

GRADUATE CERTIFICATES

Graduate Certificate (Discipline)

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

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/>.