

ENGINEERING

BACHELOR OF SCIENCE DEGREE (Undesignated) REQUIREMENTS

The Bachelor of Science degree in Engineering without designated area of specialization is offered by the School. The intent of the program is to allow a student with particular career goals to formulate an individualized interdisciplinary course of study in non-traditional areas of engineering.

The non-designated degree meets the standards of the engineering accreditation agency with regard to requirements in mathematics, basic science and engineering. However, it is not an accredited program.

The student's program of study must be agreed upon in advance by the student, and his engineering faculty adviser and be approved by the Dean of the School.

The student must complete at least 45 units to meet the minimum requirements for the bachelor's degree after approval is given to his program of study.

	Units
Math: 75, 76, 77, 81	16
Science: Chem 1A, 8, Phys 5A and 5B	18
* Humanities and Social Sciences:	
Political Science 2, Hist 11/12	
Humanities (6), Social Science (6)	18
English 1A.....	3
Engineering: Engr 20, 26, 31, 70, 90, 90L, 112, 116, 116L, 121, 136, 160, EE 124.....	33
Speciality (including a minimum of 16 upper division units)	24
Electives (Maximum)	16
	128

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GRADUATE PROGRAM

The School of Engineering offers a Master of Science in Engineering degree and an off-campus program at Edwards Air Force Base leading to an MS degree.

The MS degree program with option in Civil Engineering is designed to provide additional benefits of salary and career opportunities to graduates of a baccalaureate degree program in engineering; for the continued development of practicing engineers, additional career entry preparation for continuing students, and for preparation for persons planning to teach in pre-engineering, engineering technology and engineering programs. This program also provides the first graduate degree for students desirous of pursuing further graduate study in Civil Engineering; Engineering Mechanics and related areas.

MASTER OF SCIENCE DEGREE (Civil Engineering) REQUIREMENTS

Requirements. (See also *Admission to Graduate Standing, Advancement to Candidacy, Program Requirements, and Thesis and Thesis Alternatives*)

Admission. The requirements for graduate admission to California State University, Fresno must be met. To be admitted to the program, applicants should possess a Bachelor's Degree in Civil Engineering from an institution accredited by the Accreditation Board for Engineering and Technology. To be admitted, students must have a 3.0 grade point average overall on the basis of 4.0 being A; or the approval of the Graduate Committee of the School of Engineering. If an applicant's preparation is deemed insufficient by the Graduate Committee of the School of Engineering, the applicant will be required to take additional courses which will be specified in writing to remove the deficiency. Such courses, taken as an unclassified student, are in addition to the minimum of 30 semester hours credit for the Master's Degree in Engineering.

* Selected to meet the General Education and School of Engineering requirements.