DEGREE ENHANCEMENT OPPORTUNITIES

Degree enhancements allow students to find areas of interest outside their major, get involved in clubs or organizations, develop personally or professionally, pursue passion projects, participate in research, and apply classroom knowledge.

Minors: Students are easily able to pursue many different types of minors across the university. Some popular minors that CS students have pursued are Mathematics, Economics, Management, Psychology, Electrical and Computing Engineering, Language (i.e. Spanish), Statistics, Physics, Psychology, and Philosophy to name a few. **NOTE:** this is not a comprehensive list, rather just some of the popular minors College of Science students have pursued before.

Available Opportunities:

- Minor(s)
- Dual Major(s)
- Certificate(s)
- EPICS
- Study Abroad
- Service Learning
- Competitive Programming

Pursuing a dual major allows for more in depth study than what a minor tends to offer. They generally will require students to take more courses to complete alongside their primary major. The feasibility of a dual major depends on the major and the college in which the major resides.

One dual major that may be of particular interest is **Degree+**, which allows students to earn a Bachelor's of Arts degree with the College of Liberal Arts alongside their primary major without having to complete all of the College-level requirements for Liberal Arts, making Degree+ more feasible in conjunction with pursuing your major in the College of Science.

Certificates are similar to minors. They can be a good way to quantify specific skills or training you have vs. a minor, which is more discipline-specific content knowledge.

Study Abroad

Being able to go on study abroad, no matter the duration, is a once-in-a-lifetime experience which gives students international experience, intercultural skills, experiential learning, and more. Study Abroad programs can range in length from a week, for example going on a Spring Break study abroad, all the way to a full academic year. Depending on the type and duration of the program, going on study abroad can also help complete college-and department-level requirements through the experiential learning contract process.

Engineering Projects in Community Service (EPICS)

EPICS is a course-based program where teams of undergraduate students design, build, and deploy real-world systems and solutions to solve engineering- based problems for local community service and education organizations. Participating in EPICS gives students teaming and leadership experience, the opportunity to give back to the local community, and the chance to apply their technical knowledge.

Service Learning

The Department of Computer Science offers the opportunity for students to connect with and share passion for Computer Science with students in our K-12 Outreach Program by taking CS 39000: Service Learning Outreach. Students have gone into local schools to teach kids and work to find better ways to share knowledge and excitement of Computer Science with a larger audience around the state.

Competitive Programming

For students looking to compete in competitive programming or just wanting to brush up for technical interviews, we offer four competitive programming courses. Each of the courses are problem-driven. Most lectures will consist of studying a set of related programming problems, explaining the common techniques and ideas to solve them, often with code provided, and occasionally live coding demonstrations in lectures.

They will also have in-class coding tests/contexts, which will be beneficial for preparing for technical interviews or those interested in joining Purdue's Competitive Programming Team.