Making Summer Count

June 6–July 22

crdg.hawaii.edu/summer
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CALENDAR
Course Start and End Dates

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ABOUT CRDG SUMMER PROGRAMS

CRDG Summer Programs at the University of Hawai‘i at Mānoa continues our 50 year commitment to summer education, exploration, and adventure through our internationally recognized program for students entering grades 1–12. In a variety of courses designed for curious young minds, students are immersed in hands-on STEAM activities, like building and programming robots, designing rollercoasters from recyclables, or competing to build the best catapult. Art, animation, drama, and journalism courses combine fun and creativity to cultivate students' imaginations. Pending health and safety guidelines, field trips will take students beyond the classroom where student scientists will build research techniques at labs and natural sites or aspiring journalists can meet working professionals. Join us in fun-filled learning!

Inquiry-based instruction and hands-on learning in the classroom, laboratory, field, studio, and theatre are the cornerstones of our program. Classes are led by qualified teachers and teacher-assistants to ensure a safe learning environment where students immerse themselves in activities designed for curious young minds.

Interim Director of CRDG.......................... Dr. Linda Venenciano

Administrative Staff

Program Director.................................................. Dean Lodes
Program Manager............................................... Alycia Fujii
Marketing Coordinator................................. Nicole Gannet
Student Services Coordinator...................... Dayna Kitamura
On-Campus Program

Welcome back to campus!
All classes meet on the University Laboratory School campus.
Supervised areas will be available from 7:30 a.m. to 5:30 p.m.

*New* Meal Plans

We are pleased to announce the launch of our breakfast and lunch service provided through Lanakila Kitchens. Thanks to subsidies provided by the USDA's Summer Food Service Program we are able to offer healthy meals to our students at reduced prices. Meal plans include a daily meal for all 5 weeks of Core Programs. See our website for pricing and details.

Daily Breakfast/Morning Snack:
A small bagged meal for breakfast or morning snack, such as yogurt and granola, half a sandwich or wrap, or fruit and graham crackers.

Daily Hot Lunch:
A balanced lunch and beverage, such as spaghetti, salisbury steak, or teriyaki chicken along with a starch, vegetable, fruit, and milk or juice.

Food Allergies: If your child has food allergies, appropriate meals can be provided with a doctor’s note. Lanakila Kitchens is not able to accommodate severe nut allergies as all food is prepared in a facility that handles nuts.

Full day students who do not purchase the lunch program must bring a home lunch daily. Students will not be allowed off-campus to purchase lunch.
**Covid Policy**

All registered families must adhere to the Summer Programs COVID-19 safety guidelines. Our policies follow the University of Hawai‘i requirements and the recommendations from the CDC.

**Vaccination Requirement**

All students 5 and older must be fully vaccinated for Covid-19 by the first day of class. You may apply for medical or religious exemptions. If your exemption is approved, students must submit a weekly negative Covid test.

**On-Campus Covid Safety**

These policies are subject to change depending on the current federal and state laws and CDC guidelines. More information will be available in the Student Handbook.

- Properly fitting masks must be worn at all times while on campus except when actively eating.
- Only registered students, program faculty and staff, and approved guest speakers will be allowed in the classrooms and program areas.
- Students who display any signs of illness will be isolated in our health room and must be picked up immediately.
- Students who test positive or are identified as a close contact will not be allowed back to class until they clear the current quarantine requirements.
- By enrolling in Summer Programs, you grant us authority to take your child's temperature at our discretion.
REGISTRATION AND PAYMENT

Registration Schedule

Registration and full payment must be received by the deadlines to receive discounts or avoid fees.

