Technology is everywhere. In today’s world, everyone needs to be a “computer person.” The fields of informatics and computer science are versatile disciplines featuring multiple areas of study and specialties that combine the study of information technology with real-world problem solving to help our students make the future.

Make a difference. Make things. Make a career.
Make your future with the School of Informatics and Computing

No matter what path you take through the School—from computer science to informatics with a cognate to match your interests to intelligent systems engineering—the end result is a technology-centered education rooted in computational thinking which prepares students for a wide variety of career options. Our students and faculty are breaking new ground every day: designing dynamic web interfaces, researching new ways to protect online accounts from cyber attacks, and developing tools for uncovering bot-controlled Twitter accounts.

With so many areas of study, informatics and computer science can be whatever you make it. Start creating your future with the School of Informatics and Computing today.

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.
Undergraduate programs

Our programs are structured so that you receive a well-rounded, technical education with either an in-depth or interdisciplinary option. We also offer a variety of master’s and doctoral programs, including an accelerated master’s program in computer science and a new accelerated master’s program in information science starting fall 2016. Undergraduates can pursue the following options:

- Bachelor of Science in Intelligent Systems Engineering (beginning fall 2016)
- Bachelor of Science in Informatics
- Bachelor of Science in Computer Science
- Bachelor of Arts in Computer Science (administered by the College of Arts and Sciences)
- Certificate in Informatics
- Minor in Computer Science
- Minor in Human-Centered Computing
- Minor in Informatics
- Minor in Information Technology
- Minor in Security Informatics

Experiential opportunities

Our focus on experiential learning affords students the opportunity to apply what they’ve learned in the classroom to a real-world setting. Students gain this experience through a variety of options, including research, studying abroad, internships, and service learning.

There are plenty of opportunities to gain hands-on experience through internships, either with the many companies that recruit our students or with our ServeIT clinic, which helps local nonprofits. Through TeachIT students provide weekly programs at the Boys & Girls Club and Girls, Inc.

Students also have the chance to work side-by-side with internationally-renowned scholars on a wide range of cutting-edge research projects early in their program. Research topics run the gamut from high-performance computing and data mining to chemical informatics and digital humanities.

Interested in gaining a global perspective? Choose from 100+ overseas studies programs and make degree progress while exploring the world. The School also coordinates Tech Trek: Belize, an immersive service-learning alternative break program that provides students the opportunity to help develop IT capacities for communities in Belize.
If you’re wondering about the difference between computer science and informatics, you are not alone. The table below helps differentiate the programs:

<table>
<thead>
<tr>
<th>Computer Science</th>
<th>Informatics</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-depth technical learning</td>
<td>Combination of technical and interdisciplinary learning</td>
</tr>
<tr>
<td>Prepares you to create technology</td>
<td>Prepares you to apply technology</td>
</tr>
<tr>
<td>Scope of learning is about depth of technical knowledge</td>
<td>Scope of learning is about breadth of technical and interdisciplinary knowledge</td>
</tr>
<tr>
<td>Numerous career options that require in-depth knowledge and skills</td>
<td>Numerous career options that require breadth of knowledge and skills</td>
</tr>
<tr>
<td>Choose a specialization (area of interest): 4 options</td>
<td>Choose a cognate (area of interest): more than 30 options</td>
</tr>
<tr>
<td>Customize learning through specializations including foundations of computer science, intelligent systems, programming languages, and systems</td>
<td>Customize learning through cognates and apply technology to areas of interest, including business, medicine, music, security, telecommunications, and many more</td>
</tr>
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</table>

“I came into IU as an exploratory student not knowing where I would fit in. After expressing my love for technology to an advisor, I was guided to SoIC. Right away, I knew it was the right place. The school feels like a home to me, one where I can be myself and explore my interests with like-minded peers. I have found many ways to get involved, such as the opportunity to teach children about technology in Belize. I feel lucky to be part of such a supportive and innovative environment.”

