



Summer@ICERM: What to Expect

Students who are staying in the dorms move-in the day prior to the first day of the program and move-out the day after the final program date. The expectation is that all students will remain in Providence through the final day of the program.

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 the first day of the program, there will be a welcoming event to introduce the students to each other, the faculty advisors, and the TAs. 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 will be formed. These groups will typically consist of two students who are interested in the same problem.

Once the groups are formed, students will get more familiar with their problems by working together, discussing the topics with the faculty advisors and TAs, and reading related mathematical texts. After this, students will begin to develop their own approaches to solving the problems. Typically, each group will meet with faculty advisors and TAs twice per week for guidance and encouragement. Students will come together to participate in a weekly working seminar to informally discuss all of the projects.

Around the 4th week, each group will present their progress to each other and work to establish goals for the remainder of the program. Soon after, each student group will be expected to begin crafting a research paper describing their work. During the last 2-3 days of the program each group will give a formal presentation of their work to each other and a variety of invited guests from ICERM and Brown.

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

While at Brown, 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 visiting scholars. Along these same lines, Summer@ICERM students will occasionally 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.

ICERM is always open to suggestions for fun activities, such as game night, movie night, etc. There will be many activities and events to take advantage of at Brown, in Providence and RI. We hope students will explore the city and its environs and organize some activities as a group. In fact, we recommended that students elect a social chairperson to foster and help coordinate any “extra-curricular” activities.

