



UNIVERSITY OF CINCINNATI **SUMMER PROGRAM** TECHNOLOGY & ENTREPRENEURSHIP

JULY 10 - 28, 2017

Join the University of Cincinnati for an experience you will never forget! In just three weeks, you and fellow students will take courses in entrepreneurship, innovation, and robotics. You will also get to explore the city of Cincinnati during guided extracurricular activities.

We enrich your educational experience with guest speakers and field trips to local businesses, giving you a comprehensive look at real-world approaches.

Extracurricular activities may include:

- Taking a Riverboat Cruise on the Ohio River
- Attending a Cincinnati Red's baseball game
- Viewing the animals at the Cincinnati Zoo
- A welcome dinner & farewell dinner

Cost: \$2,000

University of 
CINCINNATI | INTERNATIONAL

WEEK 1: ENTREPRENEURSHIP

Professor Chuck Matthews

This course provides students with a foundation for enterprise creation, exploring issues like crafting a business plan, creating organizations in pursuit of your entrepreneurial objectives, effectively leading as an entrepreneur or member of a team, and evaluating new venture concepts.

WEEK 2: STICKY INNOVATION

Professor Whitney Gaskins

This course incorporates documentary film, fiction, arts-based inquiry, scientific research, and modes of reflection to design creative solutions to a known biological problem. Integrating engineering and art, students will gain experience in modes of inquiry that will develop creative research approaches, problem solving skills, and innovative habits.

WEEK 3: INTELLIGENT BIO-INSPIRED ROBOTICS

Professor Kelly Cohen

This course provides students with an introduction to bio-inspired artificial intelligence to include decision making, machine learning and optimization. The basics of fuzzy logic and genetic algorithms will be covered, including utilization of MATLAB. Students will work in groups to develop and apply MATLAB code to a set of engineering problems.