Amala Afoaku
Major: Informatics
Cognate: Business
Minor: Marketing
Make your own degree

One of the best things about our degrees is that you can make it your own by customizing it based on your interests. Select a specialization (in Computer Science) or a cognate (in Informatics) to combine your other passions with technology. Academic and career advisors are with you at every turn to guide you along your academic journey.

**Informatics Cognates**

- Biology
- Business
- Chemistry
- Cognitive Science
- Communication and Culture
- Computer Science
- Economics
- Fine Arts (Computer Art or Graphic Design)
- Geography
- Human-Centered Computing
- Individualized (subject to approval)
- Journalism
- Linguistics
- Mathematics
- Medical Sciences
- Music
- Philosophy of Mind and Cognition
- Pre-health Professions
- Psychology
- Public and Environmental Affairs (Environmental Management, Health Systems Administration, Public Finance, Policy Studies, or Urban Affairs)
- Public Health
- Security
- Telecommunications (Applications, Implications, or Foundations)

**Computer Science Specializations**

- Foundations of Computer Science
- Intelligent Systems
- Programming Languages
- Systems

**Engineering Concentrations**

- Bioengineering
- Computer/Cyber-Physical Systems Engineering
- Nanoscale Systems Engineering

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“I believe having a computer science degree puts me at the forefront of innovation, which is key in this globalized society. For me, the most exciting possibility of the future is the hope of being challenged to think in new, creative ways to relay information quickly and efficiently.”

Nick Leisure
Majors: Computer Science and Spanish
Specialization: Intelligent Systems
Minor: Informatics
Make a community

You’ll find an active, inclusive, and supportive community within the School. From academic programs to student leadership positions, you will get all of the support you need.

The School of Informatics and Computing works hard to help our students and graduates succeed. We’re committed to diversity in our programs, our people, and our community. There’s something for everyone here. If you want your voice to be heard, join one of the student groups that are active in the School. Or, if you want to interact with your friends, attend one of the student programs we host ranging from gaming hours to industry-related speakers and networking events. You can become part of the community in the way that fits you the best, and if we don’t have it, you can work with us to create it!

Visit soic.indiana.edu/community to learn more.

Serve IT Nonprofit Clinic

Our ServeIT clinic helps local nonprofits in the Bloomington community with their technology needs. Student interns are placed on interdisciplinary teams and matched with a nonprofit organization for one or more semesters. This provides students with unique, real-world learning experiences while helping the community. Each year, approximately 70 students work to support a variety of organizations, including the City of Bloomington, The United Way of Monroe County, the Bloomington Volunteer Network, and the Boys and Girls Club.

Learn more at serveit.soic.indiana.edu.
Make a career

Our degrees will take you wherever you want to go—whether it’s a Fortune 500, non-profit, or start-up company. 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. We have a dedicated seven-person career services staff who will help you each step of the way. Take a look at our class of 2014 hiring statistics, compiled six months after graduation.

$18 average hourly pay for internships
- $19 for computer science majors, $18 for informatics majors
- (based on 169 student-reported salaries)

94% secured employment or acceptance to graduate school within six months of graduation
- 88% accepted employment, 6% committed to graduate school

$58,600 average starting salary
- $68,600 for computer science majors, $55,700 for informatics majors
- (based on 181 student-reported salaries)

$6,500 average signing bonus
- $10,200 for computer science majors, $4,900 for informatics majors
- (based on 101 student-reported bonuses)

Example jobs:
- Application Consultant, Consultant, Software Engineer, Business Analyst, IT Analyst, Software Developer, Software Engineer, Technology Analyst

Most Common Destinations: Full-Time
- IN (32%) IL (23%) TX (10%) MO (6%)
- WI (5%) CA (3%) GA (3%) MN (3%)

Top Hiring Companies: Full Time
- GM
- Cerner
- Liberty Mutual
- Accenture
- Blue Horseshoe
- Kohl’s

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