AEROSPACE ENGINEERING (BS, MS, PhD) MI
APPLIED AND ENVIRONMENTAL BIOLOGY (MS)
APPLIED MATHEMATICS (BS, MS) MI
  Actuarial Science (BS)
  Algebra (MS)
  Algebra/Discrete Mathematics (BS)
  Applied Analysis
  Computational Mathematics
  Secondary Education (BS)
  Statistics
ARCHITECTURAL ENGINEERING (BS)
  Construction Eng & Project Mgt
  Construction Materials
  Environmental Systems for Buildings
  Structural Engineering
BIOLOGICAL SCIENCES (BA, BS) MI
  Pre-Medicine (BA)
  Secondary Education (BA)
BUSINESS ADMINISTRATION (MBA)
BUSINESS AND MANAGEMENT SYSTEMS (BS)
  E-commerce
  Enterprise Resource Planning
  Finance
  Human Computer Interaction
  Management Information Systems
  Marketing
CERAMIC ENGINEERING (BS, MS, PhD)
  Biomaterials (MS)
CHEMICAL ENGINEERING (BS, MS, PhD, DE)
  Biochemical Engineering (BS)
CHEMISTRY (BA, BS, MS, MST, PhD) MI
  Biochemistry (BS)
  Polymer & Coatings Science (BS)
  Pre-Medicine (BS)
  Secondary Education (BA)
CIVIL ENGINEERING (BS, MS, PhD, DE)
  Construction Engineering
  Environmental Engineering
  Geotechnical Engineering
  Materials Engineering
  Structural Engineering
  Transportation Engineering
  Water Resources Engineering
COMPUTER ENGINEERING (BS, MS, PhD) MI
  Computational Intelligence (BS)
  Computers and Architecture (BS)
  Embedded Computer Systems (BS)
  Integrated Circuits and Logic Design (BS)
  Networking and Software Engineering (BS)
  Security and Reliability (BS)
COMPUTER SCIENCE (BS, MS, PhD) MI
  Critical Infrastructure Protection (MS)
  Software Engineering (MS)
ECONOMICS (BA, BS) MI
  Economics/Business (BS)
  Secondary Education (BA)
ELECTRICAL ENGINEERING (BS, MS, PhD, DE) MI
  Circuits and Electronics
  Communications and Signal Processing
  Computer Engineering
  Controls and Systems
  Electromagnetics
  Optics and Devices
  Power and Energy
  Solar Energy (MS)
ENGINEERING MANAGEMENT (BS, MS, PhD) MI
  Industrial Engineering (BS)
  Management of Technology (BS)
  Manufacturing Engineering (BS)
  Packaging Engineering (BS)
  Public Works (MS)
  Quality Engineering (BS)
ENGLISH (BA)
  Secondary Education
ENVIRONMENTAL ENGINEERING (BS, MS, PhD)
EXPLOSIVES ENGINEERING (MS, PhD) MI
GEOLOGICAL ENGINEERING (BS, MS, PhD, DE) MI
  Engineering Geology and Geotechnics (BS)
  Environ Protect & Haz Waste Mgt (BS)
  Groundwater Hydro & Contaminant Transport (BS)
  Petroleum, Energy and Natural Resources (BS)
  Quarry Engineering (BS)
  Hazardous Waste Engineering & Science (MS)
GEOLOGY AND GEOPHYSICS (BS, MS, PhD)
  Exploration Geochimistry (MS, PhD)
  Exploration Geophysics (MS, PhD)
  Geochimistry (BS)
  Geophysics (BS)
  Groundwater & Environmental Geochemistry (BS)
  Petroleum Geology (BS)
GEOTECHNICS (ME)
HISTORY (BA) MI
  Secondary Education
INDUSTRIAL ORGANIZATIONAL PSYCHOLOGY (MS)
INFORMATION SCIENCE & TECHNOLOGY (BS, MS) MI
  Enterprise Resource Planning
  Human Computer Interaction (BS)
MANUFACTURING ENGINEERING (MS, ME)
MATERIALS SCIENCE AND ENGINEERING (MS, PhD)
MATHEMATICS (MST, PhD) MI
  Computational and Applied Mathematics (PhD)
  Statistics (PhD)
MECHANICAL ENGINEERING (BS, MS, PhD, DE)
  Control Systems
  Energy Conversion
  Environmental Systems
  Instrumentation
  Manufacturing Processes
  Materials Science
  Mechanical Design and Analysis
  Thermal Science
METALLURGICAL ENGINEERING (BS, MS, PhD)
  Chemical Metallurgy (BS)
  Manufacturing Metallurgy (BS)
  Physical Metallurgy (BS)
MINING ENGINEERING (BS, MS, ME, PhD, DE) MI
  Coal (BS)
  Explosives Engineering (BS)
  Mining & the Environment (BS)
  Quarry Engineering (BS)
  Sustainable Development (BS)
  MULTIDISCIPLINARY STUDIES (BA)
NUCLEAR ENGINEERING (BS, MS, PhD) MI
PETROLEUM ENGINEERING (BS, MS, PhD, DE) MI
PHILOSOPHY (BS) MI
PHYSICS (BS, MS, MST, PhD) MI
  Applied Physics (BS)
  Geophysics (BS)
  Secondary Education (BS)
PSYCHOLOGY (BA,BS) MI
  Cognitive Neuroscience
  Human Resources/Personnel
  Human Services
  Psychology of Leadership
  Secondary Education (BA, BS)
SYSTEMS ENGINEERING (MS, PhD)
  TECHNICAL COMMUNICATION (BS, MS) MI

