

Lehigh University
Office of Interdisciplinary Programs
101 Williams Hall • 610-758-3996 • incasip@lehigh.edu
MINOR DECLARATION / REVISION FORM
A separate form must be submitted for EACH minor.

New Dropped Revised (Please explain nature of revision in space provided)

Please print clearly.

Name _____ Email _____@lehigh.edu

Cell Phone _____ Home Phone _____ Campus Box # _____

Student ID # _____ Class _____ Expected Graduation (Term/Year) _____ / _____

Interdisciplinary Program being declared, dropped or revised <i>(A separate form must be completed for each new minor, dropped minor or revision)</i>	Please check one minor
Africana Studies	
Asian Studies	
Classical Civilization	
Classics	
Cognitive Science	X
Environmental Studies	
Global Studies	
Health, Medicine & Society	
Jewish Studies	
Latin	
Latin American and Latino Studies	
Science, Technology & Society	
Sustainable Development	
Women, Gender & Sexuality Studies	

College of Primary Major (Please check one): CAS CBE COE CEAS

Degree Sought (Please check one): BA BS

Current Major(s)	Advisor (Please list advisor for each)	Advisor e-mail address
Primary Major:		
Secondary Major:		
Declared Minor(s) (Please list in order declared)		

** When the minor is completed satisfactorily, it will be recorded on the student's academic record upon graduation. THE MINOR WILL NOT APPEAR ON THE DIPLOMA.*

Approved by: _____
Student

_____ Date

_____ Program Director

_____ Date

Submit completed forms to the Office of Interdisciplinary Programs, 101 Williams Hall

For OIP use only

Received on ____/____/____

Copies distributed on ____/____/____

Initials: _____

- Dean's Office, College of A&S
- Registrar
- Program Director
- Major Advisor(s)
- Minor Advisor(s)
- Student

Cognitive Science

The minor in Cognitive Science requires five courses: COGS 7 and four additional courses selected from among the major's core courses and major electives, with at least two of these being Disciplinary Core Courses.

Course No.	Course Title	Credits	Semester
COGS 7	Introduction to Cognitive Science	4	
TOTAL CREDITS =			

Minors must be submitted by the end of the student's fifth semester. IF THE COURSE REQUIREMENTS CHANGE OR A STUDENT WISHES TO VARY THE ABOVE LISTED COURSES, A REVISED MINOR DECLARATION FORM SIGNED BY THE MINOR ADVISOR MUST BE SUBMITTED

Disciplinary Core Courses (minimum 2 courses)

COGS 117 (PSYC 117) Cognitive Psychology (4)
 COGS 176 (PSYC 176) Cognitive Neuroscience (4)
 COGS 250 (PHIL 250) Philosophy of Mind (4)
 COGS 327 (CSE 327) Artificial Intelligence Theory and Practice (3)

BIOS 386 Genes and the Brain (3)
 PSYC 316 The Talking World: Psychology & Neuroscience of Speaking (4)
 PSYC 347 Cognitive Neuroscience of Memory (3)
 PSYC 355 Seminar in Cognitive Science (4)
 PSYC 369 Memory Under Construction (4)
 PSYC 377 Attention and Attentional Failures (4)
 PSYC 433 Cognitive Science Neuroscience Techniques (3)

Major Electives

Artificial Intelligence and Formal Models:

CSE 17 Programming and Data Structures (3)
 CSE 42 Game Design (3)
 CSE 261 (MATH 261) Discrete Structures (3)
 CSE 262 Programming Languages (3)
 CSE 318 Introduction to the Theory of Computation (3)
 CSE 326 Fundamentals of Machine Learning (3)
 CSE 331 User Interface Systems and Techniques (3)
 CSE 335 Topics in Intelligent Decision Support Systems (3)
 CSE 337 Reinforcement Learning (3)
 CSE 347 Data Mining (3)
 CSE 348 AI Game Programming (3)
 CSE 360 Introduction to Mobile Robotics (3)
 CSE 428 Semantic Web Topics (3)
 CSE 431 Intelligent Agents (3) *(for undergraduate students who qualify)*
 PHIL 114 (MATH 114) Symbolic Logic (4)
 PHIL 214 (MATH 214) Topics in Philosophical Logic (4)
 PHIL 265 Philosophy of Mathematics (4)
 MATH 303 (PHIL 303) Mathematical Logic (3,4)
 MATH 304 Axiomatic Set Theory (3,4)
 MATH 329 Computability Theory (4)

Cognition, Culture, and Meaning:

COGS 140 (ANTH/MLL 140) Introduction to Linguistics (4)
 ANTH 376 Culture and the Individual (4)
 CSE 252 Computers, the Internet, and Society (3)
 PHIL 128 Philosophy of Science (4)
 PHIL 135 Modern Philosophy (4)
 PHIL 139 Contemporary Philosophy (4)
 PHIL 220 Theory of Knowledge (4)
 PHIL 228 Topics in the Philosophy of Science (4)
 PHIL 260 Philosophy of Language (4)
 PSYC 307 Higher Order Cognition (4)
 PSYC 313 Person Perception (4)
 PSYC 314 Social Cognition (4)
 PSYC 320 Psychology of Language (4)
 PSYC 344 (HMS 344) Health Care Reasoning and Decision-Making (4)
 PSYC 351 Cognitive Development (4)
 PSYC 358 Inside the Infant Mind (4)
 PSYC 362 Cognition in Practice and Policy (4)
 PSYC 365 (GS 365) Human Development in Cross-Cultural Perspective (4)
 PSYC 384 Self and Identity (4)
 SOC 135 (JOUR 135) Human Communication (4)

Cognitive Neuroscience:

ANTH 012 Human Evolution and Prehistory (4)
 ANTH 145 Human Evolution (4)
 BIOS 121 Comparative/Integrative Biology for BIOS Minors (3)
 BIOS 276 Central Nervous System and Behavior (3)
 BIOS 277 Experimental Neuroscience Lab (2)
 BIOS 365 Neurobiology of Sensory Systems (3)
 BIOS 366 Diseases of the Nervous System (3)
 BIOS 382 Endocrinology of Behavior (3)
 BIOS 385 Neurophysiology and Memory (3)