Technical Elective List for the Mechanical Engineering Degree
2016-2017

Technical electives permit you to tailor a program to your own academic and career objectives. For some, the technical electives offer the opportunity to prepare for a specific occupation. For others, they offer an opportunity to broaden a background in the sciences and engineering. When not used to satisfy other degree requirements, 3 units from the following courses may be taken as technical electives for the Mechanical Engineering major.

Agricultural and Resource Economics (ARE) 100A*, 100B*, 112*
Applied Biological Systems Technology (ABT) 101, 142, 165
Atmospheric Science (ATM) 149, 160
Biological Sciences (BIS) 2A, 2B, 2C
Chemistry (CHE) 2C, 2CH, 8A, 8B and any upper division course except CHE 195 and 197
Economics (ECN) 100, 101, 102, 103, 122
Engineering (BIM, ENG, EAD, EBS, ECH, EMS, ECI, ECS, EEC, EME, EAE) any upper division course except BIM 110L, ENG 160, 191, 198 (gearing up for grad school/undergraduate research), ECS 188 or any 197T course
Exercise Biology (EXB) 102*
Fiber and Polymer Science (FPS) 100 (same as EMS 147)
Food Science and Technology (FST) 159*, 160
Geology (GEL) 17, 32, 35, 36, 50, 50L, 60, 101, 101L, 130, 131, 160, 162, 163
Hydrologic Science (HYD) 110, 124, 134, 141, 142, 143, 144, 146, 151, 182
Management (MGT) 11A*, 11B*, 100, 120*, 140*, 150*, 160*, 170*, 180*
Mathematics (MAT) any upper division course except MAT 197TC
Physics (PHY) 9HE and any upper division course except PHY 160, 195, 197T
Statistics (STA) any upper division course except 100,102,103,104,106,108

_ = minimal prerequisites (should already have all of them being an Engineering student)
* = also fulfill GE requirements (either AH or SS) as of May 5, 2016