

Mechanical Engineering Technical Electives, Professional Electives³, and MechSE Electives*

Subject	Approved Electives
AE	352,402,403,410,412,416,419,420,427,428,433,434,442,443,451,454,456,460,461,482,483, 497 ¹ ,498 ²
ABE	420,430 ³ ,436,445,455,456,459,463,466,469,474,476,483,488,489,497 ¹ ,498 ²
BIOC	406,440,446,455
BIOE	380,414,415,416,461,473,476,479,481,482,497 ¹ ,498 ²
BIOP	401,419,432
CHBE	422,424,451,452,453,456,457,471,472,473,474,475,476
CHEM	232,233,236,237,312,315,317,332,420,436,437,438,440,442,444,445,447,450,451,460,472,474,480, 482,483,488,497 ¹
CEE	310,330,340,350,360,380,398 ¹ ,401,405,406,407,408,409,410,411,412,415,416,417 ³ ,418,420,421,422, 424,430,434,437,438,440,442,443,444,445,446,447,449,450,451,452,453,457,458,460,461,462,463, 465,467,468,469,470,471,472,480,483,484,491,497 ¹ ,498 ²
CS	225,233,241,242,357,374,410,411,412,413,414,418,419,420,421,422,423,424,425,426,427,428,429, 431,433,436,438,439,440,445,446,447,450,457,460,461,463,465,466,467,468 ³ ,473,475,476,477,481, 483,484,498 ²
CSE	401,402,412,441,450,451,461
ECE	329,330,333,340,342,343,380,385,395,401,402,403,408,411,412,414,415,416,417,418,419,420,422, 424,425,428,431,432,435,437,438,439,441,444,447,448,451,452,453,454,455,456,457,458,459,460, 462,463,464,465,466,467,468,469,470,472,473,476,478,480,481,482,483,484,485,486,487,488,489, 490,491,492,493,495,498 ²
ECON	302 ³
ENG	461 ³
IE	310,311,330,340,360,410,411,412,413,420,430,431,445 ³ ,497 ¹ ,498 ²
MATH	347,357,403,409,412,413,414,417,418,423,424,425,427,428 ² ,432,442,444,446,447,448,450,453,464, 469,471,472,473,475,476,478,479,481,482,484,487,488,489, 490 ² ,492 ¹
MCB	401,402,403,404,450,493 ²
ME*	All 400-level classes, except 470. Note: 497 ¹ ,498
MSE	304,307,308,401,402,403,405,406,420,421,422,423,440,441,442,443,445,450,452,453,454,455,456, 457,458,460,461,462,466,470,472,473,474,480,481,484,485,487,488,489,497 ¹ ,498 ²
NPRE	402,412,421,423,429,431,435,441,442,444,446,447,448,451,455,457,461,470,475,498 ²
PHYS	330,401,402,403,404,406, 427,435,436,460,466,470,475,485,486,487,496 ³ , 497 ¹ ,498 ²
SE	402,411,412,413,420,422,423,424,450 ³ ,462 ³ ,497 ¹ ,498 ²
STAT	410,420,424,425,426,428,429,430 ² ,440,443 ³ ,448,458,466,480
TAM*	All 400-level classes, except 499. Note: 497 ¹ , 498
TMGT	460,461
TE	461 ³

* ME & TAM courses from this list satisfy the MechSE Elective requirement, note that credits in excess of the 6 hour requirement can fulfill Technical Elective requirements. A maximum of 6 hours total of ME 199, ENG 491³, and independent study courses¹ can be applied to MechSE/Technical/Professional electives subject to the restrictions outlined below.

1. No more than 3 hours of independent study courses may be used to satisfy MechSE or Technical Elective requirements. Additional hours may be used as Free Electives. Technical Elective credit for independent 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 (152 CAB) upon course completion.
2. Depending on the technical content, some Special Topics courses may or may not be approved for Technical Elective credit. A Curriculum Modification Petition *must* be submitted to the Undergraduate Programs Office to request the use of these courses for Technical Elective credit. This should be done *before* registration to ensure fulfillment of degree requirements.
3. This course falls under the Professional Elective category. No more than 3 hours of Professional Elective credit may be used to satisfy the Technical Elective requirements.