

Mechanical Engineering Technical Electives and MechSE Electives*

Subject	Allowed 200 & 300 Level	Allowed 400 Level
AE	352	All except 497 ¹ , 498 ²
ABE	374	All except 425, 440, 445, 498 ²
BIOC	None	All except 460, 492
BIOE	380	All except 497 ¹ , 498 ² , 499
BIOP	None	All
CHBE	None	All except 421, 430, 431, 440, 454 ¹ , 494 ² , 497 ¹ , 499
CHEM	232, 233, 236, 237	All except 484, 492 ² , 494, 495, 499
CEE	All except 202, 300, 320	All except 495, 497 ¹ , 498 ²
CS	All except 210, 296, 397 ¹ , 398 ²	All except 417, 491, 492 ² , 494, 493 ² , 498 ² , 499
ECE	290, 328, 329, 330, 333, 342, 343, 380, 385, 395	All except 445, 497 ¹ , 498 ² , 499
ECON	302	None
GE	None	All except 400, 401, 410, 494, 495, 497 ¹ , 498 ²
IE	All except 300 ^{*,3}	All except 497 ¹ , 498 ²
MATH	347, 357	All except 402, 405, 406, 408, 416, 439, 441, 461, 463 ^{*,3} , 490 ² , 496, 499
MCB	None	401, 402, 403, 404, 450
ME*	ME199 SAE or ME199 DES ⁴	All except 497 ¹
MSE	None	All except 492, 486, 497 ¹ , 498 ² , 499
NPRE	201, 241	All except 432, 458, 480–483, 498 ²
PHYS	None	All except 419, 420, 497 ¹ , 498 ²
STAT	None	All except 400 ^{*,3} , 408
TAM*	None	All except 497 ¹ , 499
TMGT	None	460, 461

* ME & TAM courses from this list satisfy the MechSE Elective requirement.

In addition to the MechSE and Technical Electives, there is a Statistics Elective, which is met by either IE 300 or Stat 400/Math 463.

1. No more than 3 hours of individual study courses may be used to satisfy the MechSE Elective and Technical Elective requirements. Additional hours may be used as Free Electives. Technical Elective credit for individual study courses from other departments is given only by petition. A final report must be submitted to the faculty advisor and the Undergraduate Programs Office (154 MEB) at the conclusion of an individual study.
2. Depending on the technical content, some Special Problems courses (typically, new lecture–discussion courses) may or may not be approved for Technical Elective credit. A Curriculum Modification Petition should be submitted to the Undergraduate Programs Office to request the use of these courses for Technical Elective credit. The petition must be submitted *before* registering in the respective course.
3. Credit is allowed for only one of any two or more Technical Electives with significant overlap, for example, CEE 201 & GE 330; IE 300 & Stat 400 (Math 463); IE 411 & Math 482; ME 430 & TAM 424.
4. Three hours of technical elective credit can be obtained if ME199 DES / SAE (1 cr.) is taken for three consecutive semesters starting no later than first semester of sophomore year. A final report must be submitted to the Undergraduate Programs Office (154 MEB) at completion.