Our programs will exceed your expectations and help you exceed your own. Our students and faculty are breaking new ground every day: creating applications that will help families protect their aging loved ones, researching new ways to protect online accounts from cyber attacks, and developing extensive databases to track the spread of disease around the world.

Whether studying computer science, data science, engineering, informatics, information science, or library science, students in the Indiana University School of Informatics and Computing are learning how to improve people’s lives using information technology.
Accelerate your future with the School of Informatics and Computing

The School’s rare combination of programs—including computer science, data science, engineering, informatics, information science, and library science—makes our school one of the largest, broadest, and most accomplished of its kind.

Our innovative programs are united by a focus on information and technology, but they are highly interdisciplinary and provide the flexibility for you to craft your degree with a variety of specializations, tracks, dual degrees, and certifications to choose from.

At the School, you will find outstanding faculty and an amazing array of opportunities. You can expect to work alongside world-renowned faculty who are engaged in high-level research projects that have received funding from such prestigious organizations as the National Science Foundation and the National Institutes of Health.

You’ll also find a strong community in the School. Not only will you have a network of talented peers, you’ll also find faculty and staff who want to mentor, support, and guide you on your journey.
Graduate programs

- **Master of Information Science (MIS)**, the analysis, organization, and manipulation of information for meaningful use
- **Master of Library Science (MLS)**, finding, organizing, and preserving information and helping others do the same
- **M.S. in Bioinformatics**, the modeling, discovery, and management of biological data
- **M.S. in Computer Science**, examining the many aspects of computing and their practical applications
- **M.S. in Data Science**, exploring big data as it relates to a range of applications and domains. Available on campus, online, or in a blended version with online and in-residence components
- **M.S. in Human–Computer Interaction** (design emphasis), creating functional, intuitive, and effective technology experiences
- **M.S. in Security Informatics**, the technological, social, and practical aspects of protecting data
- **Graduate Certificate in Information Architecture**, the design of effective, efficient information structures
- **Specialist in Library and Information Science**, for post-master’s students who want to focus on a particular subject
- **Ph.D. in Computer Science**, exploring computing through foundational, applied, and interdisciplinary research in all aspects of computing
- **Ph.D. in Informatics**, with 10 different specializations
- **Ph.D. in Information Science**, for students who want to be researchers, teachers, or consultants
- **Ph.D. in Intelligent Systems Engineering**, with five options for specialization (starting in fall 2016)

**Online programs:**

- **Certificate in Data Science**, for professionals looking to advance their career in big data through an affordable program

Learn more at [soic.indiana.edu/graduate/programs](http://soic.indiana.edu/graduate/programs).
Real-world experience

Whether you’re destined for industry, research, public service, or an academic career, the School will set you on the right path.

You can gain hands-on experience by taking service-learning courses ranging from database development to information architecture. Most of our students complete internships to launch their careers. Our students have gone everywhere from the industry powerhouses of Google and Microsoft to the cultural icons of the Smithsonian Libraries and the Baseball Hall of Fame to the halls of academia at top universities and research labs.

If you’re interested in research, we’ve got you covered. Curiosity about the world and a commitment to solving problems motivate our faculty. Students work side-by-side with internationally-renowned professors who are harnessing the power of today’s technologies to change the world.

The breadth of our school is reflected in the amazing range of our faculty’s research:

- Algorithms for Big Data
- Artificial Intelligence
- Artificial Life
- Bioinformatics
- Cheminformatics
- Cognitive Science
- Complex Networks and Systems
- Computer Networks
- Cyberinfrastructure and e-Science
- Data Mining
- Data Science
- Database Theory and Systems
- Digital Preservation
- Health Informatics
- High Performance Computing
- Human Centered Computing
- Human Computer Interaction Design
- Information in Digital Environments
- Information Institutions
- Information in Organizations
- Information Research
- Information Tools and Technologies
- Intelligent Systems Engineering
- Machine Learning
- Music Informatics
- Parallel and Distributed Computing
- Programming Language Principles, Design, and Implementation
- Robotics
- Security
- Social Informatics
- Software and Systems
- Theoretical Foundations of Computer Science
- Unconventional Computing
- Visualization, Computer Vision, and Graphics
- Web Science
World-class facilities

This fall, we will break ground on a 124,000-square-foot building that will transform the School by expanding the atmosphere of collaboration and community while supporting the culture of research, innovation, and entrepreneurship that permeates the tech world.

