



Summer 2018: July 2 – July 27  
11<sup>th</sup> and 12<sup>th</sup> Grade Component

The Young Scholars Program summer math camp for mathematically talented Chicago area students who have just completed grades 10 and 11 will take place at the University of Chicago from July 2 through July 27, 2018. The program began in the summer of 1988 under Paul J. Sally Jr. and Diane Herrmann in order to further Paul’s vision of teaching young talented students some “real” mathematics, and it continues to honor that vision. YSP has always been committed to serving a diverse group of students, and we especially encourage applications from populations that have been historically underrepresented in mathematics.

The aim of the program is to strengthen the participants’ mathematical powers through a deep experience in mathematical thought and effort. Our intention is to broaden and enrich the students’ understanding of mathematics rather than to accelerate them through the standard high school curriculum.

The mathematical content of the program for Summer 2018 will be topics in number theory.

The first day of the program will be Monday, July 2, during which students will take a diagnostic exam. **Students must be able to attend all four weeks of the program.** The program will take place Monday through Friday from 9:30A.M. to 2:30P.M. (except on Fridays when the program will end at 12:00 noon). Mornings are lecture-based classes. Afterward, the students divide into small groups, with each group conducted by a seminar leader who will discuss homework problems and the ideas underlying the day’s lectures. Students have an hour break for lunch. Parents/Guardians are responsible for all lodging, transportation, and meals. Students are also encouraged to bring water bottles and snacks.

YSP is generously supported from various sources, but these do not cover the full cost of the program. We have instituted a tiered tuition system based on household income. **Please note that ability to pay does not affect the application process in any way. Financial assistance is available to qualifying students.** The participation fees are as follows:

Household Income	Participation Fee
> \$150,000/year	\$1,000
\$75,000-\$150,000/year	\$600
<\$75,000/year	\$250 (Scholarships are available)

**We are unable to provide assistance with lodging, transportation, and meals. Space in the program is extremely limited. Because of the highly competitive nature of the program, if you are offered admission into the program and accept, you must attend all meetings for all four weeks.** If there is any reason for a possible absence, we must be informed upon acceptance of admission.

*QUESTIONS?* Email: [ysp@math.uchicago.edu](mailto:ysp@math.uchicago.edu) Phone: (773) 702-7389

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UNIVERSITY OF CHICAGO · YOUNG SCHOLARS PROGRAM

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11<sup>th</sup> and 12<sup>th</sup> Grade Component - Application Form

Name \_\_\_\_\_ Male/Female \_\_\_\_\_ Birth Date \_\_\_\_/\_\_\_\_/\_\_\_\_  
(Last, First, Middle) (MM/DD/YYYY)

Permanent Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Email: \_\_\_\_\_ Grade completed by June 2018: \_\_\_\_\_

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Name of Parent(s) or Guardian: \_\_\_\_\_

Email of Parent(s) or Guardian: \_\_\_\_\_

Telephone of Parent(s) or Guardian: (\_\_\_\_\_) \_\_\_\_\_

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Name of Math Teacher: \_\_\_\_\_

Current Mathematics Course: \_\_\_\_\_

School's Name: \_\_\_\_\_

School's Address: \_\_\_\_\_

Have you been in YSP or Math Circles of Chicago before? If so, when? \_\_\_\_\_

**Check List for Applicants**

- \_\_\_\_\_ Completed and *signed* application form
- \_\_\_\_\_ Student's short essay
- \_\_\_\_\_ Completed teacher questionnaire
- \_\_\_\_\_ Teacher recommendation letter
- \_\_\_\_\_ Transcript or grade report
- \_\_\_\_\_ (Optional) ACT, SAT, or other standardized test scores
- \_\_\_\_\_ (Optional) Application for Additional Support

**Student's Short Essay** On a separate sheet of paper, write us a short essay about your interest in mathematics.

**Teacher Recommendation** Please have your current mathematics teacher send us a letter of recommendation along with the completed Teacher Questionnaire. The letter and questionnaire must be submitted in a sealed envelope. Emailed versions are accepted if they are sent directly from the teacher's email account.

Send all materials to:

Young Scholars Program  
Department of Mathematics, University of Chicago  
Eckhart Hall 214  
5734 South University Avenue  
Chicago, IL 60637

ysp@math.uchicago.edu

Applications should be postmarked by April 6. **Late applications may not be considered.** We will not notify applicants as to their admission status over the phone.

I understand that if admission into the program is offered, the student will attend all meetings for the four weeks of the program. Students who fail to attend all meetings will not be considered for admission to future programs.

Signature of parent or guardian \_\_\_\_\_ Date \_\_\_\_\_