**March 27:** Last day for Early Registration ($50 discount—restrictions apply*)

**March 28-May 1:** General Registration

**May 1:** Refund Deadline for Core Programs, Online Programs, and Driver’s Education

**May 2:** Late Registration begins ($50 late fee)

**June 22:** Refund Deadline for Summer Adventures

Tuition

**CORE PROGRAMS — June 6–July 8 (5 weeks)**

- Morning program (8:00–11:45 am) ...........................................$785
- Afternoon program (12:30–3:15 pm) ................................. $755
- Full-day program (one Morning class and one Afternoon class) ... $1,500
- Meal Plan: Breakfast/AM Snack for 5 weeks .......................... $50
- Meal Plan: Hot Lunch for 5 weeks ........................................ $100

**SPECIAL PROGRAMS — DRIVER’S EDUCATION**

- Classroom Instruction — June 6–20 (8:30–11:30 am) ................. *$300

**SUMMER ADVENTURES (8:00 am–3:15 pm)**

- Option A — July 11–15 (8:00 am–3:15 pm) .............................. $550
- Option B — July 18–22 (8:00 am–3:15 pm) .............................. $550

**AFTER-SCHOOL PROGRAM**

- June 6–July 22 (3:15-5:30 pm) ............................................ $120 per week

*NOTE: The early registration discount does not apply to Driver’s Education.*
How To Register

- Visit our website at crdg.hawaii.edu/summer to view our course listing and submit a registration.
- Submit a separate registration for each student.
- Registration is not confirmed until full payment is received.

For credit card payments, payment confirmation will be automatically emailed.

For check payments, we will only email you if your payment is declined. Course spots will be held for 14 days after notification of failed payment.

Program confirmations will be sent via email once your registration has been processed (this may take up to a week.) Specific information, including the student handbook and supply lists, will be sent in May.

Course Information and Grade Levels

- There are no prerequisites for any of our classes.
- Course offerings, times, and descriptions are subject to change. Please visit our website for the most up-to-date information (crdg.hawaii.edu/summer).
- Grade levels indicate the grade students will enter in fall. A grade 4 course is for students who completed grade 3 and will enter grade 4.
- Grade levels are suggestions to help parents select appropriate courses. Course topics will be targeted to the grades indicated, but students may sign up for any class as long as they are able to keep up with the activities and are socially prepared to be with students who are not their age.
Discounts & Promotions

**Early Registration discount** Register by March 27 and receive $50 off new registrations. Registration and full payment must be received by the deadline to qualify. Discount does not apply to Driver's Education.

**University of Hawai'i Employee Discount** Enter your UH ID number and the discount code SP22UH to receive $50 off a full-day Core Program registration (one discount per student).
This discount cannot be combined with other group discounts.

**Sibling Discount** Enter the code SP22SAVE to receive $50 off a full-day tuition for any additional children from the same household.

**Refer a Friend** Share the referral link that is shown on your account page with your friends and family. If we receive a registration using your referral link, you will receive a Summer Programs gift pack valued at $30 that includes a waterproof bag and a Summer Programs t-shirt.

**Closed (Full) Classes**
If a course is full, you will be contacted by email and allowed to switch to any open course. If a suitable class is not available, you are eligible to receive a full refund (see Refund Policy). You may request to be waitlisted for a closed course. If space opens, we will notify the wait list in the order received.

**Cancellations**
A class may be canceled for any reason (low enrollment, scheduling issues, Covid restrictions, etc.). Low enrollment decisions will be made at the end of General Registration. If your course is canceled, you will be contacted by email.
and allowed to switch to any open course. If a suitable class is not available, you are eligible to receive a full refund (see Refund Policy).

Refund Policy

See Registration Schedule for deadlines.
Withdrawal requests received by the deadline are eligible for a refund of your paid tuition less an administrative fee of $50 (per child, per cancellation request). Full refunds will only be given for closed or canceled courses (see Cancellations).
Submit a completed WH-1 tax form by the last day of Summer Programs (July 22, 2022). As a state agency, CRDG requires a completed WH-1 tax form to process all refunds.

