Requirements

The General Education Program requires students to complete a minimum of 51 semester units. This includes 18 units minimum in CORE, 27 units minimum in BREADTH, and 9 upper-division units minimum, of which 6 units are in CAPSTONE. The 9 upper-division units can be taken only after completing 56 units of coursework. Also, 9 units must be taken in residence at CSU, Fresno.

Because the goal of General Education is to provide a solid foundation with a broad scope and the goal of the major is to provide depth in a specific discipline or program, the following stipulations apply:

1. CORE courses may be used to satisfy any degree requirements.
2. A maximum of two General Education courses from one department or program may be applied to satisfy BREADTH requirements. (However, a department or program may prohibit any General Education BREADTH course from simultaneously satisfying its own departmental or programmatic requirements.)
3. Courses used to satisfy CAPSTONE may not be used to satisfy requirements for the major.

CORE

An educated person must be able to read critically, communicate effectively, and think clearly. CORE serves to develop these skills. It is important to take CORE courses soon after entry into the university.

Select one course from each of the following six categories for a minimum of 18 units:

1. English 1
2. Speech 3, 5, 7, or 8
3. Mathematics 11, 45, 72, 75
   Computer Science 20, 40
   Psychology 42
   Agricultural Economics 71
4. Critical Thinking:
   Philosophy 25, 45
   Additional courses to be added; check with your adviser *or contact the* Office of Advising and Orientation, *Joyal Administration Building, Room 210, (209) 294-2924.*
5. History 11 or 12
6. Political Science 2 or 101

BREADTH

The BREADTH component of the General Education Program exposes students to a variety of disciplines within the structured framework of Divisions 1–9.

Select one course each from Divisions 1–9. All courses from Divisions 1 and 2 must have a laboratory component.

Division 1—Physical Processes

Purpose: To understand fundamental principles in the physical sciences and the methods of developing and testing hypotheses used in the analysis of the physical universe.

Chemistry 1, 1A, 1B, 2A, 2B, 2C
Geology 1, 2, 15 (Man and Natural Environment only) *
Physics 1, 2A, 2B, 5A, 5B, 10
Physical Science 21

Note: *Math 4R or second-year high school algebra is a prerequisite for all courses in Division 1.*

> "If you're interested in philosophy, but your main interest is in the sciences, take some philosophy courses anyway. Try to get to know some of your professors too."
>
> *— Senior, Biology, Philosophy, and Liberal Studies*

Division 2—Biological Processes

Purpose: To understand basic concepts of living things, the nature of scientific knowledge, and the relevance of biological knowledge to human affairs.

Biology 10, 15 (Man and Natural Environment only) *
Botany 1 or 10
Zoology 1 or 10

Division 3—Behavioral/Environmental Systems

Purpose: To understand scientific concepts of human development and the relationships between people and their physical environment.

Anthropology 1, 3
Geography 5, 5L, 7, 7L
Psychology 10, 36

Division 4—Personal Life and Growth *(Former Division 10)*

Purpose: To equip human beings for lifelong understanding of themselves as integrated physical and psychological entities and to enhance their appreciation of and participation in the social, cultural, and physical environment.

Art 13, 20, 30, 40, 50, 60, 70
Dance 116
Drama 22, 34
English 41, 43
Food Science and Nutrition 53
Health Science 90, 124
Child and Family Studies 38
Industrial Engineering 125
Music 2-102, 3-103, 18-118, 21-121
Physical Education 31
Psychology 61 or 171, 132
Recreation 80
Speech 4

Division 5—Fine Arts

Purpose: To understand the world of nonverbal expression by developing an appreciation for the integrity and harmony of works of art.

Art 1
Art History 10, 11
Dance 171
Drama 62, 163
Chicano-Latino Studies 7, 9
Music 9, 74

* Man and the Natural Environment (M.N.E.) is a 17 unit interdisciplinary thematic cluster offered through the School of Natural Sciences. For more information about this program, see *School of Natural Sciences*, page 126.