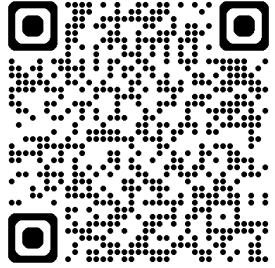
[HTTPS://CAH.UCF.EDU/PERFORMINGARTS/CLARINET-BOOT-CAMP/](https://cah.ucf.edu/performingarts/clarinet-boot-camp/)

FLUTE CAMP

JUNE 12-14, 2026

[HTTPS://CAH.UCF.EDU/PERFORMINGARTS/CLARINET-BOOT-CAMP/](https://cah.ucf.edu/performingarts/clarinet-boot-camp/)

Flute Boot Camp - UCF School of Performing Arts

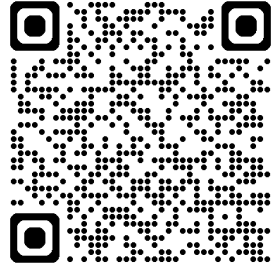


FLUTE BOOT CAMP

June 13–15, 2025

UCF's Flute Boot Camp is a three-day, intensive program designed to educate and inspire young flutists. In addition to the daily curriculum, guest artists will conduct classes.

Clarinet Boot Camp – UCF School of Performing Arts

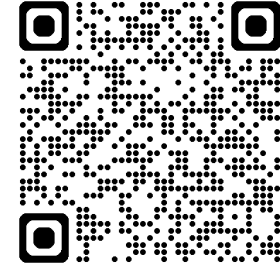


CLARINET BOOT CAMP

June 13–15, 2025

UCF's Flute Boot Camp is a three-day, intensive program designed to educate and inspire young flutists. In addition to the daily curriculum, guest artists will conduct classes.

Summer Flute & Piccolo Institute - UCF School of Performing Arts



SUMMER FLUTE & PICCOLO INSTITUTE

June 16–20, 2025

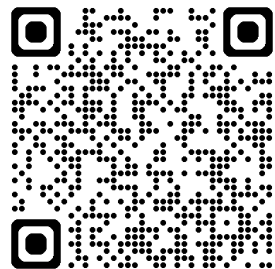
UCF's Summer Flute & Piccolo Institute is a one-week intensive program for middle- and high-school students designed to educate and inspire young flutists.



PERCUSSION SUMMER INSTITUTE

June 22-28, 2025

UCF's Percussion Summer Institute offers a unique opportunity to study closely with UCF percussion faculty members and guest artists.



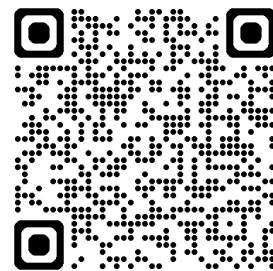
Percussion Summer Institute -
UCF School of Performing Arts



MIDDLE SCHOOL BRASS CAMP

July 7-9, 2025

UCF Brass Camp is a four-day program, recommended for intermediate to advanced students, designed to educate and inspire young brass players. The curriculum will focus on the important aspects of brass technique and musicianship in performance.



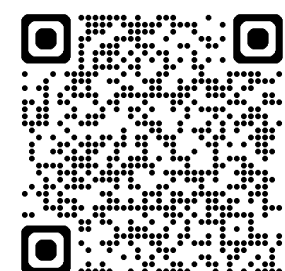
Middle School Brass Camp -
UCF School of Performing Arts



HIGH SCHOOL BRASS CAMP

July 10-12, 2025

UCF Brass Camp is a four-day program, recommended for intermediate to advanced students, designed to educate and inspire young brass players. The curriculum will focus on the important aspects of brass technique and musicianship in performance.



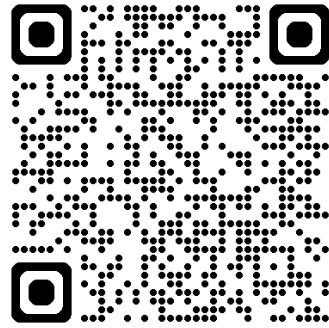
High School Brass Camp -
UCF School of Performing
Arts



MIDDLE SCHOOL CHORAL ALL-STATE PREP CAMP

July 13-17, 2025

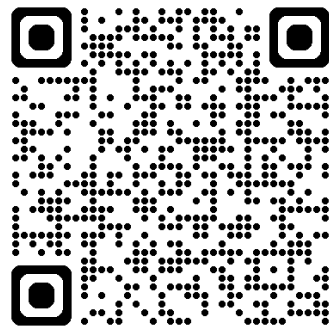
This five-day summer camp offered by the Orlando Choral Society in partnership with the University of Central Florida, is designed to prepare them for the Florida Music Educators' Association (FMEA) All-State auditions and performances.



HIGH SCHOOL CHORAL ALL- STATE PREP CAMP

July 20-24, 2025

This five-day summer camp offered by the Orlando Choral Society in partnership with the University of Central Florida, is designed to prepare them for the Florida Music Educators' Association (FMEA) All-State auditions and performances.



Middle School Choral All-State Prep Camp -
UCF School of Performing Arts

High School Choral All-State Prep Camp
- UCF School of Performing Arts