

the test are given only to those students who can present proof of one of the following:

- a score of 3 or above on the College Board Advanced Placement mathematics examination (*AB* or *BC*)
- a score of 530 or above on the mathematics section of the Scholastic Aptitude Test (S.A.T.-math)
- a score of 23 or above on the A.C.T. Mathematics Test
- a score of 520 or above on the College Board Mathematics Achievement Test, Level 1
- a score of 540 or above on the College Board Mathematics Achievement Test, Level 2
- completion of a college course that satisfies the General Education-Breadth requirement in quantitative reasoning, provided it is at the level of intermediate algebra or above with a grade of *C* or better.

Students who cannot demonstrate basic competence on the examination are required to take steps to overcome deficiencies early in their enrollment. Any coursework undertaken primarily to acquire the required competence shall not be applicable to the baccalaureate degree.

Failure to take either of these tests, as required, at the earliest opportunity after admission may lead to administrative probation, which, according to Section 41300.1 of *Title 5, California Administrative Code*, and CSU Executive Order 393, may lead to disqualification from future attendance. Students who need assistance in preparing for the E.L.M. test should consider enrolling in one or more of the following classes: Math AR or Math ILR, N Sci 37, Psych 180T (overcoming academic anxiety). In addition, students may contact the Developmental Learning Resource Center in the Keats Building for information regarding E.L.M. workshops.

Information bulletins and registration materials for the E.P.T. will be mailed to all students subject to the requirements. The materials may also be obtained from the Office of Admissions and Records.

Credit by Examination. CSU, Fresno grants credit to those undergraduate students who pass examinations that have been approved for credit systemwide. These include the CSU English Equivalency Examination and some CLEP examinations.

Students may challenge courses by taking examinations developed at the campus. Credit shall be awarded to those who pass them successfully. Credit by examination is designed to encourage a regularly enrolled student to seek college credit in courses in which the student has competence but for which credit has not been earned by the usual academic processes, thereby permitting the student to accelerate his or her progress and provide an opportunity for wider selection of course work. The following procedures should be followed:

1. With the concurrence of the department, a student may apply for credit by examination in any course in the current *CSU, Fresno General Catalog* for which he or she appears to be reasonably qualified by training or experience and for which college credit has not been previously allowed. Credit by examination will not be awarded if credit has been granted for previous course work more advanced than the level represented by the examination in question. Credit by examination will not be allowed in a course in which the student has been permitted to register as an auditor during the same semester, in which the student has

received a failing grade, or in which he or she has unsuccessfully sought credit by examination.

2. The student will enroll for credit by examination at any time during the first two weeks of classes. The student must be regularly enrolled in other courses before he or she will be granted permission to earn credit by examination. Units of credit by examination are counted as part of the total units registered for a given semester or term. Applications for credit by examination should be completed by the student and approved by the department.
3. The examination must be administered by the end of the fourth week of instruction, and the instructor must report the grade prior to the close of the sixth week.
4. The course in which the student requests credit by examination will be so designated on his or her record. If passed, the student will receive a credit (*CR*) grade. If he or she is unsuccessful, no grade will be reported. Units earned will count toward all appropriate requirements but will not be used in computing his or her grade point average.
5. The number of units earned by credit by examination in any semester or term may not exceed the number of units completed in regular enrollment. A maximum of 30 units earned by examination may be counted toward a bachelor's degree.

Credit earned by examination *does not meet the residence requirement of the university*. For further information, consult the department concerned. See also *Advanced Placement*, page 95.

Graduate Students: Credit by examination for course work may be used to fulfill prerequisites only and may not be applied toward the total units required for a master's degree.

Independent Study. Independent study is offered to give the student experience in planning and outlining a course of study on the student's own initiative under departmental supervision. Independent study should deal with a special interest not covered in a regular course or with the exploration in greater depth of a subject presented in a regular course. Each department has an independent study upper-division course (190), and some departments have a graduate level course (290). In some departments a 190 or 290 course may be desirable preparation for the thesis or other advanced study.

To be eligible for independent study, a student should have an overall grade point average of 3.0 or higher; this requirement may be waived in exceptional cases, when approved by the chair of the department. Maximum credit of six units is allowed toward the bachelor's degree in independent study courses, and maximum credit of six units is allowed in independent study courses toward the master's degree. Credit is limited to a maximum of three units per semester. Under extraordinary circumstances more than three units per semester may be allowed on petition to the department chair.

An eligible student desiring to register for a 190 or a 290 course must first obtain the consent of an instructor, who will guide the project, and the chair of the department in which the course is given. The student must register for 190 and 290 courses during the regular registration period in the same manner as he or she registers for any other course at the time of registration.

An independent study course normally includes an oral examination by a committee set up by the supervising instructor, a formal report that is filed in the department office,