Summer School Program Prospectus for 2013 Institute of Mathematics, Academia Sinica

Our institute provides summer schools for undergraduate students.

I. Duration and Place

Six weeks, from Monday 8th July to Friday 16th August 2013 at the Institute of Mathematics, Academia Sinica. (6th Floor, Astronomy-Mathematics Building, No.1, Section 4, Roosevelt Road, Da-an District, Taipei 10617, Taiwan)
From Mondays to Thursdays, in the morning there are lectures by course instructors; in the afternoon there are discussions, practicals, computer-based learning and so on. On Fridays, there are talks by visitors or activities arranged by course instructors.

II. Qualification

Undergraduate students who meet the prerequisites of the selected course. Other majors are welcome.

III. Required Documents for Application

For those applicants who are qualified should submit a "Statement of Purpose" describing their motivations, thoughts and future ambitions of learning mathematics, together with his/her academic transcript and resume (E-mail, phone number, postal address, passport photo).

This summer there are 3 courses. Each applicant could choose 1 course only. Please write the selected course name on the envelope of the application documents.
Please send the documents to our institute by registered mail no later than 10th May, 2013.
(To Mr Shu-chuen Huang, Institute of Mathematics, Academia Sinica) You need to write "Application for Summer School Program" on the envelope.
We won't inform you if your document set is not completed.
After examinations and verifications, the namelist of admitted students will be announced on our website on 31st May. Each admitted student will be informed individually as well.

IV. Courses

Course 1: Topics in Combinatorics and Graph Theory
Instructors:

Peter Shiue (Department of Mathematical Sciences, University of Nevada, Las Vegas) Gerard Jennhwa Chang (Department of Mathematics, National Taiwan University)
Prerequisites: calculus, linear algebra

Course 2: Mathematics, Music and Animation
Instructor:
Hua-Lun Li (Department of Applied Statistics, Chung Hua University)
Prerequisite: calculus

Course 3: Mathematical Finance
Instructors:
Ju-Yi Yen (Department of Mathematical Sciences, University of Cincinnati)
Kenneth Palmer (Department of Financial and Computational Mathematics, Providence University) Ching-Tang Wu (Department of Applied Mathematics, National Chiao Tung University) Chuan-Hsiang Sean Han (Department of Quantitative Finance, National Tsing Hua University)
Prerequisites: calculus, linear algebra, probability (or mathematical statistics)

V. Subsidies
Subsidies are available for up to ten students for each course. The amount may reduced if the student is not doing well.

VI. Certificate
Each student should submit a final essay one week before the course ends, and those pass the program will receive a certificate.

VII. Accommodation
We can help students from central or southern Taiwan about accommodation arrangement.

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