



DEPARTMENT OF
COMPUTER SCIENCE
College of Arts and Sciences

Pioneer solutions with a degree in Applied Computer Programming

DEVELOP systems that advance and protect the world!
Become an **INTEGRAL PART** of the digital workforce!
REALIZE YOUR IDEAS by building software!



	FIRST YEAR	SECOND YEAR	THIRD YEAR	FOURTH YEAR+
Your Courses	Begin your CS foundation with programming courses. Exercise problem-solving and reasoning skills with math, philosophy, and natural science courses.	Strengthen logic skills with Discrete Math, C/C++, Calc I and Phil 1313 . Talk with a CS advisor about minors that fit well with APCP.	Explore CS elective options with your advisor to broaden your skill set. Solidify your foundation with Data Structures and Computer Systems .	Adjust CS electives according to your developing interests. Finish your core subjects. Develop a project with your CS mentor to showcase your skills.
Your Experience	Visit the organizational fair to explore opportunities and interests. Attend faculty office hours to clarify course content and to make connections.	Apply for scholarships and awards. Explore REU programs . Optimize your learning using OSU academic resources. Ask about research lab jobs.	Participate in a hackathon . Tutor at the LASSO Center for CS I and II. Observe colloquiums to learn about research. Consider learning a new language.	Develop leadership skills by becoming an officer in a student organization. Earn certifications through companies such as Google and Microsoft.
Your Community	Join the Association of Computing Machinery . Attend Lights on Stillwater, the Volunteer Fair, or a sporting event to learn more of your new community.	Volunteer for CS's State of Orange and GPU event . Team up with Colvin's intermural sports. Attend international student events. Be a CAS ambassador!	Discuss careers and goals with your CS faculty mentor . Go to an OSU concert, play, or art exhibit to see what fellow students are doing.	Network, observe, and learn more about your field by attending a professional conference such as ACM or Grace Hopper . Mentor a freshman CS student.
Your Career Readiness	Visit your financial coach to help navigate college costs. Go to career fairs to explore potential careers . Keep social media posts professional.	Update your resume and practice interview skills with CAS Career Services. Build work experience in summer for job references . Work an IT job at OSU.	Showcase your skills with a GitHub account . Apply for internships. CAS Career Services assists with job searches and updating technical resumes.	Connect with alumni and recruiters through career services events. Participate in the career fairs! Verify graduation requirements with your advisor.
Your Personalized Path	Consider a specialization you want to develop with a second major, minor or courses: security, data science, or networks.			

YOU WILL LEARN

Foundational programming skills which transfer to multiple languages. Logic skills which allow you to translate problems into solutions. Various platforms and methods to expand your skill set. Create, modify, and test code to customize applications

WHAT IS NEXT

Work in industries such as: Medical, Technology, Transportation, Energy

Enter the computer world as a: Software developer, Mobile app developer, Full stack developer, Security analyst, Program analyst.

Learn more about building your custom path, visit:
cs.okstate.edu

