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PROGRAM OVERVIEW
This online Ph.D. program emphasizes a multidisciplinary approach, teaching students to design and manage intricate systems, blend theoretical and applied aspects of engineering, management, and technical skill application. The program aims not only to deepen students’ expertise in systems engineering but also to cultivate their analytical, leadership, and research skills, preparing them for roles as innovators and leaders in academia, industry, and research institutions.

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DOCTOR OF PHILOSOPHY

Systems Engineering

CURRICULUM
The program consists of 24 credit hours of coursework and 30 credit hours of research, totaling the 54 credit hours required for completion. The entire program is offered online and class attendance is required. Tuition is $1,650 per credit hour for 2024-2025.

COURSE LIST
- EMSE 6420 Uncertainty Analysis in Cost Engineering
- EMSE 6760 Discrete Systems Simulation
- EMSE 6765 Data Analysis for Engineers and Scientists
- EMSE 6807 Advanced Systems Engineering
- EMSE 6817 Model-based Systems Engineering
- EMSE 6848 Systems of Systems
- EMSE 6850 Quantitative Models in Systems Engineering
- EMSE 8000 Research Formulation
- EMSE 8999 Dissertation Research

We want to see you SUCCEED

Online registration and planning. This is just one example of our commitment to supporting you throughout your program. Questions? Let us know!