Major Related Courses (24 hours)
Select 4 courses each from 2 of the following 3 Concentration Areas

Core Courses for Psychology/HCI Concentration Area
(select 12 hours from list of courses below)

- CGS 3325 Historical Perspectives: Mind and Machines Since 1600
- CGS 4359 Cognitive-Neuroscience
- CGS 4362 Perception
- CGS 4352 Human Computer Interactions I
- CGS 4353 Human Computer Interactions II
- CGS 4355 Human Computer Interactions Lab
- PSY 4374 Human Judgment and Decision Making
- PSY 3331 Social Psychology
- PSY 4343 Abnormal Psychology
- PSY 2314 Lifespan Development (must take additional upper level course if PSY 2314 is taken)
- PSY 3310 Child Development
- PSY 3362 Cognitive Development

Core Courses required for Cognitive-Neuroscience Concentration Area
(select 12 hours from list of courses below)

- NSC 4352 Cellular Neuroscience
- NSC 4354 Integrative Neuroscience
- NSC 4356 Neurophysiology
- NSC 4366 Neuroanatomy
- NSC 4363 Neuropharmacology
- NSC 4367 Developmental Neurobiology
- NSC 4359 Cognitive Neuroscience
- NSC 4353 Neuroscience Laboratory Methods
- NSC 4357 Neurobiology of Learning and Memory
- NSC 4362 Molecular Neuroscience
- NSC 4371 Neural Plasticity
- NSC 4373 Sensory Neuroscience
- NSC 4385 Neuropsychology

Core Courses required for AI/Computational Modeling Concentration Area
(select 12 hours from list of courses below)

- CGS 3342 Cognitive and Neural Modeling Lab
- CGS 4312 Computational Models of Language Understanding
- CGS 4313 Neural Net Mathematics
- CGS 4314 Intelligent Systems Analysis
- CGS 4315 Intelligent Systems Design
- CS 3345 Data Structures and Introduction to Algorithmic Analysis
- CS 4365 Artificial Intelligence
- CS 4375 Introduction to Machine Learning
- CS 4391 Introduction to Computer Vision