Summer@ICERM: What to Expect

Students who are staying in the dorms typically move-in the day prior to the first day of the program. There are no formal activities scheduled on “move-in day.”

The program is designed to quickly get students working in small groups on interesting and accessible mathematical research problems under the close supervision of faculty advisors.

On that first day of the program, there will be a welcoming event to introduce the students to each other, the faculty advisors and the TA’s. Lectures will be given over the course of the first week to introduce the research topics. By the end of the week small research groups are formed. These groups will typically consist of two students who are interested in the same problem.

Once the problem of interest is selected, students will get more familiar with the problems by working together, discussing the topics with the faculty advisors, and reading related mathematical texts. After this, students will begin to develop their own approaches to the problems. Throughout the program, the groups will meet with faculty advisors twice per week for guidance and encouragement. Typically, all participants will participate in a weekly Working Seminar to informally discuss all the projects.

We will hold a few consecutive Progress Days during the middle of the program, where each group will formally discuss progress being made on the problems and establish goals for the remainder of the program. Soon after, students are expected to begin work on a research paper describing their work. In the final days of the program, the groups will give a formal presentation of their work.

Aside from the research related work, there will be a weekly Colloquium given on topics of general interest.

Summer@ICERM students often have the opportunity to interact, both formally and informally, with other young mathematical researchers who are either students at Brown or are visiting scholars.

Occasionally, Summer@ICERM students will need to share the ICERM space with other ICERM programs and events. Students will be notified whenever there is a schedule or meeting location change.

Students are always encouraged to take advantage of the many things to do in Providence. We hope students will explore the city and its environs and organize some activities as a group.