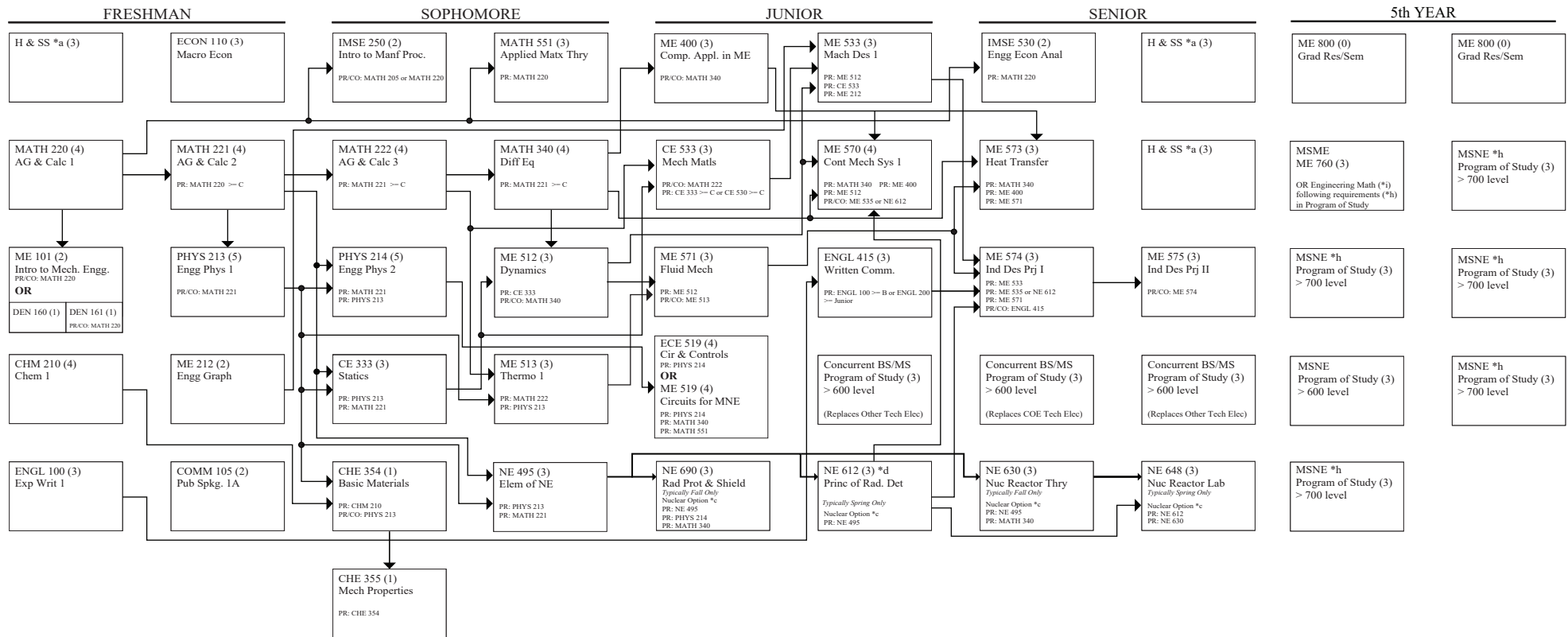


Accelerated Bachelors in Mechanical Engineering and Masters of Nuclear Engineering (146 Hours)

Approved Fall 2022



A student can apply to the graduate school during the semester they will earn 80 course hours and will be considered for admission to the MS program upon earning a ≥ 3.250 GPA in at least 80 credit hours of their undergraduate degree. 80 hours are earned on this chart at the end of the Junior Fall Semester. The application fee is \$65 for domestic students and \$75 for international students.

A MSNE degree will require 30 credit hours. Of those 30 credit hours, 18 must be >700 level. A student will choose a faculty member to advise them through their graduate work. This faculty member will be called the student's Major Professor. The student and the Major Professor will create a group of 30 credit hours called a "Program of Study" that will be approved as the student's graduate curriculum. Any 9 of those 30 hours will count for concurrent credit towards the undergraduate degree. Once all 125 credits are complete for the undergraduate degree (116 Undergraduate, 9 concurrent Graduate) the student can apply for their Bachelor's Degree diploma.

*a - A total of 9 credits of humanities and social science electives are required. These are to be selected from the College of Engineering Humanities and Social Science Electives Course List. Three of these credits can come from 300-level or above AERO or MSCS courses for students who successfully complete the ROTC program. Students should select these courses such that the requirements of the K-State 8 general education program are met.

*b - Technical Electives: Complete list available at mne.k-state.edu/student-success/advising/tech-electives/

*c - Nuclear Engineering Option: NE 612 will replace ME 535 in the curriculum. The three remaining Nuclear Engineering option courses fulfill the requirement of the three MNE technical electives.

*d - ME 535 and NE 612 may both be taken and one of them applied as a Tech Elective. NE 612 must be taken for the NE Option.

*e - Currently admitted students will only be allowed to transfer in one ME/NE numbered course as required by the curriculum; however, ME 533, ME 574, ME 575 and ME 573 must be taken within the MNE department.

*f - Currently admitted students will be allowed to transfer one of the three required MNE technical electives with the exception of the ≥ 600 level MNE technical elective.

*g - To graduate with a Bachelors in Mechanical Engineering, students must have a ≥ 2.200 GPA in all ME/NE classes ≥ 400 level taken for undergraduate credit at Kansas State University. Course grades that have been removed by the K-State Retake policy will not apply to this GPA calculation.

*h - at least 18 of the 30 hours required for the MSME degree must be at the 700 level or above

*i - The graded coursework must include at least one 3 credit hour course in engineering mathematics or applied mathematical analysis. Courses that may be used to meet this requirement are: ME 760, ME 860, MATH 616, MATH 632, MATH 713, MATH 740, MATH 745, MATH 855, MATH 856, MATH 864, MATH 865, MATH 866, MATH 867, PHYS 801, PHYS 802