

Special Programs

evidence of writing proficiency, successful completion of an interview with Fresno State faculty, and two letters of recommendation. Assuming that these requirements are met, teachers working full-time under an intern credential in a public elementary school or as a half-time practice teacher in an elementary school will qualify for CalStateTEACH. Assuming they are otherwise qualified, some elementary private school teachers, and long-term elementary substitute teachers may be accepted into the program. This determination will be made on an individual basis, according to program specifications. Candidates must have access to a multiple subject classroom in which the core curriculum is taught to all students. Candidates must have a minimum of 17.5 hours/week of contact with children in a classroom.

4. Professional Preparation:	<i>Units</i>
Conventional Option	
Term 1: CST 401	10
Term 2: CST 402	10
Term 3: CST 403	10
Term 4: CST 404	<u>10</u>
Total	40*
Professional Preparation:	
Split-Track Option	
Term 1: CST 401A	7
Term 1: CST 401B	3
Term 1: CST 401F	3**
Term 2: CST 402	10
Term 3: CST 403	10
Term 4: CST 404	<u>10</u>
Total	40/43*
CST 444: Required	
CSET Prep Course	3/6
Total	43/49

* Twenty units are practice or intern teaching, observation, and application in the classroom. The remaining 20 units are devoted to the regular multiple subject credential coursework; plus the infusion of crosscultural, language, and academic development; mainstreaming; and technology curriculum.

** To be taken concurrently with CST 401B for those who have not passed CSET.

See page 281 for courses.

Cognitive Science

Bachelor of Science in Cognitive Science

The general objectives for the B.S. in Cognitive Science are to develop and provide a thorough foundation in the study of cognitive science, drawing in perspectives from computer science, linguistics, philosophy, and psychology; to provide a foundation in cognitive science with which students will be able to pursue graduate education in cognitive science, computer science, linguistics, philosophy, psychology, or related fields; and to provide a foundation for the pursuit of jobs in business and industry where a multidisciplinary background is highly desirable.

The primary instructional objectives of the B.S. in Cognitive Science are to give an education in recent approaches to cognition and cognitive science and to give an overview of current methodologies used within cognitive science, including those methodologies used in the core disciplines of computer science, linguistics, philosophy, and psychology.

Cognitive Science Major *Units*

Major requirements 49-53

The core consists of the two cognitive science foundational courses, plus a set of courses from each of the primary cognitive science disciplines represented at Fresno State: computer science, communicative disorders, linguistics, philosophy, and psychology.

Core requirements..... 40-41

CGSCI 100, 101; CSCI 40, 41; LING 100, 152; PHIL 45; PSYCH 42, 128, 144; CSCI 60 or MATH 114

Area courses and electives 9-12

Area Courses(6-8)

Select two courses from one of the following areas.

- A. Cognition and Knowledge
PSYCH 121, 124; PHIL 145
- B. Language
PHIL 146; CDDS 172;
LING 139, 142, 143, 165

- C. Computer Science and Informatics
IS 174; CSCI 119, 164, 166

Electives(3-4)

Additional requirements

(Double counted in G.E.)

PHIL 151; PSYCH 10, 126

General Education requirements.....51

Remaining degree requirements ... 16-20

Total120

Advising Note

It is recommended that students taking the Cognition and Knowledge Representation area courses be advised by appropriate faculty in psychology and philosophy, students taking the Language area courses be advised by appropriate faculty in linguistics and communicative disorders, and students taking the Computer Science and Informatics area courses be advised by appropriate faculty in computer science. *Advisers should also note that many of the prerequisites for electives and area courses in the major are satisfied simply by taking core courses in the sequences prescribed by their respective departments.*

Cognitive Science Minor

The Cognitive Science Minor requires 18-22 units. Students are required to take the two foundational CGSCI courses: CGSCI 100 (4 units) and CGSCI 101 (3 units).

In addition, students are required to take four courses (12-16 units) from the list below, with no more than two courses from the same department. *Please note:* students are not allowed to count any courses taken as part of the Cognitive Science Minor toward their major.

Units

Foundational courses:
CGSCI 100, 101 7
Four of the following: CSCI 119*, 164*, 166*; CDDS 172; PHIL 145, 146, 151; PSYCH 121, 124**, 126**, 128; LING 142***, 143***, 152***, 165***; IS 174..... **12-16**

Total 19-23

* These courses have the following prerequisites: CSCI 40, 41, 60. CSCI 119 is also a prerequisite for CSCI 164 and 166.

** These courses have the following prerequisites: PSYCH 10, 42, 144.

*** These courses have the following prerequisites: LING 100.