

Summer Programs

During the summer, the University of Michigan offers a number of learning opportunities for youth.

From residential camps to day-long programs, from art to science to sports, summer programs offer a variety of exciting, academic and enriching options for youth. Programs allow participants to experience the University of Michigan while enjoying outstanding education in areas of interest.

Art/Music/Architecture

[ArcStart](#)

ArcStart is a three-week residential program that offers the opportunity for local high school students to experience the studio intensity of a bachelor of science degree in architecture.

[BFA Prep](#)

BFA Prep, sponsored by the U-M School of Art & Design is an intensive two-week residential program for high school freshmen, sophomores, and juniors that offers the opportunity to experience the studio intensity of a Bachelor of Fine Arts (BFA) degree curriculum.

[In the Middle](#)

In the Middle is a week-long exploration in art and design methods and materials, academic skill building, and college preparation for middle school students.

[MPulse Ann Arbor](#)

MPulse Ann Arbor provides an opportunity for high school students to gain exposure to the rigorous training provided by the U-M School of Music, Theatre & Dance in the areas of music performance, music technology, musical theatre, theater and dance.

[Portfolio Prep](#)

Sponsored by the U-M School of Art & Design, Portfolio Prep is an intensive week-long residential program for current high school freshmen, sophomores, and juniors that focuses on producing a first-rate admissions portfolio.

[STUDIO:DETROITHS](#)

STUDIO:DETROITHS is an integrated architectural immersion education and mentoring program designed for highly motivated high school students. It is a unique opportunity for interested Detroit area high school juniors and seniors to learn about and explore the possibilities of a career as an architect as well as be matched to mentors in the field.

[Summer Portfolio Day](#)

The Summer Portfolio Day program offers academically and artistically gifted high school juniors a chance to spend a half-day at the University of Michigan's School of Art & Design.

Science, Technology, Engineering, and Mathematics (STEM)

[Camp CAEN](#)

Camp CAEN is a computer camp offered by the U-M College of Engineering. Knowledgeable staff, including enthusiastic engineering student mentors, teach classes that include: Java Programming, C++ Programming, C# Programming, Game Development, Artificial Intelligence (AI), Web Site Development, Flash Animation, 3D Modeling and Rendering, and Virtual Reality.

[Camp Explorations Summer Camp](#)

Camp Explorations is an interactive program at the Exhibit Museum of Natural History that expands children's knowledge of natural history through experiments, crafts, and activities, with plenty of fun.

[Chemistry Camp](#)

Chemistry Camp is a two-week residential experience and an excellent opportunity to interact with college students, develop a better understanding of important college chemistry topics, and explore a premier research campus – The University of Michigan.

[Elementary Mathematics Laboratory \(EML\)](#)

The Elementary Mathematics Laboratory (EML) is a two-week summer mathematics program for incoming fifth-graders at the University of Michigan School of Education.

[ENGAGE - ENGINEERING for HumAnity and ServinG SociEty](#)

ENGAGE is a non-residential one-week program that provides an opportunity for students to learn about women engineers and the contributions they make to society, the engineering process and engineering problem-solving.

[Girls in Science and Engineering](#)

Girls in Science and Engineering focuses on hands-on activities that are both fun and challenging. Participants elect a Focus Project in a particular subject area to attend each morning (e.g. chemistry, computer science, engineering, human genetics, robotics). Focus Projects are planned and taught by U-M faculty, staff, and students.

[Grace Hopper Project](#)

The Grace Hopper Project is an exciting one-week non-residential program designed for students who will complete the 9th, 10th grade by June, 2010. This program is designed to encourage students to consider careers in science and engineering.

[Health and Biomedical Engineering Camp](#)

The Health and Biomedical Engineering Camp is a one-week, day program that includes hands-on projects connecting the health sciences with biomedical engineering.

[LEAD Engineering Summer Program](#)

Leadership, Education and Development (LEAD) Engineering is a three-week residential program for rising 11th grade diverse students, which places a 'real life' engineering project or challenge at the center of the students' experience.

[Michigan Introduction to Technology and Engineering \(MITE\)](#)

MITE is a residential program for rising 10th and 11th grade students. Participants will study mathematics, engineering concepts, communication skills, and academic study skills in regularly scheduled classes.

[Michigan Math and Science Scholars \(MMSS\)](#)

The Michigan Math and Science Scholars (MMSS), offered by the College of Literature, Science & the Arts, is an on-campus summer program that exposes high school students to current developments and research in the sciences and encourages the next generation of researchers and discoverers to develop and retain a love of mathematics and science.

[Middle School Science Camp](#)

The Middle School Science Camp is a two-week commuter camp that will focus on water quality testing and animals that live in water environments. Camp will include several field trips for water quality testing and observations.

[Nanocamp](#)

Learn about microelectronics, nanotechnology and more! This is a free, one day camp on nanotechnology for middle and high school students. It will include both classroom and hands-on laboratory activities, in and out of the classroom.

[RobotC for Girls and RobotC for Girls II](#)

RobotC is a one-week day program for high school students. The camp introduces students to computer programming in a fun and supportive environment. Campers program Lego Mindstorm robots using C programming language.

[Summer College Engineering Exposure Program \(SCEEP\)](#)

Summer College Engineering Exposure Program (SCEEP) is a residential program for students who will be high school seniors in the upcoming school year. It provides exposure to the University of Michigan, with a special emphasis on the College of Engineering experience.

[Summer Enrichment Program \(SEP\)](#)

Summer Enrichment Program (SEP) is a residential program for rising 8th and 9th grade students. The SEP curriculum includes mathematics, engineering concepts, communication skills, and academic study skills. Introduction to and use of various computer applications is integrated into the curriculum.

