

MECHANICAL ENGINEERING TECHNICAL ELECTIVE REQUIREMENTS

Students of Catalog Years 2016 & 2017:

Four technical elective courses (12 credit hours minimum) are required for the Mechanical Engineering Curriculum.

- One Mechanical Engineering Elective – satisfied only with the ME courses listed below.
- One Engineering Elective – satisfied only with the Watson courses listed below, including ME courses.
- Two Technical Electives – satisfied with any of the courses listed below, including ME courses.

Students of Catalog Years 2018 and after:

Four technical elective courses (12 credit hours minimum) are required for the Mechanical Engineering Curriculum.

- Two Mechanical Engineering Electives – satisfied only with the ME courses listed below.
- Two Technical Electives – satisfied with any of the courses listed below, including ME courses.

Notes:

(1) *It is recommended that all of your technical electives be ME courses.*

(2) *Internship (ME 496) or Independent Study (ME 497) courses cannot be used as Technical, Mechanical Engineering, or Engineering Electives.*

APPROVED MECHANICAL ENGINEERING TECHNICAL ELECTIVES:

Watson

ME 300 – 488 (non-required courses only), 489 (with research advisor approval only), 491 (Only for students in Catalog Years 2018 and before); 500 – 590 (with instructor and faculty advisor approval)

MSE 500-590 (with instructor and faculty advisor approval)

WTSN 582-583 (with instructor and faculty advisor approval)

EDD 305, 306

BME 313, 340, 413, 420, 424, 433, 442, 443, 453, 463, 472, 473, 483, 484

CS 211, 212, 220, 310, 311, 350, 373, 375, 400 – 476

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Harpur

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GEOG 222, 260, 360, 423, 461, 463, 465

GEOL 303, 304, 342, 344, 414, 416, 423, 450, 453, 460, 465, 470

ECON 366, 461

MATH 314, 327, 330, 356, 372, 375, 381, 386, 401, 402, 404, 407, 447, 448, 455, 457, 458, 459, 461, 463, 465, 478, 479, 489

PHYS 323, 331, 332, 341, 411, 421, 422, 463, 468, 472