

# Apply Now

## Application process

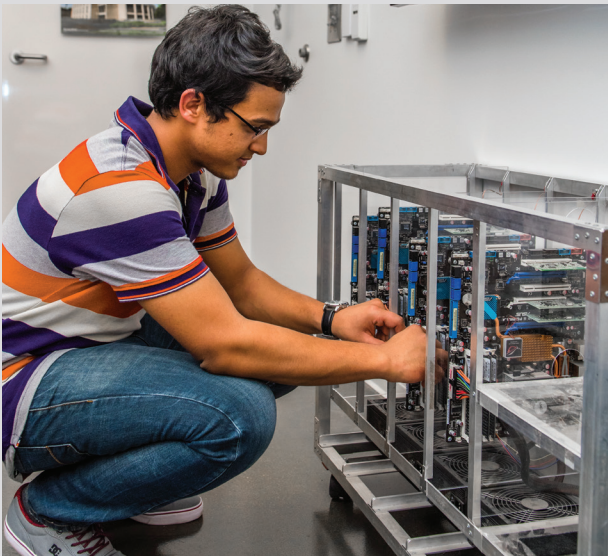
- The department admits primarily doctoral candidates.
- Information about the application process, including program guidelines, can be found at [cis.ksu.edu/programs/grad/admissions](http://cis.ksu.edu/programs/grad/admissions).
- All application materials can be submitted online at [k-state.edu/grad/application](http://k-state.edu/grad/application).

## Minimum admission requirements

- Bachelor's degree in computer science, or closely related field, from an accredited institution with a grade point average of at least 3.0 out of 4.0 (or equivalent)
- **GRE scores** — minimum scores: verbal – 146, quantitative – 151

## Application deadlines

- Jan. 8 for fall (August) enrollment
- Aug. 1 for spring (January) enrollment
- Dec. 1 for summer (June) enrollment



## Financial assistance

Most graduate students in the department receive excellent financial support, including teaching assistantships, research assistantships and fellowships, which cover all tuition and include stipends of \$16,000 - \$30,000. Preference is given to doctorate students for support.

## International student requirements

Test	Minimum score
IBT TOEFL (internet-based)	79
TOEFL (PBT)	550
IELTS	6.5
Pearson Test of English (PTE)	58

## English language program (ELP)

Kansas State University offers English language graduate support courses. ELP academic advisers help students, who are admitted to study in a degree program, make the transition from the ELP into their academic departments. For more information, visit [k-state.edu/elp](http://k-state.edu/elp).

## Helpful websites

Engineering Research and Graduate Programs  
[engg.k-state.edu/ergp](http://engg.k-state.edu/ergp)

Graduate catalog  
[catalog.k-state.edu/index.php?catoid=2](http://catalog.k-state.edu/index.php?catoid=2)

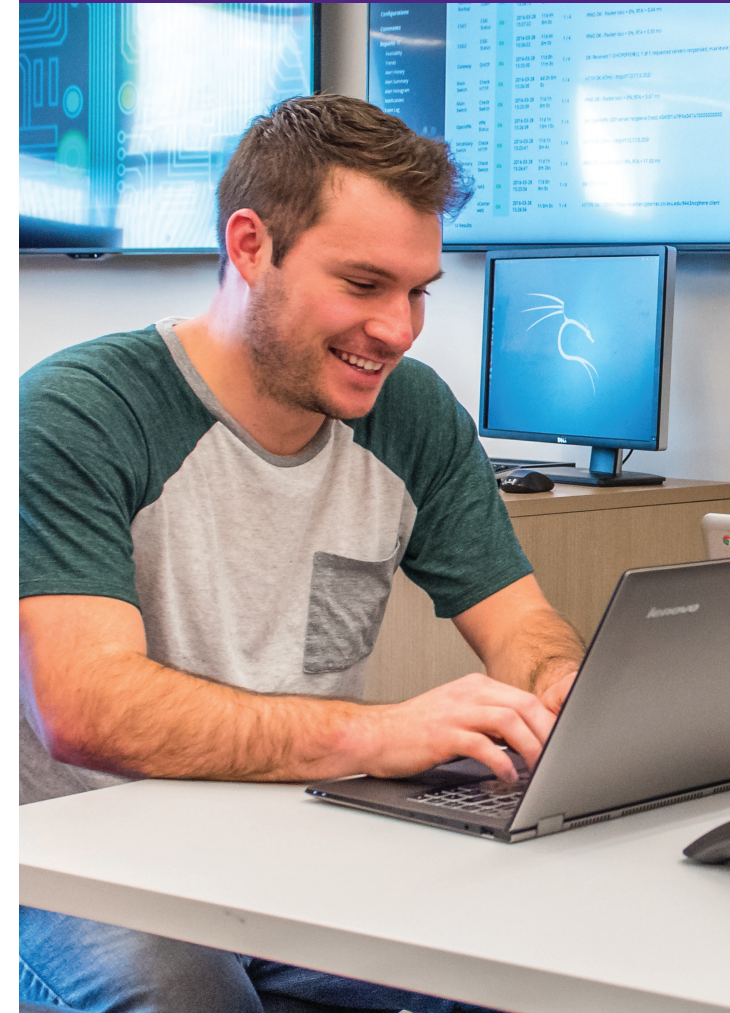
Cost-of-living and tuition information  
[k-state.edu/sfa/costofattendance](http://k-state.edu/sfa/costofattendance)