NO REFUNDS issued for withdrawals after the refund deadline or if your WH-1 form is not received before the last day of the program.
CORE MORNING PROGRAMS

JUNE 6–JULY 8
8:00–11:45 AM
Hawaii Nature Study Program: Observers

Hawaii Nature Study Program: Observers
Through activities from CRDG’s Hawai’i Nature Study program, Hawai’i’s outdoor environment becomes the students’ classroom and laboratory. Students will explore the world of plants, insects, small animals, and Hawai’i’s reef and shore. Investigations into different organisms will follow their life cycles, test their responses to various stimuli, observe their different behaviors, learn what places them in different groups, and determine what foods or nutrients they require. The learning experience is enriched through the integration of art, group projects, and games. If permissible this year, field trips will explore tide pools, gardens, streams, and laboratories.

Explorations in STEM: Discovery

Explorations in STEM: Discovery
In this interactive class students will expand their interest in science, technology, engineering, and mathematics. Students will apply skills and ideas from each discipline to fun, hands-on projects such as exploring chemical properties in play dough, designing and testing ovens powered by solar energy, constructing simple water filtration systems, and more.
Summer Games: Let’s Play Sports

GR 1–3

By incorporating active play and good sportsmanship, Summer Games fosters a healthy learning environment for young athletes. Participants will learn the fundamentals of different sports such as soccer, basketball, flag games, scooter games, and tennis (actual sports covered may vary). Students will also participate in games, activities, and challenges to improve their coordination and ability, develop their confidence, and practice teamwork. This course prioritizes safety and requires appropriate dress (shorts, t-shirts, and sport shoes, such as athletic or jogging shoes). Sunscreen recommended.

Hawaii Nature Study Program: Explorers

GR 3–5

Through activities from CRDG’s Hawai’i Nature Study program, Hawai’i’s outdoor environment becomes the students’ classroom and laboratory. Students will explore the world of plants, insects, small animals, and Hawai’i’s reef and shore. Investigations into different organisms will follow their life cycles, test their responses to various stimuli, observe their different behaviors, learn what places them in different groups, and determine what foods or nutrients they require. The learning experience is enriched through the integration of art, group projects, and games. If permissible this year, field trips will explore tide pools, gardens, streams, and laboratories.

Students do not need to have taken previous courses to enroll.
Story Art, Smart Art, Let’s Get ARTed

Want to become a better writer or artist? Why not both? In this course, students will develop their writing and art skills. Students will start by writing grade level appropriate stories, from simple sentences to creative tales. We will then use art mediums such as markers, pastels, and watercolors to illustrate our very own books. Let your imagination take you to another world...the world of ART!

Drama: Sharing Stories: Exploring Performance and Play

In this fun, introductory drama course, students experience the confidence- and team-building processes of improvisational theatre. Students will work together to craft a performance that weaves together the shared experiences and emotions they have dealt with over the past few years. Students will engage in simple theatre games and improvisation exercises to refresh social skills, heighten emotional intelligence and refine communication techniques. Additionally students will also learn stage directions and theatrical performance techniques, hone characterizations and character relations, and utilize concentration and focus in rehearsals. At the culmination of the program, students will present a performance for staff, faculty, fellow students, family, and friends.
**Exploration in Mixed Media: Creator Space Advanced**  
*GR 4–7*

Creator Space Advanced is geared towards students who enjoy creating art by hand. This studio class builds on pre-existing student knowledge and is collaborative and project-driven. Individual pieces will be inspired by weekly prompts and demonstrations where we will use a variety of techniques and materials. This studio environment is designed to support and inspire our artists.

**Animation Studio: Stop Motion Animation**  
*GR 4–8*

Learn the basics of animation in this hands-on media class. In our beginning animation studio, students will work together in groups to become storytellers and animators as they learn the fundamental principles of animation. Students will be introduced to photography and storytelling techniques as they create stop motion animation projects using a variety of materials, including Lego, clay, drawings, and more. Projects are compiled on the computer, where students create their own high-definition movies complete with music, dialogue, and sound effects.
Little Journalists

Experience what it’s like to be a working journalist in this collaborative, hands-on course. Students will develop critical research skills by conducting interviews, gathering information, and examining a wide range of sources. Over the course of the program, they will become young journalists—writing articles and captions, capturing interesting and informative photographs, creating layouts, and, most importantly, meeting deadlines. Using all of their newly acquired skills, students will produce a weekly digital newsletter for distribution to every Summer Programs family and teacher. Students do not need to have taken previous courses to enroll.

