

COGSCI COURSE TO CAREER GUIDE

TECHNOLOGY



COGSCI COURSES*

EECS 281 - Data Structures and Algorithms *c*
EECS 376 - Foundations of Computer Science *c*
EECS 442 - Computer Vision *c*
EECS 445 - Introduction to Machine Learning *c*
EECS 492 - Introduction to Artificial Intelligence *c*
EECS 498 - Special Topics: *Reinforcement Learning* *c*
EECS 498 - Special Topics: *Deep Learning* *c*
EECS 595/LING 541/SI 561 - Natural Language Processing *c l*
CMPLXSYS 511 - Theory of Complex Systems *c d*
COGSCI 209/LING 209/PSYCH 242 - Language and the Human Mind *c l p*
LING 441 - Intro to Computational Linguistics *c l*
LING 442 - The Anatomy of Natural Lang *c l*
LING 492 - Topics in Ling: *Computation and Data Science for Linguists* *c l*
PHIL 303 - Symbolic Logic *c p*
PHIL 340 - Minds and Machines *c d p*
PHIL 383 - Knowledge and Reality *c p*
PHIL 450 - Philosophy of Cognition *c p*
SI 260 - Opportunity in the Age of Intelligent Machines *c*
SI 388 - Putting the H in HCI: *Human Perception, Cognition, and Mental Processes* *c d*
SI 422 - Needs Assessment and Usability *c*

**c* = computation track | *d* = decision track
l = language track | *p* = philosophy track

OTHER COURSES

BIOINF 501 - Mathematical Foundations in Bioinformatics (non-LSA)
BIOINF 527 - Intro to Bioinformatics and Computational Biology (non-LSA)
EECS 373 - Introduction to Embedded System Design
EECS 388 - Introduction to Computer Security
EECS 485 - Web Systems
EECS 490 - Programming Languages
EECS 493 - Use Interface Development
EECS 495 - Software Development for Accessibility (non-LSA)
EECS 523 - Digital Integrated Technology (non-LSA)
SI 206 - Data-Oriented Programming
SI 301 - Models of Social Information Processing (non-LSA)
SI 370 - Data Exploration (non-LSA)
SI 425 - Introduction to User Modeling (non-LSA)
ORG STUDY 206 - Technological Innovation



DOUBLE MAJOR WITH

Computer Science | Data Science | Informatics | Information (School of Information)

MINOR IN

Complex Systems | Computer Science | Digital Studies | Mind and Meaning