To be adopted:
Proposed changes in Regulations for the College of Engineering.
Effective for the UCR General Catalog 2000 - 2001

Present

<table>
<thead>
<tr>
<th>Proposed</th>
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<tr>
<td>ENR2.1.1 At the time of registration each student will be assigned to a faculty member in the student's area of interest who will serve as the faculty adviser. It is the responsibility of the College of Engineering to inform the student of the assignment to an adviser.</td>
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<td>ENR2.1.2 A student shall choose a major not later than the beginning of the sophomore year.</td>
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<td>ENR2.4.1 The College of Engineering has approved majors in Chemical Engineering (Chemistry and Biochemistry options), Computer Science and Engineering, Electrical Engineering, Environmental Engineering, and Mechanical Engineering.</td>
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<td>ENR2.4.4 The College of Engineering will not allow concurrent enrollment in double Baccalaureate programs. A student may be considered for a second Baccalaureate only upon completion of degree requirements in his/her first degree, providing he/she meets the spirit of Regulation 650 of the Academic Senate, Candidacy for a Second Bachelor’s Degree.</td>
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<tr>
<td>ENR2.4.5 A student may elect to take a second major within the College of Engineering. A declaration of a second major must be signed by the Dean of the college and filed by the student with the Dean’s office.</td>
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</table>
ENR2.4.6 A student registered in the College of Engineering may elect a second major in another college. A declaration of such second major must be signed by the Deans of both colleges and filed by the student with the primary college. A student will meet requirements of both primary and secondary majors and the college requirements of the primary major.

ENR2.4.6 A student registered in the College of Engineering, and in good standing, may elect a second major in another college. A declaration of such second major must be signed by the Deans of both colleges and filed by the student with the primary college. A student will meet requirements of both primary and secondary majors and the college requirements of the primary major if they are both in the same baccalaureate class. If the two majors lead to different degree designations (B.S. and B.A.), that fact will be noted on the transcript, but only one diploma indicating both degree designations will be issued upon successful completion of such a double major program. Furthermore, if the double major is a mixed B.S./B.A., the college requirements for both majors must be met. A course used to satisfy the requirements for one major may be used to fulfill the requirements for a second major as well. However, of the required upper division units, a minimum of 24 must be unique to each major.

ENR2.4.7 A student who has declared a double major may graduate in one major upon the completion of all requirements for that major, but may not continue in the University for completion of the second major.

ENR2.4.7 A student may request transfer from one major to another by filing a petition of change with the Dean’s office.

ENR2.4.8 A grade point average of at least 2.0 in upper division courses taken in the field of the major is a graduation requirement.

ENR2.4.8 A student in good standing may request transfer from one major to another by filing a petition of change with the Dean’s office.

ENR2.4.9 A grade point average of at least 2.0 in upper division courses taken in the field of the major is a graduation requirement.

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ENR3.1.1 A minimum of 180 units of academic work is required for graduation. After having credit for 216 units, a student will not be permitted to continue, except in cases approved by the Dean, in which specific academic or professional reasons are involved.

ENR3.1.1 A minimum of 180 units of academic work is required for graduation. No more than 6 units of physical education activity may be counted toward the requirement. After having credit for 216 units, a student will not be permitted to continue, except in cases approved by the Dean, in which specific academic or professional reasons are involved.

ENR3.1.4 Thirty-five of the final 45 units completed by each student prior to receiving the Baccalaureate Degree must be earned in residence. The minimum residence at the University of California required for a degree is three quarters. One of these may be completed in the summer session on the Riverside campus provided the student carries at least 8 units in a six-week summer session or 12 in an eight-week summer session, unless a reduced load is approved by the Dean of the college. Courses completed in University Extension are not considered work in residence.

ENR3.1.4 Thirty-five of the final 45 units completed by each student prior to receiving the Baccalaureate Degree must be earned in residence. The minimum residence at the University of California required for a degree is three quarters. One of these may be completed in summer session on the Riverside campus provided the student carries at least 8 units in summer session unless a reduced load is approved by the Dean of the college. Courses completed through the concurrent enrollment program of University Extension are not considered work in residence.
ENR3.2.2  **Humanities**: three courses. One course in world history; one course from the Fine Arts (Art, Art History, Dance, Music, Theatre, Creative Writing courses in poetry, fiction, or playwriting), Literature (chosen from the departments of English, Comparative Literature and Foreign Languages, or Hispanic Studies), Philosophy, or Religious Studies; one additional course chosen from History, the Fine Arts, Literature, Philosophy, Religious Studies or from a foreign language at level 3 or above or from a humanities course offered by Ethnic Studies, Creative Writing (courses in journalism), Humanities and Social Sciences, Latin American Studies, Linguistics, or Women’s Studies. No course used to satisfy the English Composition requirement will apply toward Humanities credit.

ENR3.2.2  **Humanities**: three courses, as specified by R6.3 for the B.S. degree.

ENR3.2.3  **Social Sciences**: three courses. One course from Economics or Political Science, and at least one course from Anthropology, Psychology or Sociology; one additional course from Ethnic Studies, Geography (cultural geography courses), Human Development, Women’s Studies or one of the above mentioned disciplines.

ENR3.2.3  **Social Sciences**: three courses, as specified by R6.4 for the B.S. degree.

ENR3.2.4  In order to provide depth in satisfying breadth in the humanities and social sciences, at least two of the courses must be upper division, and at least two courses, one of which is upper division, must be from the same subject area.