Hawaii Nature Study Program: Researchers

Through activities from CRDG’s Hawai’i Nature Study program, Hawai’i’s outdoor environment becomes the students’ classroom and laboratory. Students will explore the world of plants, insects, small animals, and Hawai’i’s reef and shore. Investigations into different organisms will follow their life cycles, test their responses to various stimuli, observe their different behaviors, learn what places them in different groups, and determine what foods or nutrients they require. The learning experience is enriched through the integration of art, group projects and games. If permissible this year, field trips will explore tide pools, gardens, streams, and laboratories. Students do not need to have taken previous courses to enroll.
CORE AFTERNOON PROGRAMS

JUNE 8–JULY 10
12:30–3:15 PM
**Introduction to Robotics with Lego® WeDo**

The Lego® Education WeDo 2.0 system is designed to provide young students a simple introduction to robotics and mechanical design. This course uses Lego® WeDo to allow students to explore and develop science, technology, engineering, and math, as well as language arts and social studies skills through project-based activities. Working in teams, students will use these skills to design, create, and program moving models, all while enhancing their creative and problem-solving abilities.

**Exploration in Mixed Media: Creator Space**

Creator space is a mixed media studio art class where we will explore and learn about different art elements and techniques with an emphasis on using recycled materials. Each week, we will create original art pieces built around a theme or concept. At the end of their five weeks, our young artists will have a basic understanding of the different elements of design (line, shape, color, size/scale, texture, composition, and hierarchy) and how to apply them.
In this course, students will explore the various places on Earth where things live. We will travel across the tundra and desert, through the rainforests, deciduous forests, and coniferous forests, over the grasslands, onto the reefs, and down to the deep sea to learn what can live in these places and how they adapted to such extreme environments. We will study food chains, adaptations, water and nutrient cycles as well as learning about all kinds of unique and interesting plants and animals.
Students will learn to become programmers and engineers by using the Lego Mindstorms® EV3 2.0 system to design, build, and program sensing and moving robots. By working in groups, students develop their skills in teamwork, communication, and logic to devise creative solutions to assigned challenges. No previous robotics experience is required.

In this hands-on class, students will exercise their creative minds, strengthen their engineering and communication skills, and apply STEM knowledge to real world applications. Students will be divided into teams to prepare for events related to scientific processes and thinking skills, science content knowledge, and application of science and technology. Teams will work together to solve a problem (egg drop, music makers, gummy bear catapult), or construct vehicles (planes, boats, cars) or structures (towers, bridges, etc.). At the end of each exploration phase, teams will compete to see who performs best in the challenges!
Minecraft®: A Virtual Learning Adventure

Minecraft® is one of the most popular open-world video games, providing limitless opportunity to build, discover, and problem-solve. In this interactive course, students will participate in a virtual learning adventure within the Minecraft® environment. Students will approach gameplay from a new angle, working in collaborative groups to tackle projects and learning how to think critically about their own work. Students will create themes and storylines and meet their assigned objectives. More experienced players will be encouraged to delve deeper into game design and development, modding, and level design.
Core Afternoon Programs

Robotics with VEX

Using the power of the VEX Robotics® as a base, students will design and build their own moving robots to complete a set of goals and compete head to head with other students in friendly competitions. Students will learn about engineering and engineering problem solving in an engaging, hands-on manner that will motivate and inspire them to complete each project. This class is suitable for all students with varying learning styles and levels.

No previous robotics experience is required.

