

MAE - Rules for the Selection of Technical Elective Courses

Rules for Selecting Technical Elective Courses for the Mechanical Engineering Degree

1. Students must select a minimum of 16 units of technical electives, none of which can be used for other degree requirement.
2. At least 8 units must come from the following list of mechanical engineering oriented MAE courses: MAE110, MAE112, MAE113, MAE114, MAE115, MAE117, MAE118, MAE132, MAE140, MAE152, MAE155, MAE164, ENGR165, MAE171, MAE172, MAE183 and MAE185.
3. Additional units may come from:
 - a. Any upper-division course in the MAE department, including MAE188, MAE189, MAE195, and MAE199.
 - b. The following preapproved list (without requesting the approval of the ME Undergraduate Advisor): ENGR 7A & 7B*, CEE125, CEE160, CEE162, CEE173, EECS152A, EECS152B, CBEMS110, BME111, BME120, BME121, Stats67, CompSci 131; Math 112A, 112B, 112C, 114A; Physics 111A, 111B, 112A, 112B, Physics 106.
 - c. Other departments' upper-division courses with approval of the Undergraduate Advisor.

Rules for Selecting Technical Elective Courses for the Aerospace Engineering Degree

1. Students must select a minimum of 8 units of technical electives, incorporating at least 1 unit of design.
2. Any upper-division course in the MAE department that is not a core AE course can be used as a technical elective.
3. With approval of the Undergraduate Advisor, AE students may choose technical elective units from other departments' upper-division courses that have primarily technical content. The following courses are preapproved, and can be taken without requesting the approval of the AE Undergraduate Advisor: ENGR 7A & 7B*, CEE125, CEE160, ENGR165, EECS152A, EECS152B, BME111, BME120, BME121, Stats67, CompSci 131; Math 112A, 112B, 112C, 114A; Physics 111A, 111B, 112A, 112B.

* ENGR 7A-7B can be counted as 4 units of technical electives. ENGR 7A-7B is available only to first year students in Fall and Winter quarters.

Both ENGR 7A-7B must be taken to be counted as a technical elective.

Rules for Selecting an Additional Basic Science Elective

1. Student must choose one additional General Education Category II course offered by the Schools of Physical Sciences, Biological Sciences, or Information and Computer Sciences.
2. This course cannot be a course that you have already taken for your major.

To view course offerings please visit: plaza.eng.uci.edu View degree requirements via: www.reg.uci.edu/access/student/welcome/

Note: It is the student's responsibility to make sure all degree requirements are met and seek guidance as and when needed.