

**The Ohio State University
Colleges of the Arts and Sciences
Interdisciplinary Programs**

Cognitive Science Minor (CognitSc, 111)

Center for Cognitive Science, 208 Ohio Stadium East, 1961 Tuttle Park Place Columbus, OH 43210-1336; 614-292-8200; <http://www.cog.ohio-state.edu>

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 adviser in the center. For further information about the minor, contact the Center for Cognitive Science.

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 adviser 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

The following guidelines govern minors.

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.

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).

ASC Curriculum Office <http://artsandsciences.osu.edu/>
The Ohio State University
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SMH 02/25/08