Computer Science and Informatics at Indiana University South Bend
Undergraduate Programs

B.S. in Computer Science
B.S. in Informatics
A.S. in Computer Science

Minor in Computer Science
Minor in Computer Applications
Minor in Informatics
Minor in Cognitive Science

Certificate in Computer Programming
Certificate in Advanced Computer Programming
Certificate in Applied Informatics
Certificate in Computer Applications

www.cs.iusb.edu
Graduate Programs

M.S. in Applied Mathematics and Computer Science  
(joint with Department of Mathematical Sciences)

M.S. in Management of Information Technology  
(joint with School of Business and Economics)

Certificate in Technology for Administration  
(joint with School of Business and Economics)

www.cs.iusb.edu
Faculty

Emeritus Faculty
- **Knight, William**, Ph.D. in Mathematics (University of California, Berkeley, 1969), M.Sc. in Computer Science (University of Illinois, Urbana, 1986).
- **Russo, John**, Ph.D. in Mathematics (Florida State University, 1965).

Resident Faculty
- **Adaikkalavan, Raman**, Ph.D. in Computer Science (University of Texas at Arlington, 2006)
- **Hakimzadeh, Hossein**, Ph.D. in Computer Science (North Dakota State University, 1993).
- **Nair, Murli**, Ph.D. in Bioinformatics (University of Poona, India, 1996).
- **Santean, Nic**, Ph.D. in Computer Science (The University of Western Ontario, April 2006).
- **Scheessele, Mike**, Ph.D. in Quantitative & Mathematical Psychology (Purdue University, 2001).
- **Surma, Dave**, Ph.D. in Computer Science and Engineering (University of Notre Dame 1998).
- **Yu, Liguo**, Ph.D. in Computer Science (Vanderbilt University, 2004).
- **Vrajitoru, Dana**, D.Sci. in Computer Science (University of Neuchâtel, 1997).
- **Zhang, Liqiang**, Ph.D. in Computer Science (Wayne State University, 2005).
Areas of specialization

- Computer Networks
- Artificial Intelligence
- Algorithm Analysis
- Computational Analysis and Modeling
- Database Systems
- Computer Graphics
- Computer Security
- Compilers and Automata Theory
- Program Efficiency
- Software Engineering
- Operating Systems
- Parallel and Distributed Processing
In addition to numerous public computer laboratories, the department provides 4 additional laboratories for the exclusive use of our graduate and undergraduate students in computer science and Informatics.
Come join over 135 other computer science, and 40 Infomatics majors in our program.

- Join the Student Chapter of the Association of Computing Machinery (ACM)
IUSB has been offering degrees in computer science since 1983.

IUSB is the only public institution in the region (60 miles radius) equipped to offer quality undergraduate and graduate programs in computer science, information systems and informatics.

We have over 170 declared undergraduates in Computer Science and Informatics, and 30 graduate students in Applied Math and Computer Science.

Our class sizes average around 20 students, and almost never exceeding 30.

We have ten full time faculty with Ph.D. degrees in computer science or closely related areas.

We offer courses in South Bend, Elkhart and Plymouth campuses.

Our programs are based on the recommendations of the ACM and IEEE.

Our faculty conduct research in a number of areas in computer science, including artificial intelligence, computer graphics, computer networks, computer Security, algorithms, software engineering and database systems.

Our alumni have nearly 100% placement.

Nearly 75% of our alumni stay and work in the area, making our community stronger.

Typical salary for our new graduates in the region is approximately $40,000 to $52,000.
Employment

- There are excellent employment opportunities for our graduates. Almost every alumni of our program is gainfully employed.

- In our region, the average starting salary for our graduates is currently in the mid 40's. Nationally, salaries range from low 40's to upper 70's.

- According to predictions by the Bureau of Labor Statistics during the period between 2004 to 2014, five of the top 20 jobs are within the computer science discipline will experience significant growth.
Future Programs

Certificate in Software Engineering (post graduate, Fall 2009)

M.S. in Computer Science (Fall 2009)
Contact Information

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