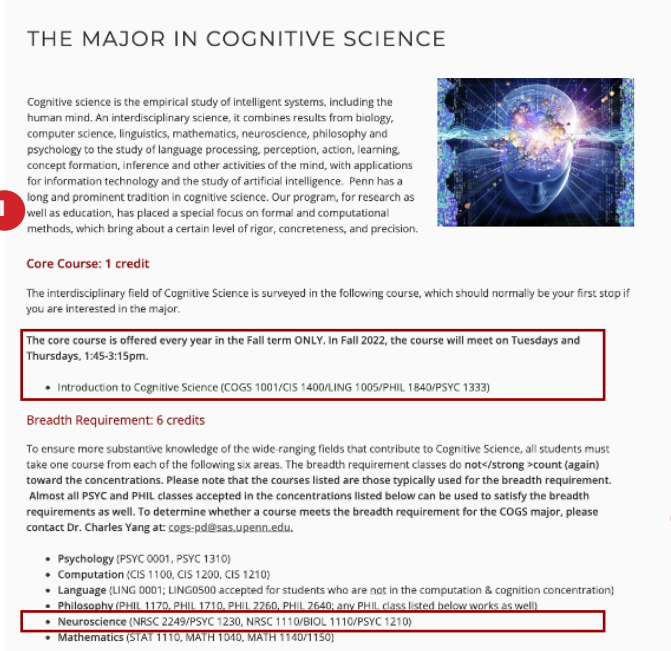
How to find a major or minor requirement in the @Penn systems

College of Arts & Sciences
University of Pennsylvania

1. You can go to the major or minor department website. A list of departments and programs with links to their requirements are on the College website. Note the 4-digit number of the requirement.



THE MAJOR IN COGNITIVE SCIENCE

Cognitive science is the empirical study of intelligent systems, including the human mind. An interdisciplinary science, it combines results from biology, computer science, linguistics, mathematics, neuroscience, philosophy and psychology to the study of language processing, perception, action, learning, concept formation, inference and other activities of the mind, with applications for information technology and the study of artificial intelligence. Penn has a long and prominent tradition in cognitive science. Our program, for research as well as education, has placed a special focus on formal and computational methods, which bring about a certain level of rigor, concreteness, and precision.

1

Core Course: 1 credit

The interdisciplinary field of Cognitive Science is surveyed in the following course, which should normally be your first stop if you are interested in the major.

The core course is offered every year in the Fall term ONLY. In Fall 2022, the course will meet on Tuesdays and Thursdays, 1:45-3:15pm.

- Introduction to Cognitive Science (COGS 1001/CIS 1400/LING 1005/PHIL 1840/PSYC 1333)

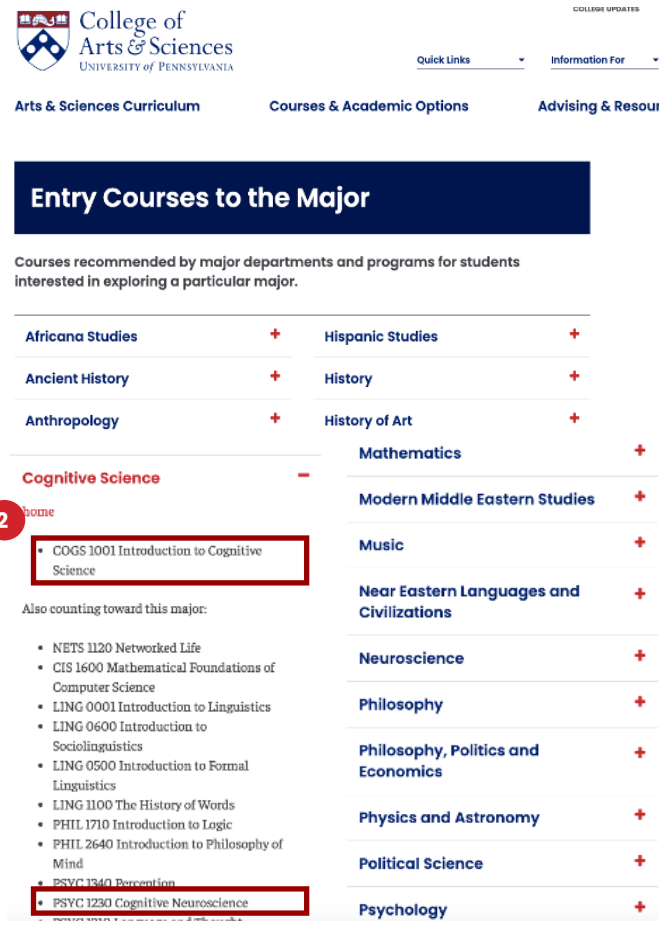
Breadth Requirement: 6 credits

To ensure more substantive knowledge of the wide-ranging fields that contribute to Cognitive Science, all students must take one course from each of the following six areas. The breadth requirement classes do notcount (again) toward the concentrations. Please note that the courses listed are those typically used for the breadth requirement. Almost all PSYC and PHIL classes accepted in the concentrations listed below can be used to satisfy the breadth requirements as well. To determine whether a course meets the breadth requirement for the COGS major, please contact Dr. Charles Yang at: cogs-pd@sas.upenn.edu.