Graduate student life information  
[k-state.edu/grad/students](http://k-state.edu/grad/students)

### Notice of Nondiscrimination

Kansas State University is committed to nondiscrimination in admissions, programs and employment. Inquiries and complaints: Contact Director of Institutional Equity, Kansas State University, 103 Edwards Hall, Manhattan, KS 66506-4801, (Phone) 785-532-6220.

# COMPUTER SCIENCE Graduate Program



**KANSAS STATE**  
UNIVERSITY

Carl R. Ice College of Engineering

[cs.k-state.edu](http://cs.k-state.edu) • [csoffice@k-state.edu](mailto:csoffice@k-state.edu)  
785-532-6350

# Welcome

Our motto is simple — world class. World-class faculty, world-class research and world-class education.

Our faculty members are world-class researchers and teachers who have attracted funding from federal agencies and industry for not only research, but also teaching, curriculum development and K-12 outreach. Research propels graduate students toward in-depth knowledge and valuable experience. It helps them to become even more effective problem solvers by applying software in a variety of disciplines.

We offer expertise in cybersecurity, health care, scientific computing, smart power grid and high-assurance computing. Points of pride include designation as a National Center of Academic Excellence for Research in Cyber-Security by NSA and DHS, multidisciplinary research and teaching, and excellent placement after graduation.

Take the time to find out more about our department — you'll be impressed!

Sincerely,

Scott DeLoach  
Professor and department head



# Research Areas



## Beocat

The distributed systems lab supports a wide range of interdisciplinary research around a core interest in efficient, effective parallel and distributed systems. The K-State research computing cluster, BeoCat, is the largest academic cluster in Kansas.

[cs.ksu.edu/beocat](http://cs.ksu.edu/beocat)

## Bioinformatics

The machine learning and bioinformatics group designs algorithms and develops tools for analyzing large amounts of data— in particular, molecular sequence and text data.

[caragea-wiki.cs.ksu.edu/doku.php](http://caragea-wiki.cs.ksu.edu/doku.php)

## High assurance

Faculty at the laboratory for specification, analysis and transformation of software (SAnToS) conduct research in high-assurance systems, software analysis and verification; and language-based security and safety in next-generation medical systems, mobile platforms and smart grids.

[santoslab.org](http://santoslab.org)

## Security

The distributed-systems security laboratory focuses on design of secure and usable software and protocols, with an emphasis on medical, cyber-physical and Internet of Things systems. The lab works closely with SAnToS to create high-assurance, reliable and secure systems.

[cisa.ksu.edu](http://cisa.ksu.edu)

# Degrees

## Doctor of Philosophy

The doctorate degree program is a research-oriented curriculum designed to prepare students for advanced research industry and university-level academic positions in the computing field.

## Master of Science

The Master of Science program is a broadly based curriculum designed to prepare students for advanced positions in the computing industry as well as for further academic studies. The M.S. degree requires a minimum of 30 credit hours of graduate-level coursework.

## Master of Software Engineering

The Master of Software Engineering degree enables students to specify, design, implement, document and maintain large software systems in their specialty areas. The program of study consists of 33 credits and includes a capstone project where students demonstrate their mastery of software engineering processes and techniques.