Creative researchers

Our faculty conducts research that ranges from small, focused studies to large, complex projects that include other campus units and centers and even other universities. School of Informatics and Computing faculty lead a wide range of highly visible centers, including the Center for Research in Extreme Scale Technologies (CREST), a national leader in high-capability graph computing systems and applications, and the Cyberinfrastructure for Network Science Center, which advances datasets, tools, and services for the study of biomedical, social and behavioral science, physics, and more. The Center for Complex Networks and Systems, is conducting, among its many projects, top-notch research on the spread of information on Twitter.

Our research centers include:

- Center for Applied Cybersecurity Research
- Center for Bioinformatics Research
- Center for Complex Networks and Systems Research
- Center for Data and Search Informatics
- Center for Research in Extreme Scale Technologies
- Center for Research On Mediated Interaction (CROMI)
- Center for Security Informatics
- Chemical Informatics Center
- Cyberinfrastructure for Network Science (CNS) Center
- Data to Insight Center
- Digital Science Center
- Indiana University Network Science Institute
- Rob Kling Center for Social Informatics
- Web Science Center
Bloomington Exceeds Expectations

A thriving live music scene, coffeehouses, open-air markets, eclectic restaurants, more than 30 festivals, and picturesque scenery are just part of what makes Bloomington, Indiana, the cultural center of the Midwest. Affectionately called B-town, Bloomington is the quintessential college town—active, intellectual, inclusive, friendly, relaxed, and safe. Our small city has a population of more than 80,000 residents and 46,000 IU students, plus cultural resources and opportunities that rival cities many times its size. And all of this is affordable, thanks to our low cost of living.

In addition to the cultural opportunities, Bloomington offers whatever your palate craves. Whether you’re looking for down-home Hoosier cooking or world cuisines, Fourth Street, also known as “restaurant row,” features several Bloomington favorites and is adjacent to Kirkwood Avenue and the west end of campus.

Bloomington is bike friendly and easy to navigate. Campus Bus Service provides bus transportation around campus, and Bloomington Transit provides transportation around the city and to campus. Both services are free to IU students. Learn more about transportation options at iubus.indiana.edu.

Check out visitbloomington.com to learn more about our city.
Advance your career

Department of Computer Science and Informatics

Our degrees can take you wherever you want to go—whether it’s a Fortune 500 or non-profit company, a research lab, or higher education. If you want to start your own company, we’ll give you the tools to do that, too. Our graduates have done all of that and more. Take a look at our 2013-14 hiring statistics, compiled six months after graduation:

$82,300 average starting salary for bioinformatics, computer science, human-computer interaction design, and security informatics master’s and Ph.D. degree graduates (based on 106 student-reported salaries)

$10,500 average signing bonus
$500–$50,000 range in signing bonuses (based on 69 student-reported bonuses)

Most Common Destinations: Full-Time
CA (29%) IN (18%) IL (12%)
WA (12%) TX (6%) WI (4%)

Over 360 companies hired our students, including:

See our complete hiring report at soic.indiana.edu/career.

Department of Information and Library Science

MIS and MLS graduates go on to stellar careers in interesting organizations ranging from startup social media companies to Amazon and the Library of Congress. They pursue fulfilling jobs in the information industry. They look to the future. Some work in academic and public libraries. Others are records managers and archivists working with digital business information, and still others manage web teams. They also work in unique settings such as the Yellowstone National Park and the San Diego Zoo. The statistics above do not include data from this department at this time. We look forward to including new information about ILS grads for the class of 2015, available in early 2016.