- **Psychology** (PSYC 0001, PSYC 1310)
- **Computation** (CIS 1100, CIS 1200, CIS 1210)
- **Language** (LING 0001; LING0500 accepted for students who are not in the computation & cognition concentration)
- **Philosophy** (PHIL 1170, PHIL 1710, PHIL 2260, PHIL 2640; any PHIL class listed below works as well)
- **Neuroscience** (NRSC 2249/PSYC 1230, NRSC 1110/BIOL 1110/PSYC 1210)
- **Mathematics** (STAT 1110, MATH 1040, MATH 1140/1150)

   a. If the department or program website does not list the 4-digit number, but has the course titles listed, note the course title.

2. If you are just starting your major or minor exploration, you can refer to the Entry Courses to Majors page on the College website at https://www.college.upenn.edu/entry-courses. Note the course numbers.



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COLLEGE UPDATES

Quick Links | Information For

Arts & Sciences Curriculum | Courses & Academic Options | Advising & Resour

Entry Courses to the Major

Courses recommended by major departments and programs for students interested in exploring a particular major.

Africana Studies +
Ancient History +
Anthropology +
Cognitive Science −

2

- COGS 1001 Introduction to Cognitive Science

Also counting toward this major:

- NETS 1120 Networked Life
- CIS 1600 Mathematical Foundations of Computer Science
- LING 0001 Introduction to Linguistics
- LING 0600 Introduction to Sociolinguistics
- LING 0500 Introduction to Formal Linguistics
- LING 1100 The History of Words
- PHIL 1710 Introduction to Logic
- PHIL 2640 Introduction to Philosophy of Mind
- PSYC 1340 Perception
- PSYC 1230 Cognitive Neuroscience

Hispanic Studies +
History +
History of Art +
Mathematics +
Modern Middle Eastern Studies +
Music +
Near Eastern Languages and Civilizations +
Neuroscience +
Philosophy +
Philosophy, Politics and Economics +
Physics and Astronomy +
Political Science +
Psychology +

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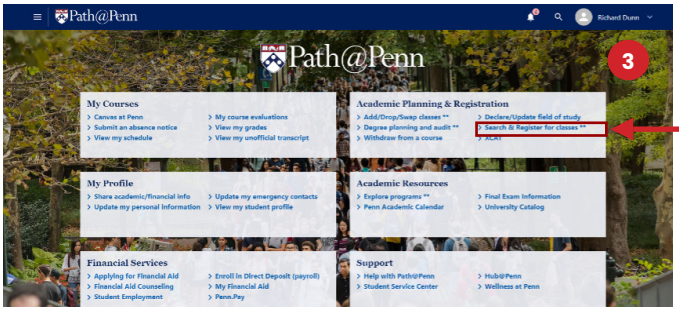
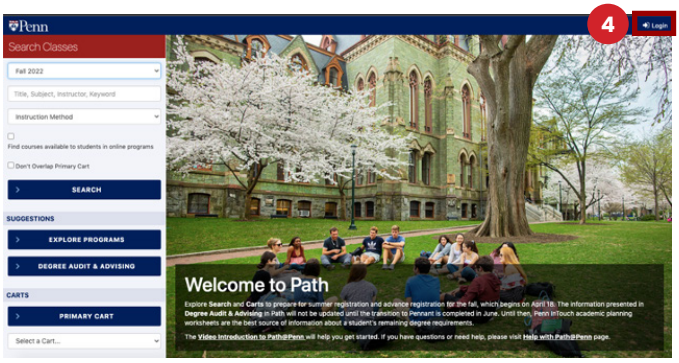
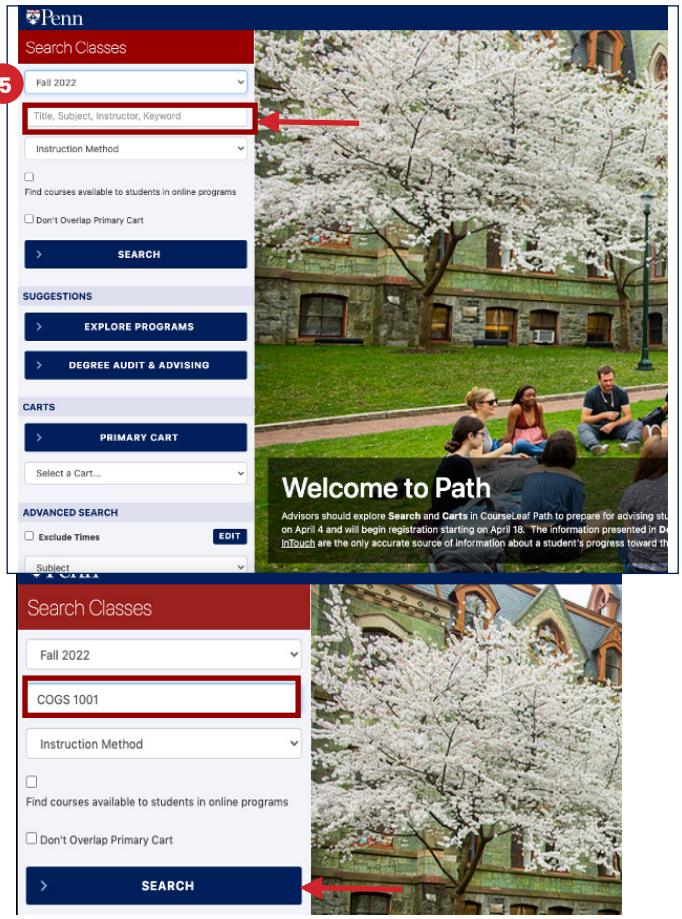
3. Once you have collected information about the 4-digit numbers or course title for the major or minor requirements you need, login to Path@Penn. Click on “Search & Register for classes.”



