

Summer Research Opportunities

Summer 2024

Division of Natural Sciences and Engineering

Most of our departments support summer research between their professors and students, with some of these projects becoming the basis for a student's senior project. Many of the departments hold informational meetings for interested students; other departments expect students to express their interest directly to their professors. Below is a department-by-department schedule of summer opportunity sessions.

Department	Date/Time/Location	Details
Biology	November 17 4:30 - 5:30 pm Singer Hall 033	During this event, information will be provided about summer research and Biology students will talk about their research experiences both on and off campus. Students are encouraged to visit this page (<i>link to be updated - check back after Nov. 17th</i>) to access more information and view videos from Biology faculty about their research. More information can also be found here - http://www.swarthmore.edu/biology/research-work-opportunities
Chemistry and Biochemistry	November 9 4:30 - 5:30 pm Science Center 199	This Research Opportunity Presentation will feature short presentations from each faculty member about their research. Students will then be able to complete an on-line form to inform the department of their research interest which the department will use to match student interest with available spaces in faculty labs. Information and a link to this on-line form will be available on the department webpage, http://www.swarthmore.edu/chemistry-biochemistry . Information about summer opportunities outside Swarthmore will also be provided.
Computer Science	November 15 12:30 - 1:30 pm Science Center 199	It's time to start making plans for summer! If you think you might enjoy spending your summer at Swat working on exciting research with your CS professors, join us at our CS info session. At this session, faculty members will present brief descriptions of their research areas and what sorts of projects they are looking to involve students in this summer.
Engineering	November 20 4:15 - 5:15 pm Singer 346	Please join us as Engineering faculty and students describe the types of summer projects we conduct, and the collaborations you might engage in! There are typically about 25 students with summer positions in the department, and we all meet weekly for a pizza lunch to share our progress. First, second, and third-year students are all encouraged to come and learn more about the application process. Light refreshments will be provided. Please bring any questions you have!
Mathematics and Statistics	November 28 4:30 PM, Science Center 199	This summer research session will share information about research opportunities for mathematics and statistics students, at summer programs nationwide and at Swarthmore. A panel of students will speak about their summer research experiences. Other information can be found at: https://www.swarthmore.edu/mathematics-statistics/summer-research-mathematics-statistics

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Physics and Astronomy	November 15, 4:15-5:45 PM, begin at SC 199 and then proceed to open house locations	Our department will hold an "open house" where students can talk with faculty individually. Each faculty member has made a <u>video overview of their research</u> , which interested students should watch before the open house. Applications for summer research positions with our department will be due December 1.
Psychology	November 8 7-8:30 pm Singer 033	Join the Psychology Department faculty for a meeting about research opportunities in psychology. We will discuss ways to get involved in research, including through courses, thesis projects, and summer research fellowships. We will discuss the process and timeline for applying for summer research fellowships and for developing a plan for a senior thesis. Department faculty give brief presentations about their research areas and opportunities for students that are available in their labs.