

**SE Required Coursework**

Course (12 cr required)	Semester Planned
SYSE 501 (3 cr) <i>Foundations of Systems Engineering</i>	
ENGR 502* (3 cr) <i>Engineering Project and Program Management</i>	
SYSE 530 (3 cr) <i>Overview of Systems Engineering Processes</i>	
ENGR 531 (3 cr) <i>Engineering Risk Analysis</i>	

SE Depth Coursework

Choose Systems Engineering coursework from those appearing on the [SE Courses website](https://www.engr.colostate.edu/se/courses/) (<https://www.engr.colostate.edu/se/courses/>), with exceptions as indicated. Includes non-independent study and non-research courses in subject codes SYSE, most ENGR, and limited ECE, MECH, CIS courses.

Course (9 cr req)	Semester Planned

Technical Electives

Choose elective coursework in conjunction with your staff (and faculty, if relevant) advisors. Can select from SE [Suggested Elective List](#) (available on above-linked SE Courses website) or obtain approval from SE Department for any course not on the Suggested Elective list. A maximum of 6 credits of courses at the 400-level may apply to the ME.

Course (6 cr req)	Semester Planned

Independent Study or Substitute Course

ME students may complete a 3-credit independent study project with a faculty member (under SYSE 695) or can select a fourth SE Depth course to fulfill this final requirement.

Course (3 cr req)	Semester Planned

*CIS 600A or CIS 670 may be substituted for ENGR 502

Notes:
