MECHANICAL ENGINEERING

2018 — 2021
Planned Graduate Course Offerings

University of Idaho
College of Engineering

The plan below lists the graduate courses and technical electives we intend to teach. ***It is subject to change without notice.***

LEGEND

On Campus = Course available in Moscow or Idaho Falls

Online = Course is available via Engineering Outreach Only

On Campus & Online = Course is available in Moscow and via Engineering Outreach

Class	Fall '18	Spring '19	Summer '19	Fall '19	Spring '20	Summer '20	Fall '20	Spg '21	Summer '21
ME 404 Programming Essentials			On Campus						
ME 410 Lean Manufacturing			On Campus			On Campus			On Campus
ME 412 Gas Dynamics		On Campus & Online			On Campus & Online				
ME 415 Materials Selection & Design	On Campus			On Campus					
ME 421 Advanced Computer-Aided Design	On Campus	On Campus		On Campus	On Campus				
ME 436 Sustainable Energy Sources and Systems	On Campus & Online								
ME 450 Fund of Computational Fluid Dynamics			Online	On Campus & Online					
ME 461 Fatigue & Fracture Mechanics	On Campus & Online			On Campus					
ME 472 Mechanical Vibrations	Online	Online							
ME 481 Control Systems (ECE470)	On Campus & Online			On Campus & Online					
ME 490 Solid Modeling, Sim & Manuf Capstone	On Campus	On Campus		On Campus	On Campus				
ME 501 Graduate Seminar	On Campus	On Campus		On Campus	On Campus				
ME 504 Advanced Controls	On Campus								
ME 504 Advanced Solid Modeling				On Campus					
ME 504 Assist. Robotic Technology					On Campus				
ME 4/504 Compliant Mech Design	On Campus								
ME 504 Crop Biomechanics				On Campus					
ME 4/504 Mechanics in Design & Manufacturing		On Campus			On Campus				
ME 4/504 Sustainable Design & Manufacturing		On Campus & Online			On Campus & Online				
ME 4/504 Sustain Food-Energy-Water				On Campus					
ME 4/513 Engineering Acoustics	Online	On Campus & Online							
ME 4/514 HVAC Systems		On Campus & Online			On Campus & Online				
ME 517 Turbomachinery					On Campus & Online				
ME 4/520 Fluid Dynamics			Online	On Campus					
ME 527 Thermodynamics	On Campus			On Campus					
ME 529 Combustion and Air Pollution				On Campus					
ME 538 Sustainability & Green Design				On Campus & Online					
ME 539 Advanced Mech. of Materials (MSE 539)		On Campus & Online							
ME 540 Continuum Mechanics (WSU ME 501)	WSU	On Campus & Online			On Campus & Online				
ME 541 Mechanical Engineering Analysis	On Campus & Online			On Campus & Online					
ME 546 Convective Heat Transfer				On Campus					
ME 549 Finite Element Analysis		On Campus & Online			On Campus & Online				
ME 4/550 Computational Fluid Dynamics		On Campus & Online							
ME 4/551 EOn Campusperimental Methods in Fluid Dynamics					On Campus				
ME 558 Finite Element Applications in Engr		On Campus & Online							
ME 4/564 Robotics: Kinematics, Dynamics & Control		On Campus							
ME 571 Building Performance Simulation for Integrated Design		On Campus							
ME 583 Reliability of Engr Systems (CE 541)	On Campus & Online								