4. Click on “Login” in the upper right hand of the screen.



5. In the text field under “Search Classes,” enter the 4-digit course number (e.g. COGS 1001) or the title of the course and click “Search.” Make sure to leave a space between the subject code and the 4-digit number. If the course does not appear, it is not offered this semester.



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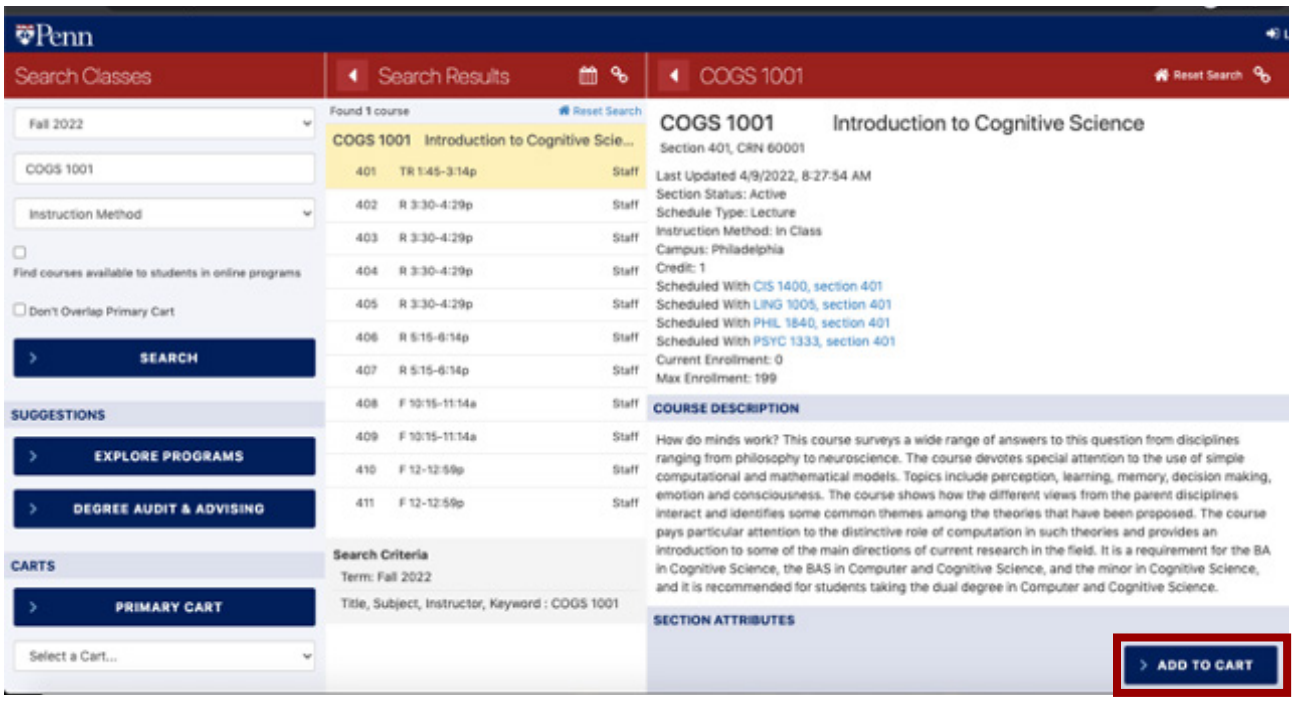
6. Click on the course to see course details. If you are interested in taking the course, add it to a cart. If "Add to Cart" does not appear, click on the recitation or lab section and it should appear.



Note that you will not be able to access your "Primary Cart" until Advance Registration opens. When it does open, you will use your Primary Cart to submit your registration requests. See more information about how to rank and submit your requests on the College site.

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