

DATA SCIENCES SUMMER INSTITUTE

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN

MAY 20 - JUNE 30, 2012

About DSSI

The 2012 Data Sciences Summer Institute (DSSI) is a 6-week long study in Data Science areas. This summer program consists of an intensive class in the mathematical foundations of Data Sciences, tutorials on advanced Data Science topics and collaborative research projects. The DSSI weaves together mathematical foundations, applications, and research via four coordinated activities:

- **Core Course:** An intensive course in the mathematical foundations of Data Science
- **Advanced Tutorials** on active research areas in Data Sciences given by leading researchers
- **Expert Speaker Series:** Represented are corporate, academic, & industrial researchers from around the country
- **Research Project:** A significant group research project relating to any one of the bodies of knowledge covered in the summer institute

Research Areas

- Databases and Information Integration
- Machine Learning, Natural Language Processing, and Information Extraction
- Computer Vision
- Information Retrieval & Web Information Access
- Knowledge Discovery in Social & Information Networks

Who can Apply

- College Junior or Senior Computer Science Students (majors or minors) and beginning Graduate students currently enrolled in U.S. universities as citizens, permanent residents, or visa holders (visa and supporting documents must cover the dates of the program).
- Students would show strong academic performance and must have sufficient mathematical and programming experience.

How to Apply

- Please apply online at mias.illinois.edu/DSSI2012
For full consideration, apply by February 17, 2012

Financial Aid

- Room, board and stipend will be provided to qualified students.

Contact Information

- If you have any questions, please contact us at:
DSSI-cs@illinois.edu