

The Ohio State University
College of Arts and Sciences

Computational Science Minor

Arts and Sciences Advising and Academic Services
100 Denney Hall
164 West 17th Avenue
Columbus, OH 43210
<http://ascadvising.osu.edu>

The minor in computational science consists of 18 credit hours of course work:

A simulation and modeling course (Math 1157, CSE 2021, ISE 5100, ME 5372, or MATSCEN 4321), either CSE 1221 or 2221, a numerical methods course (CSE 5361, ECE 5510, MATH 3607, MATH 3401, AERO 3581, MATH 5401, or ME 2850), a capstone research or internship using an approved departmental research course designation, one discipline specific computational modeling course (CHEM 5440, MICROBIO 5161H, CSE 3521, CSE 3341, BMI 5730, MATH 5651, PHYS 6810, LING 5801, LING 5802, ECON 4050, ECON 5001, GEOG 5221, PSYCH 5608, PSYCH 5609, PSYCH 5618, OR EARTHSC 5642), and one elective (MATH 2255, MATH 2415, MATH 2568, CSE 5441, CSE 5544, CEG 4760, ECE5759, ISE 3200, or MATSCEN 4181). Of these courses, at least 12 credit hours **must** be at the 2000 level or above.

After the Arts and Sciences advisor has approved your Minor Program Form, you should file the form with your college or school counselor. For further information about the minor program, contact ASC advising.

Computational Science Minor Program Guidelines

The following guidelines govern this minor.

Required for graduation No

Credit hours required 18 credit hours. Of these, at least 12 credit hours **must** be at the 2000 level or above.

Transfer credit hours allowed At least half of the credits counting toward the minor must be earned in regular OSU coursework.

Overlap with the GE Permitted up to 6 hours.

Overlap with the major and additional minor(s)

- The minor is interdisciplinary and is available for any major in Arts and Sciences.
- 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 course graded Satisfactory/Unsatisfactory may count toward the minor

Approval required The minor program should be approved by an advisor in ASC Advising or your departmental advisor in ASC. Requests to include in the minor any courses not listed herein must be submitted to the coordinator of the minor program Greg Kilcup, Department of Physics, kilcup.1@osu.edu.

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 or school counselor. You should plan to file the form as soon as you have decided to pursue the minor.

Changing the minor program Once the minor program is filed in the college office, any changes must be approved by an ASC advisor or the coordinator of the program.