Updated 07/07/2015
MINORS
(In addition to those designated MI on previous page)

Adaptive Leadership  Finance  Music
American Studies    French    Philosophy of Technology
Art    Geology    Political Science
Automation Engineering    German    Pre-Law
Bioinformatics    Global Studies    Pre-MBA
Biomedical Engineering    Global Sustainable Economics    Pre-Medicine
Business    Human-Computer Interaction & User Experience    Psychology of Leadership
Business Analytics & Data Science    Humanitarian Engineering and Science Psychometrics
Cognitive Neuroscience    Ind/Organizational Psychology    Russian
Communication Studies    International Economics    Science, Technology & Humanity
Creative Writing    Leadership Communication    Sociology
Digital Supply Chain Management    Literature    Spanish
Electronic and Social Commerce    Literature and Film    Studio Art
Energy Technology    Management    Sustainability
Enterprise Resource Planning    Marketing    Technical Communication*
Entrepreneurship    Mineral Process Engineering    Theatre
Ethics    Mobile Business and Technology    Writing
Explosives Engineering*    Multiculturalism & Diversity
Film and Literature

* Indicates undergraduate & graduate level minor
Updated 09/15/2015

UNDERGRADUATE CERTIFICATES

Certificate
Explosives Engineering
Explosives Technology
Technical Writing

Discipline
Mining & Nuclear Engineering
Mining & Nuclear Engineering
Technical Communication

Updated 10/25/2012

GRADUATE CERTIFICATES

Certificates
Actuarial Science
Big Data Management and Analytics
Big Data Management and Security
Business Analytics and Data Science
Business Essentials
Business Intelligence
CAD/CAM and Rapid Product Realization
Composite Materials and Structures
Computational Intelligence
Contemporary Structural Engineering
Control Systems
Digital Media
Digital Supply Chain Management
Electric Machine and Drives
Electric Power Systems Engineering
Electronic and Social Commerce
Energy Conversion and Transport
Engineering Management
Engineering Mechanics
Enterprise Resource Planning
Entrepreneurship and Technological Innovation
Explosives Engineering
Explosives Technology
Financial Engineering
Financial Mathematics
Geoenvironmental Engineering
Geotechnical Earthquake Engineering
Geotechnics
Human Computer Interaction
Human Systems Integration
Information Assurance & Security Officer Essentials
Information Systems and Cloud Computing
Infrastructure Renewal
Leadership in Engineering Organizations
Lean Six Sigma
Management and Leadership
Management for Sustainable Business
Manufacturing Automation
Manufacturing Systems
Military Construction Management
Military Geological Engineering

Discipline
Mathematics
Computer Science
Computer Science
Information Science & Technology
Business Administration
Information Science & Technology
Manufacturing Engineering
Aerospace Engineering/Mechanical Engineering
Systems Engineering/Computer Engineering/Computer Science
Civil Engineering
Mechanical Engineering
Information Science & Technology
Information Science & Technology
Electrical Engineering
Information Science & Technology
Aerospace Engineering/Mechanical Engineering
Engineering Management
Aerospace Engineering/Mechanical Engineering
Information Science & Technology
Business Administration
Mining Engineering
Mining Engineering
Engineering Management/Systems Engineering
Mathematics
Civil Engineering
Civil Engineering
Geotechnics
Information Science & Technology
Engineering Management/Information Science & Technology
Computer Engineering/Computer Science
Computer Science
Civil Engineering
Engineering Management/Psychology
Engineering Management
Business Administration
Business Administration
Mechanical Engineering
Manufacturing Engineering
Civil Engineering/Engineering Management
Geological Engineering
Minning Engineering
Mobile Business and Technology
Model Based Systems Engineering
Network Centric Systems
Project Engineering and Construction Management
Project Management
Psychology of Leadership
Psychometrics
Safety Engineering
Software Design and Development
Statistics
Systems Engineering
Systems and Software Architecture
Technical Communication
Wireless Networks and Mobile Systems

Mining Engineering
Information Science & Technology
Systems Engineering
Computer Engineering/Systems Engineering
Civil Engineering/Engineering Management
Engineering Management/Information Science & Technology
Information Science & Technology/Psychology
Mathematics/Psychology
Chemical and Biochemical Engineering/Engineering Management
Computer Science
Mathematics and Statistics
Systems Engineering
Computer Science
Technical Communication
Computer Science

Updated 08/14/2014

TEACHER CERTIFICATION PROGRAMS

Secondary Education Certification
- Applied Mathematics BS
- Biological Sciences BA
- Chemistry BA
- Economics BA
- English BA
- History BA
- Physics BS
- Psychology BA, BS

Elementary Education Certification
- Multidisciplinary Studies BA

Updated 02/04/2015