YOU'RE READY TO BE A BEAR.
WHAT SHOULD YOU DO NEXT?

Visit in person or take a virtual tour

We'd love to welcome you to campus. You can see where you will be learning, living and hanging out. We also offer a virtual tour online. Any time you want, you can explore 360-degree views of indoor and outdoor sites. You will be able to go inside academic buildings and campus landmarks.

🌐 **MissouriState.edu/Visit**

Apply for admission

The earlier you apply, the better your chances to be considered for the maximum amount of financial aid. Everything you need is online.

🌐 **MissouriState.edu/Apply**

Have any questions?

Contact the computer science department.

🌐 **ComputerScience.MissouriState.edu**

✉️ **ComputerScience@MissouriState.edu**

📞 **417-836-4157**

We're social

🔗 **Blogs.MissouriState.edu/ComputerScience**
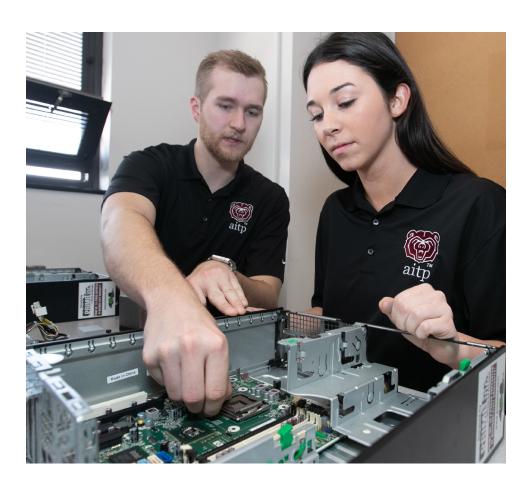
IT'S TIME TO RESEARCH YOUR FUTURE.

MAKE YOUR MISSOURI STATEMENT®

ComputerScience.MissouriState.edu

The term "computer" describes so many things: desktop computers, tablets, smart phones, systems that make airplanes, cars or toys work, and much more.

When you study computer science, you learn what makes these devices possible and useful. Join a program that's on the front edge of both technology and creativity!

Why you should choose MSU for this degree

- **You can explore many aspects of this evolving field.** Computer science is far-reaching and fast-changing. At Missouri State, you are able to learn how computer science relates to many other areas. This includes math, engineering, psychology, statistics, fine arts, language and sciences. This comprehensive knowledge prepares you to solve complex problems in computing.
- **You will learn communication skills, teamwork and ethics.** You could take these skills into a career in business, education, entertainment, law enforcement, medicine, science and many other fields.
- **You can have real-world experiences.** You can meet possible employers through an internship or supervised work experience. Our students have taken internships with companies including Microsoft, O'Reilly Auto Parts, City Utilities, Sprint, Cerner, AT&T, Boeing, Texas Instruments and government agencies. Many of these internships lead to employment after graduation!
- **You will have the resources you need.** You will learn on state-of-the-art computers and gain experience with the most popular programs in the industry. Our resources include:
  - Two classrooms fully equipped with the latest software.
  - Several research labs.
- **You can show your stuff at competitions and conferences.** Battle it out against the best computer science students in the world in regional and international competitions! You can create software systems to solve problems within a deadline. You may also attend events such as the Women in Computing conference.
- **You will have the chance to do research.** If you want to do research, even as an undergraduate, you will have the opportunity. Our students and faculty have contributed to cutting-edge research in robotics, data science, the internet of things, virtual reality, security, networks and drones.

We give you the highest level of training

Missouri State's computer science option of our computer science degree is ACCREDITED BY THE COMPUTING ACCREDITATION COMMISSION OF ABET.

This indicates our commitment to continuous improvement, and ensures that the curriculum reflects the recommendations of national education groups.

What can you do with this degree?

