

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