

University CORE Curriculum Requirements for Engineering Majors¹

All SCU students must complete the University's CORE Curriculum. This thematic set of courses aims to instill the knowledge, habits of thought and action, and the orientation to society that the University believes will best prepare its graduates for personal and professional life after Santa Clara. These include the capacities for critical judgment, clear expression, ethical decision making, and concern for others that are characteristic traits of a Jesuit education.

The following topic area and course/unit requirements must be satisfied by all engineering students entering the University as freshmen or as engineering transfer students during the University's 2008/09 academic year.

CATEGORY	COURSES ²	COURSE OPTIONS
Composition and Literature	3	ENGL 1, 2 and a department-approved technical writing course ³
Western Culture	2	Two courses from an approved sequence ⁴ of classes offered through the departments of Art, English, History, Music, Theater & Dance and Philosophy
Social Science	1	From an approved course list ⁵
United States	1	From an approved course list ⁵
Ethics	1	From an approved course list ⁵
World Cultures & Societies (Area Studies / Regional)	1	From an approved course list ⁵
Religious Studies	3	1 from RSOC/SCTR/TESP 1-19 or other pre-approved course ⁵ , 1 from RSOC/SCTR/TESP 20-99 or other pre-approved course ⁵ , and 1 from RSOC/SCTR/TESP 100-199 or other pre-approved course ^{5,6}

1. This list actually includes only those humanities and social science course required of engineering students. Other University CORE requirements are satisfied by other required courses in the engineering curriculum. Students in the University Honors Program may have additional course options available to them.
2. A single course can be used to fulfill multiple topic area requirements (i.e. "double-dipping"). For example, the United States and Social Science requirements can both be satisfied by taking Political Science 1 (or Sociology 33). The World Cultures & Societies and Social Science requirements can both be satisfied by taking Anthropology 3 (or Political Science 2). All sample civil engineering programs assume that students will "double-dip" two times. If students "double-dip" more than twice, they will normally need to complete additional course work to satisfy the minimum unit total required for graduation.
3. ENGL 1 (and, preferably, ENGL 2) should be taken during the freshman year. It is **not** imperative that students complete ENGL 1 fall quarter of their freshman year. CENG 192B (Technical Writing for Civil Engineers) or an approved alternative technical writing course must be taken after students have attained junior status.
4. Courses taken to satisfy the western culture requirement **must** be taken from the same department and normally **should** have successive course numbers (i.e. 11 and 12 or 12 and 13). The courses, if possible, should also be taken in successive academic terms.
5. Pre-approved course lists for the different topic areas will be published annually by the University CORE Curriculum Committee in the CORE Curriculum Handbook. Any variations from the pre-approved lists must have University and/or School of Engineering approval. There is also a recommended order in which certain courses should be completed. Students should also consult the CORE Curriculum web site (www.scu.edu/core) and their academic advisors to select courses that best address individual needs and desires.
6. The three religious studies courses *need not* be taken from the same subcategory (RSOC/SCTR/TESP, etc.). The third level religious studies course requirement should be satisfied only after students have attained junior status.