

The Ohio State University  
College of Arts and Sciences

Cognitive Science Minor (COGNITS-MN)

Center for Cognitive and Brain Sciences  
58 Psychology Building  
1835 Neil Avenue  
Columbus, OH 43210

<http://cog.osu.edu>

Faculty advisor: Dr. Rachael Frush Holt (holt.339@osu.edu)

Cognitive science is an interdisciplinary study of the mind that incorporates psychological, philosophical, linguistic, neurobiological, and artificial intelligence approaches to how knowledge is acquired, processed, and represented in the mind. The minor in cognitive science consists of at least five courses totaling 15 credit hours.

- You cannot use courses from the department of your major to satisfy the minor, except when your major is psychology.
- Courses selected to fulfill the area/module and elective course work requirements must come from at least two different departments.
- You may request that the undergraduate advisor in cognitive science approve a non-standard module.

### 1. Required Foundation

*Introduction to Cognitive Science*: Cross-listed as CSE 5531, Ling 5612, Philos 5830, and Psych 5612.

### 2. Area Requirement

Select at least **two** courses from **one** of the following six areas.

#### Neurobiological Foundations

Evolution, Ecology & Organismal Biology: 4550  
Psychology: 3313, 3513, 4501, 5425, 5614, 5618, 5870  
Speech & Hearing Science: 5760

#### Cognition

Educational Psychology: 2309  
Industrial & Systems Engineering: 3700  
Psychology: 3310, 3312, 3550, 4508

#### Computation

Computer Science & Engineering: 3321, 3521, 5321, 5522, 5526, 5914  
Linguistics: 3802, 5801  
Psychology: 5608

#### Language

Linguistics: 2001, 3701, 4100, 4200, 4300, 4400, 5101, 5201, 5301, 5401, 5701  
Psychology: 3371, 4554  
Speech & Hearing Science: 3330, 4420

#### Perception

Electrical and Computer Engineering: 5460  
Psychology: 3302, 3310, 5309, 5606  
Speech & Hearing Science: 4440

#### Philosophical Foundations

Philosophy: 2500, 3600, 3750, 3800, 5500, 5600, 5750, 5840

### 3. Electives

Select **two** courses from the options in #2 that are in one or more areas that are **NOT** the area you chose for satisfying the requirement in #2.

### Cognitive Science minor program guidelines

Required for graduation No

#### Credit hours required

A minimum of 15 credit hrs. 1000-level courses shall not be counted in the minor. At least 6 credit hrs must be upper-level courses as defined by the College of Arts and Sciences.

#### Transfer and EM credit hours allowed

A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

#### Overlap with the GE

A student is permitted to overlap up to 6 credit hours between the GE and the minor.

#### Overlap with the major and additional minor(s)

- The minor must be in a different subject than the major.
- The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

#### Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.
- No more than 3 credit hours of coursework graded Satisfactory/Unsatisfactory may count toward the minor.

X193 credits No more than 3 credit hours.

#### Minor approval

The minor program must be approved by the academic unit offering the minor.

#### Filing the minor program form

The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

#### Changing the minor

Once the minor program is filed in the college office, any changes must be approved by the academic unit offering the minor.

College of Arts and Sciences  
Curriculum and Assessment Services  
154 Denney Hall,  
164 Annie and John Glenn Ave.  
<http://artsandsciences.osu.edu>

Received 8/12/12 DH  
Updated 4/23/13 DH  
BV 7-24-15  
Updated 11-8-17 Dh  
Updated 10-1-18 DH  
Updated 5-12-20 DH  
Updated 5-21-20 DH