Drama: Just Act – Acting Gym

Build your acting “muscles” in this acting gym! We welcome students of all abilities to practice the fundamentals of performing on stage and on film, including how to audition for roles. Emphasis will be placed on how to hold a script during a cold read, how to memorize lines and perform naturally in a prepared scene, and how to release oneself from inhibitions through improvisational exercises. In particular, students will learn how to integrate the three forms of acting: acting with one's dialogue, acting with one's facial expressions, and acting with one's body, all while having fun! As students gain performance experience, they will also gain confidence in their speaking and presentation abilities. At the culmination of the course, students will present a production for staff, faculty, fellow students, family, and friends.
SPECIAL PROGRAMS

JUNE 8–22
8:30–11:30 AM
Driver’s Education: Classroom Instruction

June 8–22, 8:30–11:30 am

Complete your 30 hours of classroom instruction in 2 weeks!

Emphasizing the techniques of defensive driving, this course equips students with the skills necessary to be a safe and sensible driver. By creating a “Skills Project Book,” students take a proactive role in learning the rules of the road, thereby aiding their development as young drivers.

This course covers only the thirty hours of classroom instruction required by state law. Students must also complete six hours of behind-the-wheel instruction separately to meet the state teen driving requirements. The instructor will discuss how to schedule behind-the-wheel hours.

We recommend that students be at least 15½ years old by the start of the class. Students do not need their driving permit to enroll in this course.
SUMMER ADVENTURES

July 11–15 • July 18–22
8:00 AM-3:15 PM

General Information

Students do not need previous experience (such as bicycle riding or swimming) to participate.

Breakfast and lunch service is not available for Summer Adventures. Students must bring their own snack(s) and lunch every day.

Session A  July 11–15 (8:00 am-3:15 pm)
Session B  July 18–22 (8:00 am-3:15 pm)

Maximum enrollment: 14 students per session
**Seekers**

Students will engage in weekly field trips and daily physical education, art projects, science experiments, and other activities focused around a central weekly theme. Through project-based learning, students will apply critical thinking, problem-solving, teamwork, and self-management skills to solve real-world scenarios.*

**Session A:** Bugs, Insects and Creepy Crawlers will focus on learning about bees, earthworms, and butterflies and include a field trip to the Honolulu Zoo.

**Session B:** Plan a Trip to Space will send students to the stars with a visit to a planetarium and activities that include painting a starry sky, bottle rockets, and space slime.

**Investigators**

Students will be part of a structured learning experience around a weekly theme. Hands-on activities will explore science, art, and social studies concepts. Depending on availability and health and safety protocols, we plan to take one or two field trips to further explore our theme. Cool off from the summer heat every Friday with water play days!

**Session A:** In the Garden will focus on gardening practices, plants of Hawai‘i, agricultural or food growing systems, as well as insects and other creatures that can be found in a garden.

**Session B:** Ocean Adventure will focus on ocean animals, coral reef systems, ocean vessel technology, as well as ocean navigation techniques.

**Challengers**

This course is designed to physically challenge students in a variety of environments and activities. Experience many of the natural hidden treasures on and around our island through a variety of vigorous physical activities and adventures. Students will explore scenic hiking trails and caves, slide down cascading waterfalls, learn to navigate with a compass, read and follow a map, and more. Students will also learn water safety skills through fun swimming, snorkeling, paddling, and diving activities.*

**Session A & B** schedule will be available in May

*Field trip locations are tentative pending covid safety and availability.
After-School Program

CRDG Summer Programs offers an after-school program for students who are enrolled in our full-day and afternoon classes.

Our after-school program engages students in a variety of fun and educational activities—outdoor competitions, indoor games, movie days, cooking, science activities, crafts, and more—all in a safe and supervised environment. Students should bring their own snacks.

IMPORTANT: Please notify the office of any food sensitivities or dietary restrictions, as sampling food may be an optional part of this program.

The program has no registration limit.
CRDG Summer Programs 2022
(on the University Laboratory School campus)

June 6–July 22, 2022

University of Hawai‘i at Mānoa
Curriculum Research & Development Group
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