Programmed for Success

Computing and Information Sciences
Kansas State University
High Speed Future with CIS

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- Why Kansas State University is your best choice and how to apply!
Students at K-State gain hands-on, high-tech experience with a wide range of operating systems and application software, beginning right in the department's own high-tech labs.

“Beocat”

Beocat is Kansas State University’s Beowulf computing cluster. A cluster, on the fundamental level, is two or more computers that are used together to solve a problem, the type of computing, as it relates to research at K-State, is called High Performance Computing. Beocat is relevant to being a core resource for multiple research groups across campus.

Cybersecurity

Cybersecurity and information assurance program here at K-State prepares our students to meet the increasing demand of cybersecurity expertise in both private and public sectors. We offer courses in computer security, applied cryptology and specialized courses on research areas.

Game programming positions demand candidates with a strong theoretical and practical background in computing. The Game Development track offers courses in games programming and engine design, as well as hands-on cross-discipline game development projects that help prepare you for a career in game development.

Great Faculty Network

CIS is comprised of approximately 20 highly productive faculty members that are the backbone of the department’s strong interdisciplinary teaching and research programs. The faculty is committed to excellence in scholarly activities in both of these areas. Kansas State has teachers who are researchers themselves, that way you can get the hands-on experience you need to succeed.

Averaging smaller than 25 people per class, small class size makes the learning environment more interactive. In turn, giving you a chance for some extra feedback on homework and projects.

Scholarships

Scholarships for CIS are offered through the College of Engineering. Scholarships recipients are chosen based on ACT scores, cumulative GPA, class rank, grade trends, courses taken, honors, and activities. For more information, call 785-532-5590.
Menu of Programs

As part of the College of Engineering, the Department of Computing and Information Sciences is serious about offering high-quality degree programs. We not only educate graduates to become leaders in the competitive world of technology but also prepare our graduates to make an impact on all industries through their cutting-edge knowledge and training.

1. Computer Science - Traditional CS fundamentals of computing
   - Software Engineering: design, construction, and integration of software and computing technology
2. Information Systems - Information Technology (IT)-based industrial applications.

Undergrad Degrees
-Computer Science
-Grad Degrees
-M.S. in Computer Science or Software Engineering
-Ph.D. in Computer Science

Distance Learning
-Master of Software Engineering

Minors
-Computer Science

Course Requirements

Top 10 Areas of Specialization for Undergrad Study
1. Software Engineering
2. Real-Time Embedded Systems
3. Cybersecurity
4. Multimedia (games programming) and Graphics Technology
5. Networks and Mobile Computing
6. Parallel and Distributed Computing
7. Database and Knowledge Management Systems
8. Bioinformatics
9. Enterprise Information Systems
10. Computer Science Theory

For you must take the specified number of courses in the following categories in order to complete an undergraduate degree in either Computer Science or Information Systems. The specific requirements vary depending on which of these major fields you choose. For some of these categories, you have the flexibility to select courses to match your own interests.
Internships, Implementing Your Skills

Before it’s time to integrate into the real world, most undergrads complete an industry-specific internship. “Internship” being—working for a company part or full-time during the summer. Companies know they can count on K-State CIS students, so they are willing to give you the opportunity to demonstrate your abilities. This is also your chance to check out which types of jobs you may want to apply for once you get your degree. Plus these internships and campus jobs allow you to earn some additional income while gaining great experience.

Career Data

Whether you are interested in working for a large technology organization or a small local business, the integration of technology into every aspect of our world ensures that your possibilities are endless.

Industrial demand for graduates with degrees from CIS is at an all-time high. The result is impressive starting salaries—exceeding $54,000 in Spring of 2011—that continues to rise every year.

CIS Graduates are Currently Employed at:

- Garmin
- Career Corporation
- Softtek
- Conoco Phillips
- Perceptive Software
- CnicPlus
- Envisage Consulting
- Rockwell Collins
- Texas Instruments
- Microsoft
- General Dynamics
- LSI Logic
- Honeywell
- GE Aviation
- Surface Systems & Instruments
- App. Developer
- Database Admin.
- IT Director
- Network Engineer
- Network Specialist
- Software Developer
- Software Engineer
- Systems Analyst
- Systems Programmer
- Technical Manager
- Technical Support
- Web Developer
- Web Developer
Plug into the College Experience

Not only is K-State a great place to major in CIS, it’s just a great place to be. Why? Well, it’s the…

PRESTIGE - Kansas State University ranks first nationally among state universities in its number of Rhodes, Marshall, Truman, Goldwater, and Udall scholars since 1994.

COMFORT - 85% of classes have fewer than 40 students, so you won’t feel lost in the crowd and the Robotic Combat Team and the Gamers’ Guild are just two of the 375 campus organizations.

SUCCESS - Our students have captured numerous national championships, from best student government to best research project, and don’t forget about the award-winning robotics team.

FRIENDSHIPS – The friendly people and small class sizes will ensure that you get to know your fellow K-Staters.

VALUE - You’ll get top-notch education at a price you can afford.

LAN Parties
The Association of Computing Machinery (ACM) sponsors LAN parties throughout the semester. Students, armed with their personal computers, form teams to compete in a multiplayer networked game environment. Luckily, soda and snacks are provided because this party usually lasts all night long!

Get Connected with Your Future!

Now that you know more about how a degree in Computer Science or Information Systems from Kansas State University can provide career solutions for you, come see it for yourself! We encourage you to tour the campus, have lunch in Aggieville, check out the labs in person, and meet with professors in the department. For more information, visit our Web site at www.cis.k-state.edu or call our office at 785-532-6350 to arrange a campus visit.

Apply Today!
Fulfill the system requirements by applying online or downloading a printable application at www.k-state.edu/admit. To receive an application by mail, please contact the K-State Admissions Office at 800-432-8270 or 785-532-6250.