Make it.
Make a difference.
Make things. Make a career.

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

INDIANA UNIVERSITY
SCHOOL OF INFORMATICS AND COMPUTING
MAKE YOUR FUTURE
WITH THE SCHOOL OF INFORMATICS AND COMPUTING

No matter what path you take through the School—computer science, informatics with a cognate to match your interests, or 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, our programs can be whatever you make them. Start creating your future with the School of Informatics and Computing today.

World-class facilities
Scheduled for completion in 2017, the new 124,000-square-foot Luddy Hall 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, an accelerated master’s program in information science, and an accelerated master’s program in information systems. Undergraduates can pursue the following options:

- Bachelor of Science in Computer Science
- Bachelor of Science in Informatics
- Bachelor of Science in Intelligent Systems Engineering
- 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 through a variety of options, including research, overseas education, internships, and service learning.

There are plenty of opportunities to gain hands-on experience through internships either with the hundreds of 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-plus overseas studies programs and make degree progress while exploring the world. The School also coordinates immersive service-learning programs that provide students the opportunity to help develop IT capacities for communities around the world.
The table below helps explain the broad and distinctive opportunities provided in our three undergraduate majors.

<table>
<thead>
<tr>
<th>Computer Science</th>
<th>Informatics</th>
<th>Intelligent Systems Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-depth technical and computational learning</td>
<td>Combination of technical and interdisciplinary learning</td>
<td>Intense computational learning with a focus on systems design</td>
</tr>
<tr>
<td>Prepares you to create technology</td>
<td>Prepares you to apply technology</td>
<td>Prepares you to create small-scale and mobile-centric technologies</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>
<td>Scope of learning is about depth of technical and small-scale engineering 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>
<td>Numerous career options that require deep engineering knowledge about small-scale and mobile technologies</td>
</tr>
<tr>
<td>Choose a specialization</td>
<td>Choose a cognate</td>
<td>Choose a concentration</td>
</tr>
</tbody>
</table>

“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
After researching information about informatics and speaking to an advisor, I made a decision to try it out. Informatics was a perfect fit and has provided unlimited resources to help me succeed not only here at IU but also in my future.

Keisha Gilbert
Major: Informatics
Cognate: Business
Minor: Psychology

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), a cognate (in Informatics), or a concentration (in Intelligent Systems Engineering) to combine your passions with technology. Academic and career advisors are with you at every turn to guide you along your journey.

INFORMATICS COGNATES

- Biology
- Business
- Chemistry
- Cognitive Science
- Computer Science
- Economics
- Fine Arts (Computer Art or Graphic Design)
- Geography
- Human-Centered Computing
- Individualized (New Media and others, subject to approval)
- Linguistics

COMPUTER SCIENCE SPECIALIZATIONS

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

INTELLIGENT SYSTEMS ENGINEERING CONCENTRATION

- Computer Engineering/Cyber-physical Systems
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.

LIVING LEARNING COMMUNITY

The SoIC Living Learning Center is the ideal place for first-year students to live and interact with other students pursuing degrees in the School. Students in this community form lasting relationships, enhance their leadership skills, and have numerous resources available to help them successfully transition to college life both socially and academically. Increased opportunities for mentoring, interacting with faculty, networking with employers, and programming will help facilitate a successful first year of college.

Learn more at livelearn.soic.indiana.edu.

Our students come from 38 states and 31 countries.
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 career services staff who will help you each step of the way. Take a look at our class of 2015 hiring statistics, compiled six months after graduation.

$20 average hourly pay for internships
$22 for computer science majors, $19 for informatics majors (based on 138 student-reported salaries)

95% secured employment or acceptance to graduate school within six months of graduation
86% accepted employment, 9% committed to graduate school

$59,000 average starting salary
$66,200 for computer science majors, $56,900 for informatics majors (based on 239 student-reported salaries)

$5,600 average signing bonus
$8,400 for computer science majors, $4,600 for informatics majors (based on 148 student-reported bonuses)

Common Job Titles:

Most Common Destinations: Full-Time
IN (34%) IL (23%) TX (11%) CA (5%) WI (5%)

Top Hiring Companies: Full-Time
GM accenture JPMorgan Chase & Co. Kohl’s
BLUE HORSE

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

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