

# COGNITIVE SCIENCE FALL 2018

PROFESSOR BARBARA MALT  
PROGRAM DIRECTOR / BCMO@LEHIGH.EDU

## CORE & ELECTIVE COURSES

**ANTH 012-10 Human Evolution and Prehistory (NS)**  
CRN 42909 / 4 credits / *Professor Wesson*  
T, R; 10:45 - 12:00 p.m.

**PSYC 012-10 Intro to Human Neuroscience (NS)**  
CRN 43518 / 4 credits / *Professor Carlisle*  
M, W; 12:45 - 2:00 p.m.

**CSE 017 Programming and Data Structures (MA)**  
multiple sections, refer to online schedule / 3 credits

**PSYC 110 Statistical Analysis of Behavioral Data**  
4 credits / Department permission required  
*Professor Arrington*  
Section 10 - CRN 40298  
M, W, F; 10:10 - 11:00 a.m. & R 1:10 - 2:00 p.m.  
Section 11 - CRN 43463  
M, W, F; 10:10 - 11:00 a.m. & R 3:10 - 4:00 p.m.

**PHIL, MATH 114-10 Symbolic Logic (MA)**  
CRN 44324 / 4 credits / *Staff*  
T, R; 9:20 - 10:35 a.m.

**COGS, PSYC 117-10 Cognitive Psychology (SS)**  
CRN 41512 / 4 credits / *Professor O'Seaghdha*  
Pre-requisite PSYC 001 or COGS 007  
T, R; 2:35 - 3:50 p.m.

**BIOS 121-10 Comparative/Integrative Biology (NS)**  
CRN 42411 / 3 credits / *Professors Itzkowitz & Cundall*  
M, W, F; 11:10 - 12:00 p.m.

**PHIL 139-10 Contemporary Philosophy (HU)**  
CRN 44321 / 4 credits / *Professor Kautzer*  
T, R; 2:35 - 3:50 p.m.

**COGS, MLL, ANTH 140-10 Intro to Linguistics (SS)**  
CRN 43958 / 4 credits / *Professor Lee*  
M, W 12:45 - 2:00 p.m.

**COGS 161 Supervised Research**  
Instructor permission required

**PHIL, COGS 250-10 Philosophy of Mind (HU)**  
CRN 44526 / 4 credits / *Professor Casati*  
T, R; 10:45 - 12:00 p.m.

**STS, CSE, EMC 252-10 Computers, the Internet & Society (SS)**  
CRN 40719 / 3 credits / *Writing Intensive / Professor Davison*  
T, R; 9:20 - 10:35 a.m.

**CSE 262 Programming Languages**  
Section 10 - CRN 40777 / 3 credits / *Professor Femister*  
M, W, F; 2:10 - 3:00 p.m.  
Section 11 - CRN 42916 / 3 credits / *Professor Femister*  
M, W, F; 11:10 - 12:00 p.m.

**PSYC 314-10 Social Cognition (SS)**  
PSYC dept permission required  
CRN 44196 / 4 credits / *Professor Moskowitz*  
M, W, F; 10:10 - 11:00 a.m.

**PSYC 316-10 Talking World: Psychology and Neuroscience of Speaking (NS)**  
PSYC dept permission required  
CRN 43984 / 4 credits / *Professor O'Seaghdha*  
T, R; 10:45 - 12:00 p.m.

**CSE 331-10 User Interface Systems and Techniques**  
CRN 43690 / 3 credits / *Professor Baumer*  
M, W; 12:45 - 2:00 p.m.

**PSYC 347-10 Cognitive Neuroscience of Memory (NS)**  
PSYC dept permission required  
CRN 43987 / 4 credits / *Professor Hupbach*  
T, R; 2:35 - 3:50 p.m.

**CSE 347-10 Data Mining**  
CRN 42921 / 3 credits / *Professor Wang*  
T, R; 10:45 - 12:00 p.m.

**COGS 361 Independent Research**  
Instructor permission required

**BIOS 365-10 Neurobiology of Sensory Systems**  
CRN 42795 / 3 credits / *Professor Burger*  
M, W; 8:45 - 10:00 a.m.

**BIOS 366-10 Diseases of the Nervous System (NS)**  
CRN 43959 / 3 credits / *Professor Simon*  
W; 1:10 - 4:00 p.m.

**BIOS 382-10 Endocrinology of Behavior (NS)**  
CRN 40024 / 3 credits / *Professor Schneider*  
T, R; 10:45 - 12:00 p.m.

**BIOS 385-10 Synapses, Plasticity and Learning**  
CRN 43527 / 3 credits / *Professor Haas*  
M, W; 11:10 - 12:25 p.m.

**ES, PSYC 398-10 Psychology of Environmental Issues (SS)**  
CRN 43536 / 4 credits / *Professor Malt*  
M, W; 2:35 - 3:50 p.m.

*Environmental problems and solutions begin with the thoughts, feelings, and behaviors of individual people. We will examine Western ways of relating to nature and the beliefs people hold about it, how they reason about environmental issues, and how they perceive environmental risk and make decisions. We will also consider environmental communication and attitude and behavior change, exploring arenas ranging from patterns of consumption and recycling to climate change. Research methods for investigating these issues will be introduced.*

**SENIOR PROJECT** (instructor permission required)

**COGS 301 Senior Project: Proposal**  
**COGS 302 Senior Project: Thesis**  
**COGS 391 Honors Thesis: Proposal**  
**COGS 392 Honors Thesis: Project Execution and Thesis**

**COLLATERAL COURSES**

**CSE 001 Breadth of Computing**  
Section 10 - CRN 42207 / 2 credits / *Professor Lopresti*  
T, R; 2:35 - 3:50 p.m.  
Section 11 - CRN 42951 / 2 credits / *Professor Femister*  
T, R; 1:10 - 2:25 p.m.

**CSE 002 Fundamentals of Programming**  
multiple sections available, refer to online schedule / 2 credits

**MATH 021 Calculus I**  
multiple sections, refer to online schedule / 4 credits

**MATH 051 Survey of Calculus**  
multiple sections, refer to online schedule / 4 credits

**PSYC 210 Experimental Research Methods and Laboratory**  
PSYC dept permission required  
Section 60 - CRN 40299 / 4 credits / *Staff*  
M, W; 1:10 - 4:00 p.m.  
Section 61 - CRN 40300 / 4 credits / *Professor Barrett*  
T, R; 1:10 - 4:00 p.m.

**SOAN 111 Research Methods and Data Analysis (SS)**  
CRN 41720 / 4 credits / *Professor Austin*  
T, R; 1:10 - 2:25 p.m.

**ECO 45 Statistical Methods**  
multiple sections, refer to online schedule / 3 credits

**CSE 160-10 Intro to Data Science**  
CRN 43798 / 3 credits / *Professor Davison*  
M, W, F; 10:10 - 11:00 a.m.