Health Professions

[Genesis EnAct](#)

EnAct is a tuition-free two week residential program offered through the University of Michigan School of Nursing to high school students entering grades 9-12 who are considered educationally disadvantaged, economically disadvantaged or underrepresented in health care.

[Summer Science Academy](#)

The Summer Science Academy is a two-week residential experience that brings together 10th and 11th grade high school students throughout Michigan to experience campus and medical school life.

[Wolverine Health Explorers \(WHE\)](#)

Wolverine Health Explorers (WHE) is a non-residential summer camp for high school students interested in gaining exposure to a number of health professions while also deepening their understanding of their own personal interests, values and skills.

Language and Culture

[Kindergarten-First Grade Starter](#)

The Kindergarten-First Grade Starter is a 5-week intensive classroom program to promote academic success in 5- and 6-year olds.

[Michigan Debate Institutes](#)

Students at the Michigan Debate Institutes are instructed by the nation's most accomplished and experienced workshop faculty. The faculty is comprised of national champion high school and college coaches and outstanding intercollegiate debaters.

[Preschool and Communication Therapy \(PACT\)](#)

PACT is a 6-week intensive program addressing the communication needs of 3- and 4- year olds who are struggling to learn language.

[Telluride Association Sophomore Seminar \(TASS\)](#)

TASS offers high school sophomores an opportunity to participate in one of two challenging six-week college-level courses in African American Studies and other fields.

Business

[LEAD](#)

The Leadership Education and Development Program in Business (LEAD) offers students a three week exposure to business concepts and careers through a variety of classroom activities and corporate visits.

Sports and Fitness

[KidsSport](#)

KidSport activities may include swimming (instructional and play), cooperative games, safety behavior, and team sports. The activities are age and developmentally appropriate, and are delivered by experts in children's physical education.

Updated

August 9, 2011

Source

U-M Center for Educational Outreach

U-M Risk Management

U-M Department of Public Safety

More Information

<http://ceo.umich.edu/index.html>

<http://www.umich.edu/~riskmgmt/>

<http://police.umich.edu/>

Prevention / Mitigation / Preparedness – Summer Programs

The following areas need to be considered and determined in the planning process for the event:

Facility Evacuation

Each Event Staff member should be assigned a specific section or area of the facility in which to assist attendees in the event of a facility evacuation.

Event Staff should not place themselves at risk during rescue. However, they should notify their supervisor of anyone requiring assistance beyond what they are capable of performing.

Using a standard facility floor plan provided to all Event Staff, identify sections of the facility by letter/number that are assigned to a specific Event Staff person. Identify the evacuation route that the staff member should use to direct attendees out of the facility.

Training Plan

All Event Staff should receive a briefing on the approved emergency action plan which includes site evacuation, fire, severe weather, medical emergencies, etc.

The Event Coordinator in Charge should ensure that during briefing the following topics have been covered in the training process:

1. Defining Event Staff roles and responsibilities, including areas of the building for which they are responsible and accountable
2. Explaining the event and the emergency action plan
3. Communication procedures and hierarchy
4. Evacuation procedures
5. Rendering emergency aid and assistance

Insurance Coverage

Public events may require the event organizer to take out Public Liability Insurance. This must be in evidence before the event takes place.

Staging or Structure

The organizer will be responsible for ensuring that all temporary structures are checked, inspected and certified by a competent person, i.e., an Associate Member of the Institute of Structural Engineers before use.

Communications

Determine how the event organizers will communicate with the Event Staff and vice/versa.

Determine how the event organizers will communicate with the public.

Include a list of persons who will have radios and what channel they can be contacted on.

Include a list of persons who are at the event location that will have access to a cellular telephone and their contact telephone numbers

Establish a tactical operations center (TOC) which will act as a coordinating effort for all management decisions made and tracking of planned activities during the event day. Examples of key people to have representation in the TOC would be emergency responders, facilities, and maintenance.

Lost/Found Persons

Determine what steps will be taken for re-uniting people who get separated. Coordinate that effort with DPS

Lost/Found Property

Determine where lost property will be taken to and if it is not reclaimed, what will happen to it.

Evacuation Plan

Describe the actions to be taken if the event location had to be partially or fully evacuated. Consider:

Who will make the decision to evacuate the public from the event location

Who will co-ordinate the evacuation (be in charge)

How will the event staff be informed and briefed of the situation

Do the event staff have specific tasks in the event of an evacuation

Which exits will the public be directed to

Where will the public be evacuated

Who will inform the emergency services

Ensure that emergency services have unhindered access into the event location.

First Aid Services

Determine who will be providing the First Aid coverage. Also, where is the first aid facility located and is it accessible to ambulances

Determine how Event Staff will contact emergency services for first aid response

Media

Determine if an incident at the event attracts media interest who will speak to the media and where the briefing would take place

Response - Summer Programs

Begin event by reviewing planned activities (i.e. staff briefing, equipment check, EAP, etc)

Conduct last minute employee training, if needed.

Conduct check of all pedestrian pathways to ensure they are not blocked which would hinder an evacuation

Check local weather website, such as <http://www.forecast.weather.gov>, to see if severe weather will affect the planned event. This will help determine what actions, if any (such as shelter-in-place), will need to be taken to ensure patron safety.

Recovery - Summer Programs

Ensure prioritization sequence has been established in which the staff and facility are restored to pre-event status.

Ensure all necessary supplies and resources are replenished quickly to anticipate the next scheduled event.