

HONORS in Computer Science

The HONORS in Computer Science program is for students who have demonstrated exceptional ability and interest in Computer Science and who are willing to pursue a higher level of achievement. Students must demonstrate their abilities and interests by performing well in *AP Computer Science A*. The chair of the Mathematics Department may grant exceptions to the *AP Computer Science A* prerequisite if the student has substantial computer programming experience and is concurrently enrolled in the course.

Prerequisites

- *Introductory Algebra* 2 Terms
- *Geometry* 2 Terms
- *Intermediate Algebra* 2 Terms
- *AP Computer Science A* 3 Terms
- *Honors Seminar* 2 Terms

Honors Seminar

The center-piece of the HONORS program, the *Honors Seminar* courses will allow students class time to develop their research topics and learn new content necessary for their projects. An advisor will be assigned to each HONORS in Computer Science student, who will answer questions or help with programming issues that cannot be addressed in the *Honors Seminars*.

Honors Project

Candidates will select topics to study in depth, to be approved by the Honors Jury of the Mathematics Department, after which they will be assigned advisors by the Department Chair. Each candidate will write a complete technical report of his or her findings, for presentation to a scholarly forum including faculty members and fellow students.