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ENR3.2.5  **Natural sciences and mathematics**: five courses. Courses that are used to satisfy the Humanities, Art, and Social Sciences requirements must satisfy the definition of the Accreditation Board for Engineering and Technology: “Courses that instill cultural values are acceptable, while routine exercises of personal craft are not. Consequently, courses that involve performance must be accompanied by theory or history of the subject.” The Executive Committee, in consultation with the Faculty, is responsible for determining which courses may be used to satisfy these requirements.

ENR3.2.5  **Natural sciences and mathematics**: five courses, as specified in R6.2.

**[Presently numbered as ENR3.2.6 below, with modifications as shown.]

ENR3.2.6  **Natural sciences and mathematics**: five courses. One course in biological sciences (chosen from the departments of Biochemistry, Biology, Botany and Plant Sciences, Entomology, Nematology, or Plant Pathology); one course in physical sciences (chosen from the departments of Chemistry, Earth Sciences, and Physics), and one in Mathematics, or Computer Science and Engineering, or Statistics. The two additional courses required may be in any of the biological or physical sciences departments listed above. No more than one course may be counted in Mathematics, Computer Science and Engineering, or Statistics. No course in cultural geography may be used to satisfy this requirement.

ENR3.2.6  **Natural sciences and mathematics**: five courses, as specified in R6.2.

**[Modified and renumbered as the new ENR3.2.7 below]**

ENR3.2.6  **Ethnicity**: One course as specified in R6.5, R6.5.1, and R6.5.2.

**[Renumbered from ENR3.2.8 below]**

ENR3.2.6  **Ethnicity**: One course as specified in R6.5, R6.5.1, and R6.5.2.
ENR3.2.7 The executive committee, in consultation with the faculty, is responsible for determining which courses may be used to satisfy the requirements of ENR3.2.2, 3.2.3, 3.2.4, 3.2.5, and 3.2.6.

ENR3.2.8 Internships and independent study courses may not be used to satisfy College subject requirements.

ENR3.2.9 In accordance with Division Regulation 6.8, any one course in ENR3.2.2, 3.2.3, 3.2.4, 3.2.5, and 3.2.6 is defined to be a block of instruction which carries four or more units of credit.

Justifications

ENR2.1.2: This regulation is unnecessary. College of Engineering students declare a major when they are admitted. “Undeclared” is not an admissions category for them.

ENR2.4.1: Corrections have been made in spelling Biochemistry and in the name of the Computer Science major. The recently approved major in Computer Engineering has been added to the list.

ENR2.4.4: In a recent communication (attached), the Chair of the systemwide Educational Policy Committee reaffirms a position taken earlier by the Committee that “the Regulations of the Academic Senate prohibit the award of a second bachelor’s degree except under very limited conditions” - those specified in Senate Regulation 650 (also attached). The College regulation ENR2.4.4 reflects this position of the University, further clarifying the wording to avoid any misunderstanding which may be associated with the term “concurrent enrollment”.

ENR2.4.5: The language which has been added is meant to clarify implementation details of a double major petition. The specification that each major include at least 24 units of separately distinguishable courses is to guarantee that each major be sufficiently distinct.

ENR2.4.6: This modification allows students in the College of Engineering to double major across two different baccalaureate classes, in the case that one of the majors offers only the B.A. degree. Currently, the only mechanism available to such students is to request of a waiver of the current regulation ENR2.4.4 by the College Executive Committee. Inasmuch as such a waiver would seem to be illegal under Senate Regulation 650 (see remarks above under the justification for ENR2.4.4), a new mechanism is needed to accommodate these requests. The proposed wording is similar to that of the CNAS regulation NR2.4.6, which was modeled after regulation 600. (A) (3) (d) from UC San Diego.

ENR2.4.7, 2.4.8: A new ENR2.4.7 has been added in order to avoid the interpretation that a student, having completed one of two majors of a double major program, may then petition for a second degree under the Senate Regulation 650 criteria mentioned in ENR2.4.4. Old regulations ENR2.4.7 and ENR2.4.8 are then simply renumbered.

ENR3.1.1: The addition of the physical education activity unit limitation will prevent students from applying a large accumulation of these units towards the 180 unit minimum needed for graduation. This provision is consistent with physical education unit restrictions in the other undergraduate colleges.

ENR3.1.4: This regulation contains out-dated language regarding summer session enrollment. Since the length of the summer session may change again, non-specific language has been used to describe the summer term. Since the Summer Session program is now housed within the University Extension administrative structure, additional language has been included that distinguishes summer session courses from those taken concurrently through the traditional University Extension program.
ENR3.2.2, 3.2.3, 3.2.6, 3.2.8: (ENR3.2.6 and ENR3.2.8 have been renumbered to the new ENR3.2.5 and ENR3.2.6.) The rewording here is to ensure that College regulations conform to Division regulations regarding breadth.

ENR3.2.5: This has been rewritten as the new ENR3.2.7, in a manner which clarifies the role of the faculty, acting through the executive committee, in determining those courses which may be used to fulfill breadth requirements for the degrees, without over-specifying the details.

ENR3.2.7, 3.2.8, 3.2.9: These changes reflect re-numberings and previously described revisions.

Approved by the College of Engineering Executive Committee on May 20, 1997.
Re-approved (with minor revisions) by the College of Engineering Executive Committee on December 1, 1999.
Approved by the College of Engineering Faculty on June 6, 1997.
Re-approved by the College of Engineering Faculty on April 19, 2000.
Approved by the Committee on Educational Policy on April 27, 2000.