

# Academic Programs

Esfan Haghverdi  
Executive Associate Dean for Academic Affairs

School of Informatics, Computing, and Engineering  
Indiana University Bloomington

February 11, 2019

- **2000**, School of Informatics
- **2005**, School of Informatics  
(CS joined the school)
- **2009**, School of Informatics and Computing
- **2013**, School of Informatics and Computing  
(SLIS joined the school)
- **2015**, Intelligent Systems Engineering Department and Program were approved
- **2017**, School of Informatics, Computing, and Engineering

# SICE Structure

- Department of Computer Science
- Department of Informatics
- Department of Information and Library Science
- Department of Intelligent Systems Engineering
- Data Science Program

- Undergraduate Degrees
  - Bachelor of Science in Computer Science  
(Specializations: AI, PL, Systems, Foundations, Security, Data Science, Software Engineering)
  - Bachelor of Arts in Computer Science  
(Administered by the College of Arts and Sciences)
  - Accelerated Master's Program in Computer Science
  - Minor in Computer Science

- Graduate Degrees
  - M.S. in Computer Science
  - M.S. in Bioinformatics
  - M.S. in Secure Computing
  - Dual Degree in Secure Computing and the Russian and East European Studies
  - Ph.D. in Computer Science
  - Ph.D. in Cognitive Science and Computer Science  
(A dual major in cognitive science and computer science)
  - Ph.D. Minor in Computer Science

- Undergraduate Degrees
  - Bachelor of Science in Informatics  
(Cognates in 30+ areas)
  - BSc Informatics → MSIS (Kelley School of Business)
  - BSc Informatics → MIS (ILS)
  - Certificate in Informatics
  - Minor in Human-Centered Computing
  - Minor in Informatics
  - Minor in Information Technology
  - Minor in Security Informatics

- Graduate Degrees

- M.S. in Informatics

- (Complex systems, proactive health informatics, human-computer interaction design, music informatics, intelligent and interactive systems, computing, culture and society, and virtual heritage)

- M.S. in Human-Computer Interaction Design

- Ph.D. in Informatics

- (Multiple tracks)

- Ph.D. Minors in Informatics

- (Bioinformatics, complex networks and systems, data science, human-computer interaction, informatics, music informatics, security informatics, and social informatics)

# Information and Library Science

- Minor in Intelligence Studies
- Master of Information Science (M.I.S.)
- Accelerated Master's Program in Information Science (B.S. or B.A. and a Master of Information Science)
- Master of Library Science (M.L.S.)
- Accelerated Master's Program in Library Science (B.S. or B.A. and a Master of Library Science)
- Ph.D. in Information Science
- Ph.D. minors: Information Science
- Graduate Certificate in Information Architecture



- Undergraduate Degrees
  - Bachelor of Science in Intelligent Systems Engineering  
(Concentrations: Computer Engineering/Cyber-physical Systems,  
Bioengineering, Molecular and Nanoscale Engineering)
  - Accelerated Master of Science in Intelligent Systems Engineering

- Graduate Degrees
  - Master of Science in Intelligent Systems Engineering
  - PhD in Intelligent Systems Engineering  
(Tracks : Bioengineering, Computer Engineering, Cyber-physical Systems, Environmental Engineering, Molecular and Nanoscale Engineering, Neuroengineering)

- Data Science GR CRT
- Data Science MS
- Data Science MS Online

# Graduate Certificates

- Graduate Certificate in Secure Computing
- Graduate Certificate in Cybersecurity Risk Management  
(jointly with Maurer and Kelley)

# Ranked List by Enrollment

- Data Science Online
- Data Science MS
- Computer Science PhD
- Computer Science MS
- Informatics PHD
- Library Science MLS
- Human Comp Interaction MS
- Intelligent Systems Engineering PhD
- Information Science MIS
- Data Science GR CRT
- Information Science PHD
- Computer Sci-BS/MS
- Intelligent Systems Engineering MS
- Cybersecurity GR CRT
- Secure Computing MS
- Informatics MS,
- Information Architecture GR CRT
- Bioinformatics MS

# Thank You!

ehaghver@indiana.edu