

GRADUATE CERTIFICATES

Graduate Certificate (Discipline)

Actuarial Science (Mathematics and Statistics)	Human-Computer Interaction and User Experience (Information Science & Technology)
Advanced Control Systems (Electrical Engineering)	Human Factors Psychology (Psychology)
Advanced Engineering Materials (Materials Science and Engineering)	Human Systems Integration (Engineering Management /Information Science & Technology)
Advanced Materials for Sustainable Infrastructure (Civil Engineering)	Information Assurance and Security Officer Essentials (Computer Engineering /Computer Science)
Aggregates Management (Mining Engineering)	Information System Project Management (Information Science & Technology)
AI, Machine Learning and Automation in Business (Information Science & Technology)	Information Systems and Cloud Computing (Computer Science)
Applied Workplace Psychology (Psychology)	Infrastructure Renewal (Civil Engineering)
Automation Engineering and PLC (Electrical Engineering)	Iron and Steel Metallurgy (Metallurgical Engineering)
Big Data Management and Analytics (Computer Science)	Lean Six Sigma (Engineering Management)
Big Data Management and Security (Computer Science)	Management and Leadership (Business Administration)
Building Systems Engineering (Civil Engineering)	Management for Sustainable Business (Economics)
Business Analytics and Data Science (Information Science & Technology)	Manufacturing Automation (Mechanical Engineering)
Business Essentials (Business Administration)	Manufacturing Systems (Manufacturing Engineering)
Business Intelligence (Information Science & Technology)	Materials for Extreme Environments (Materials Science and Engineering)
Business Project Management (Business Administration)	Military Construction Management (Engineering Management)
CAD/CAM and Rapid Product Realization (Manufacturing Engineering)	Military Geological Engineering (Geological Engineering)
Carbon Management Engineering (Chemical Engineering)	Mine Reclamation (Mining Engineering)
Chemical Process Engineering (Chemical Engineering)	Mining Engineering (Mining Engineering)
Composite Materials and Structures (Aerospace Engineering /Mechanical Engineering)	Mining Project Evaluation (Mining Engineering)
Computational Intelligence (Systems Engineering /Computer Engineering /Computer Science)	Mobile Business and Digital Transformation (Information Science & Technology)
Contemporary Structural Engineering (Civil Engineering)	Model Based Systems Engineering (Systems Engineering)
Control Systems (Mechanical Engineering)	Modeling and Simulation for Decision Systems (Engineering Management)
Cyber Physical Systems (Computer Engineering /Systems Engineering)	Nuclear Nonproliferation (Nuclear Engineering)
Cyber Security (Computer Science)	Petroleum Systems (Geology and Geophysics)
Cybersecurity and Information Assurance Management (Information Science & Technology)	Professional Communication (Technical Communication)
Digital Media and Web Design (Information Science & Technology)	Project Engineering & Construction Mgmt (Civil Engineering /Engineering Management)
Digital Supply Chain Management (Information Science & Technology)	Project Management (Engineering Management)
Electric Machine and Drives (Electrical Engineering)	Safety Engineering (Chemical and Biochemical Engineering /Engineering Management)
Electrical Power Systems Engineering (Electrical Engineering)	Software Design and Development (Computer Science)
Electronic and Social Commerce (Information Science & Technology)	Space Resources (Geological Engineering)
Energy Conversion and Transport (Aerospace Engineering /Mechanical Engineering)	Statistics (Mathematics and Statistics)
Engineering Management (Engineering Management)	Subsurface Water Resources (Geological Engineering)
Engineering Mechanics (Mechanical Engineering)	Surface Water Resources (Civil Engineering)
Enterprise Resource Planning (Information Science & Technology)	Sustainability in Mining (Mining Engineering)
Entrepreneurship & Technological Innovation (Business Administration)	Systems Engineering (Systems Engineering)
Explosives Engineering (Explosives Engineering)	Systems and Software Architecture (Computer Science)
Explosives Technology (Explosives Engineering)	Systems of Human Capital Management (Engineering Management)
Finance (Business Administration)	Wireless Networks and Mobile Systems (Computer Science)
Financial Engineering (Engineering Management /Systems Engineering)	
Financial Mathematics (Mathematics)	
Financial Technology (Business Administration)	
Foundations of Supply Chain Integration Systems (Engineering Management)	
Geoanalytics and Geointelligence (Geological Engineering)	
Geoenvironmental Engineering (Civil Engineering)	
Geoenvironmental Science and Engineering (Geological Engineering /Geology and Geophysics)	
Geologic Hazards (Geological Engineering)	
Geophysics (Geology and Geophysics)	
Geotechnical Earthquake Engineering (Civil Engineering)	
Geotechnics (Geotechnics)	

The Provost is responsible for the administration of all graduate work at Missouri S&T. In cases where your program can be demonstrably improved, the Provost can approve departures from the graduate faculty rules. Each department may have its own rules beyond the general ones listed and should be contacted if further information is desired at: <http://grad.mst.edu/>.