Cognitive science is an interdisciplinary study of the mind that incorporates psychological, philosophical, linguistic, biological, 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 20-25 credit hours as described below.

If you complete the minor following the guidelines on this sheet, you should file the Minor Program Form with a college or school counselor. Any variation from the program described below needs the approval of the undergraduate advisor in the center. For further information about the minor, contact the Center for Cognitive Science.

cog.ohio-state.edu

Cognitive science minor program guidelines

- You cannot use courses from the department of your major to satisfy the minor, except when your major is psychology. Psychology majors may include psychology courses on the cognitive science minor, but those courses cannot count toward the major.
- 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.

Required course (5 credit hours)
Introduction to Cognitive Science is listed as Computer Science and Engineering 612, Linguistics 612, Philosophy 612, and Psychology 612 in the Course Offerings Bulletin.

Area/module requirement
Select at least two courses from one of the following areas.

- Biological foundations
  Evolution, Ecology, and Organismal Biology 540, 632
  Psychology 313, 501, 513
  Speech and Hearing Science 765

- Cognition
  Psychology 312, 503, 630

- Computation
  Computer Science and Engineering 625, 630, 730, 731, 779
  Linguistics 684.01
  Psychology 608

- Decision and action
  Industrial and Systems Engineering 573
  Psychology 508, 620

- Language
  Linguistics 371, 601, 615, 681, 683.01
  Psychology 302
  Speech and Hearing Science 420, 330(430), 776

Perception
Psychology 310, 603, 606, 619, 625
Speech and Hearing Science 440, 775

Philosophical foundations
Philosophy 250, 460, 473, 653, 660, 667, 673

Elective courses
The remaining two courses are to be selected from any of the courses listed in the area/module section that were not used to fulfill that requirement.

Arts and Sciences minor program guidelines

- Required for graduation  No
- Credit hours required  A minimum of 20 (some minors require more)
- Transfer credit hours allowed  A maximum of 10
- Overlap with the GEC  Permitted, unless specifically disallowed by an individual minor program.
- Overlap with the major  Not allowed and
  - The minor must be in a different subject than the major.
  - The same courses cannot count on the minor and on the major.
- Overlap between minors  Each minor completed must contain 20 unique hours.
- 100-level course  For every five credit hours of 100-level course work on the minor, the minimum total required for the minor is increased by five.
- 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.
- Approval required  The minor program description sheet indicates if the minor course work must be approved by:
  - The academic unit offering the minor, or
  - A college/school counselor.

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, or
  - A college/school counselor (depending on the minor).