



Special Topics in Optics

Global Education & Training

2-Week Undergraduate Summer School Program

Global Education and Training (GET) would like to invite you to study at the world-class University of Illinois Urbana-Champaign. The university is consistently ranked as one of the top public universities in the United States and the world. During your two week program, you will experience the teaching methods of U.S. higher education faculty, be introduced to new ways of thinking and problem solving, and learn, first-hand, about academic life and culture at an American university campus.

GET is offering this program in partnership with faculty from the Grainger College of Engineering. The Grainger College of Engineering is a global leader in engineering education and research across every discipline. The college emphasizes cutting-edge theory coupled with high-impact engineering research and hands-on learning.

#3
program for
undergraduate
civil engineering

#6
undergraduate
engineering
program

#10
graduate
engineering
program

#15
national
U.S. public
university

#22
Center for World
University
Rankings



Classroom Study

Students will learn from top faculty at the University of Illinois Urbana-Champaign. The program offers students an introduction to optics and photonics. All courses will be in English. Students who successfully complete the program will receive a certificate of recognition. **Program participants do not receive degrees or academic credit from the university.**



Business & Cultural Visits

Students will visit the 3D MakerLab, National Center for Supercomputing Applications, Research Park, and more local area businesses who are prized for their strategies, social responsibility, and employee satisfaction. Global Education and Training staff will also plan cultural events and accompany the group on field trips to famous modern and historical attractions in Chicago and Springfield.

Program Courses & Components

Optics Coursework

The program introduces the current status and research areas of optics and photonics. This course will discuss optical communications, optical fiber technologies, imaging (bio and/or others), and optical sensors.

Teaching Assistant-Led Discussion Sessions

A University of Illinois Urbana-Champaign graduate student will lead discussions and answer questions during reading week and seminar week. Readings and discussions will further the students' knowledge and understanding of the course content.

Co-Curricular Sessions

Each program includes multiple co-curricular sessions to support student planning their overseas U.S. education. Sessions will cover: how to be a successful graduate student, intercultural communication and personal branding, and preparing for a learning outcomes showcase. **The program will also include a program orientation and the program closing ceremony.**

Student Testimonials

- “Expanded the field of vision of optical research and application, especially the explanation of optical design I found very helpful. Final group research project is the most beneficial and interesting part.”
- “I really appreciate the professor’s expertise. He is really a kind person and really an expert”
- “The course is fantastic. I really appreciate it that the course could lead us from what we’ve learned to deeper knowledge naturally.”

Submit an Interest Application

Students who would like to learn more about the program and be informed when the application period opens should complete this form: <https://go.illinois.edu/GETinterest>

Contact Global Education and Training with questions: get@illinois.edu

