MECH Electives & Grad Only Courses

All undergrad students MUST take one (T) Technical elective and one (D) Design elective. One additional elective must be taken that will count as the (S) Senior elective.
*A review of your electives should be discussed with your advisor prior to registration.
*Courses and instructors are subject to change without notice.

Spring 2024
MATL 4/892 (T, S) Soft Materials – Tan
MATL 4/892 (T, S) Intro to Quantum Materials – Laraoui
MECH 4/806 (D, T, S) Air Conditioning Sys Design – Zhang
MECH 4/813 (T, S) Aerodynamics – Ryu
MECH 4/816 (T, S) Engineering Acoustics – Moore
MECH 4/837 (T, S) Biomedical Device Design – Nelson
MECH 4/849 (T, S) Advanced Dynamics – Baesu
MECH 4/851 (T, S) Intro to Finite Element Analysis – Bobaru
MECH 4/857 (D, T, S) Mechatronic Systems Design – R. Yang
MECH 4/874 (T, S) Manufacturing Systems – Rajurkar
MECH 4/875 (T, S) Intro to Mechanical Vibrations – Turner
MECH 4/892 (D, T, S) Making for Innovation – Farritor
MECH 4/892 (T, S) Materials for Nuclear Engineering – Cui
MECH 4/892 (T, S) Exp Mechanics of Composites – Dzenis

Grad ONLY
MATL 998 Adv. Electron Microscopy – Sutter
MECH 812 Viscous Flow II – Park
MECH 888 Nonlinear Optimization in Engineering – Bobaru
MECH 923 Convection Heat Transfer – Zhang
MECH 925 Manufacturing and Dynamic Systems Modeling – Rajurkar
MECH 933 Theory of Elasticity – J. Yang
MECH 942 Theory of Plasticity – Negahban
MECH 996 Nondestructive evaluation for metal additive manufacturing – Turner