

Minor in Systems Engineering

Reference Number: 476

Minimum Hours for Minor: 21-21.5

Minor Coordinator: R.Choate

Systems engineering is a robust approach to the design, creation, and operation of systems.

The minor requires 21 hours for CE and ME majors and 21.5 hours for EE majors. Students must complete 12 or 12.5 hours of required courses and choose a minimum of 9 hours from elective courses. The following courses are required: EE 210 or EM 221 or EM 222, STAT 301 or CE 305, ENGR 400, and CE 498 or EE 401 or ME 412.

Nine hours of electives should be taken from: CE 303 / CE 304, EE 460, EM 313, any CE 400-level technical elective, any EE 400-level technical elective, or ME 49x technical electives. The technical elective must incorporate or expand on systems engineering principles as outlined in ENGR 400.

Technical elective courses currently meeting this intent include but are not limited to: CE 300, CE 326, CE 360, CE 361, CE 366, CE 378, CE 379, CE 380, CE 381, CE 383, CE 384, CE 426, CE 436, CE 440, CE 441, CE 451, CE 476, CE 486, EE 410 / EE 411, EE 443, EE 431, EE 432, EE 461, EE 443, and ME 49x courses taken in consultation with your advisor.