Careers you can enter include:

- Administrative careers in computer management
- Computer/video-game development
- Computer engineering
- Computer forensics
- Computer graphic design
- Data scientist
- Digital media
- Education
- Information technology
- Mobile application development
- Robotics engineering
- Software development and programming
- Web development

A few companies that have hired graduates:

- Amazon
- AT&T
- Bank of America
- Bass Pro Shops data center
- The Boeing Company
- Caterpillar Inc.
- Cerner Corporation
- City Utilities of Springfield, Missouri
- Digital Monitoring Products (DMP)
- Facebook/Meta Platforms
- FedEx
- IBM
- Jack Henry & Associates, Inc.
- Karmak
- Koch Industries
- Microsoft
- O'Reilly Auto Parts
- PicewaterhouseCoopers
- Sprint
- Walmart Inc.

CAREER OUTLOOK

21%
expected growth in job openings through 2031 — much faster than the average for all occupations

Computer scientists are likely to enjoy excellent job prospects, because many companies report difficulties finding these highly skilled workers. Important qualities for these professionals:
- **Analytical skills.**
- **Communication skills.**
- **Being detail-oriented.**
- **Interpersonal skills.**
- **Logical thinking.**
- **Math skills.**
- **Problem-solving skills.**

Source: U.S. Bureau of Labor Statistics

40,600:
projected number of computer and information research scientists employed in 2031

Source: U.S. Bureau of Labor Statistics

Median national starting salary for those with a bachelor's degree in computer science:

$70,000
The top-paid graduates of 2021 earned computer science, engineering or math/sciences bachelor's degrees.

Source: National Association of Colleges and Employers winter 2021 salary survey

Academic programs

What types of classes will you take?
Find descriptions online:
ComputerScience.MissouriState.edu

UNDERGRADUATE

Major
Computer Science, with options in computer science or software development
- The computer science option is focused on the technical aspects of software creation. Students will incorporate a math minor.
- The software development option is broader and more multidisciplinary. Students can choose any MSU minor.

Minors
Computer Science
Informatics

Certificate
Web Programming

GRADUATE

Master's degrees
Computer Science*
Master of Natural and Applied Science with an emphasis in Computer Science*

Certificates
Data Science
Software Engineering

* These master's degrees have an accelerated option. If you are an undergraduate student who meets certain requirements, you can enroll in graduate-level courses at the same time you are earning your bachelor's degree. You could earn both a bachelor's and master's together in just five years with some accelerated options!

You can be part of our annual research day

All undergraduate students in the College of Natural and Applied Sciences can participate in CNAS Undergraduate Research Day. You could submit your work, which is then displayed and judged. Cash awards are given for the judges' top picks!

WANT TO LIVE WITH OTHER BEARS WHO LOVE WHAT YOU LOVE?

In our residence hall living-learning communities, or LLCs, students with similar academic interests live, study and socialize together. We have a STEM LLC for science, technology, math and engineering majors in a selected hall. It doesn't cost you any more to live in the LLC and get all the educational and personal benefits!

MEET MISSOURI STATE

Missouri State University is a public university system with an enrollment of more than 20,000 students who come from around the state and the world. The main campus is in Springfield, Missouri. There are three other physical campuses, two in Missouri — West Plains and Mountain Grove — and one in Dalian, China.

What makes Missouri State different? We're a big state university, but it doesn't feel that way. Just visit our campus. You'll experience a close-knit, friendly community.

When you're here, you're a Citizen Bear. You'll learn how to see the world differently, and follow your path with integrity. When you graduate, you're prepared to be a global citizen in the truest sense of the word. You'll bring more to your career and your community.

You'll be ready to Make Your Missouri Statement.

You make your statement. We'll put the cost within reach.

Missouri State's philosophy: A quality college education should be within the financial reach of all students. Our total costs are lower than most other universities in the state and well below the national average. We invite you to compare.

If you are from outside Missouri and will be an entering freshman or transfer student, you may qualify for a full waiver of nonresident fees if you meet ACT, GPA or class-rank qualifications.

5+

scholarships, fellowships and other financial awards just for Missouri State computer science students

WHY IS MISSOURI STATE A GREAT VALUE?

Find out! **MissouriState.edu/Costs**