

Minor - Engineering

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Description

Students pursuing a degree from outside the School of Engineering may choose to minor in engineering. Students in the School of Accountancy and the School of Business Administration may choose to minor in engineering with an emphasis in manufacturing through the Center for Manufacturing Excellence.

Course Requirements

Students interested in the engineering minor should acquaint themselves with the mathematics, chemistry, and physics courses that are typically prerequisites to engineering courses. The minor includes 3 credit hours of one programming course selected from Csci 111, 251, 259, or Ch E 251; at least 6 credit hours selected from Engr 309, 312, 313, 321, 322, 323, 360; and 9 credit hours of additional course work offered by departments within the School of Engineering with the exception of the following: Csci 103, 191, 203; all 100-level Geol courses other than Geol 103. A minimum grade of C is required in all 18 credit hours of applicable minor course work. At least 6 credit hours must be completed in residence. Exception: Computer science and geology majors from the School of Engineering are still eligible to have the engineering minor as long as said required 9 credit hours are earned from engineering departments other than their major.

For students in the School of Accountancy or the School of Business Administration who would like to obtain a minor in engineering with an emphasis in manufacturing, 18 hours of specialized course work are required. Also, the basic math and science courses would be specified within the minor as follows: Math 261-262 to satisfy their school math requirement; Physics 211-212 plus 221-222 labs to satisfy their science/lab experience; plus the following required 18 credit hours: Math 263, Engr 313, Manf 251, Manf 254, Accy/Bus equivalent of Manf 450 - Senior Design Team Course (as an accounting/business student team member), Accy/Bus equivalent of Manf 451 - Senior Design Team Course (as an accounting/business team member).

