Cognitive Science Program

at Indiana University Bloomington is an interdisciplinary program dedicated to understanding the nature of minds and other intelligent systems. Our curriculum fosters skills in philosophical analysis, computation, neuroscience, research design, and statistics while delving into core topics in artificial intelligence, cognitive architecture, communication, consciousness, creativity, culture, expertise, information theory, language, learning, memory, perception, philosophy of mind, reasoning, representation, and social cognition.

Undergraduate Program: We offer stand-alone B.A. and B.S. degrees in Cognitive Science, as well as double-degree and minors. We offer research fellowships for visiting and summer students, and year-long laboratory research opportunities.

Graduate Program: Our program has over 90 graduate students pursuing stand-alone and double-degree Ph.D.s or Ph.D. minors. Fellowships are available to both entering and continuing students.

Facilities: a 3-Tesla fMRI neuro-imaging center, a state-of-the-science robotics laboratory, immersive virtual reality and visualization laboratories, advanced computer laboratories for studying large-scale social interaction, and a world-class supercomputer.

Faculty: Our internationally renowned faculty includes 57 core and 75 affiliated members, from eight departments in the College of Arts and Sciences, and the Schools of Informatics, Library and Information Science, Business, Music, Optometry, and Education. Our faculty is committed to in-depth interdisciplinary interaction.

For more information, visit www.cogs.indiana.edu or contact cogsci@indiana.edu to let us know what is on your mind.

Fields
- Anthropology
- Biology
- Computer Science
- Education
- Information Science
- Linguistics

Specialties
- Agent-environment interaction
- Analogy
- Animal behavior
- Artificial Life
- Cognitive development
- Cognitive neuroscience
- Complex systems
- Concepts & categorization
- Dynamical systems
- Embodied cognition
- Evolution & adaptation
- Judgment, reasoning, & decision making

Mathematics
- Neuroscience
- Philosophy
- Political Science
- Psychology
- Speech & Hearing

Language
- computation
- Learning science
- Machine learning
- Mathematical & computational models of thought
- Robotics
- Social networks
- Vision science

Indiana University is an Equal Opportunity/Affirmative Action Institution. If you have a disability or need assistance, arrangements can be made to accommodate most needs. Please contact us at (812) 855-2722.

Photos, from top: Slice of human cortex imaged on a 60-channel electrode array, courtesy of Jon Hindes and John Beggs. Eye tracking and position sensing equipment used in a multiscanner experiment, courtesy of Cheng Yu. A structural brain image from the new Siemens 3 Tesla MRI, courtesy of the IU Imaging Research Facility. ROBOKNOW-1, manufactured by Nihon Kohden.