



SYSTEMS ENGINEERING

SPECIALIZATION TRACK SUBSTITUTION OPTION

One of the following graduate certificates may be substituted for a specialization track with the permission of the program director.

Civil and Environmental

- Contemporary Structural Engineering
- Geoenvironmental Engineering
- Geotechnical Earthquake Engineering
- Infrastructure Renewal
- Project Engineering and Construction Management

Computer Science

- Big Data Management and Analytics
- Big Data Management and Security
- Computational Intelligence
- Cyber Security
- Information Systems & Cloud Computing
- Wireless Networks and Mobile Systems

Electrical and Computer Engineering

- Advanced Control Systems
- Automation Engineering and PLC
- Computational Intelligence
- Electric Machines and Drives
- Electric Power Systems Engineering
- Information Assurance & Security Officer Essentials
- Cyber Physical Systems

Engineering Management

- Engineering Management
- Financial Engineering
- Lean Six Sigma
- Project Engineering and Construction Management
- Project Management
- Safety Engineering

Manufacturing Engineering

- CAD/CAM & Rapid Product Realization
- Manufacturing Systems

Mechanical and Aerospace Engineering

- Composite Materials and Structures
- Control Systems
- Energy Conversion & Transport
- Engineering Mechanics
- Manufacturing Automation

Please refer to <https://distance.mst.edu/distance-programs/distance-graduate-certificates/> for a graduate certificate that you are interested in to share with your advisor.