

# UCLA Logic Center



## Summer School for Undergraduates

The UCLA Logic Center will hold a three-week summer school for undergraduates, from Monday July 13, to Friday July 31, 2009. The goal of the summer school is to introduce future mathematicians to central results and techniques from mathematical logic.

Courses are very intensive, designed to assume little if any prior experience with logic, yet reach highly advanced material within three weeks. Courses include problem-solving sessions that expose students to current research techniques.

### *Topics*

**First order logic and Gödel's incompleteness theorem**

**Forcing and independence in set theory**

**Non-standard analysis**

### *Support*

**\$3000 stipend, up to \$500 travel, and dormitory housing at UCLA for no charge**

Funded by the NSF and the UCLA Logic Center. For further information and to apply, go to [www.logic.ucla.edu](http://www.logic.ucla.edu), and click on the link to Undergraduate Summer School. Applications must be received at UCLA by **March 30**.