Artificial Intelligence in Data Science

UNDERGRADUATE SUMMER SCHOOL (4-WEEK ONLINE PROGRAM)
JULY 19 - AUGUST 13, 2021
APPLICATION DEADLINE: MAY 31

Key Start Dates

- **July 19**: TEACHING ASSISTANT (TA) LED READING WEEK
- **July 26**: NETWORK ANALYSIS LECTURES & TA LED Q&A
- **August 2**: DATA SCIENCE CREATIVITY LECTURES & TA LED Q&A
- **August 9**: CO-CURRICULAR SESSIONS & FINAL PROJECTS

Program Fee: $1000
GROUP RATE AVAILABLE - CONSULT WITH GET

Apply Here

Program hosted by
Global Education & Training

https://www.get.illinois.edu

Online Format

Synchronous videoconference lectures, with assignments and group projects completed asynchronously.

Technology Requirements

Access to Wi-Fi and a device (computer, laptop, or tablet) suitable for participation in online videoconference sessions.
Course Topics

NETWORK ANALYSIS (10 HOURS)
Students will be introduced to fundamental theories, concepts, methods, and applications of network analysis. Students learn how to approach network analysis tasks and projects in an informed and analytical fashion. Students acquire practical hands-on skills in collecting, analyzing, and visualizing network data. At the end of the course, students will be able to critically assess network studies and to solve real-world, network-centric problems.

DATA SCIENCE CREATIVITY (10 HOURS)
Students will be introduced to Python, data visualization, visual encoding, data generation: sampling and simulation, identification, clustering, and classification, etc. Students will perform hands-on-analysis of real-world datasets to analyze and discover the impact of the data.

Co-Curricular Sessions (4 HOURS)
Enriching students' experiences by providing interactive resources for planning their overseas U.S. education.

- Virtual campus tour
- Admission requirements & graduate program introduction
- Writing a graduate school personal statement
- How to be a successful graduate student

CONTACT OUR TEAM
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