AREAS OF SPECIALIZATION

COMPLETE LIST OF DEGREE OPTIONS:
ENGIN.UMICH.EDU/GRADPROGRAMS

AEROSPACE ENGINEERING
Adaptive Control for Aerospace Applications
Aerodynamics
Aerospace Information Systems
Autonomous Air Vehicles
Combustion & Energy Sciences
Composite Structures
Computational Fluid Dynamics
Computational Solid Mechanics
Control of Propulsion Systems
Electric Propulsion & Plasma Physics
Flapping-wing Aerial Vehicles
Hypersonic Vehicles
Multidisciplinary Design & Optimization
Rotorcraft Aeromechanics
Smart Materials & Structures
Spacecraft Dynamics, Control, & Systems Engineering
Structural Health Monitoring
Turbulence & Fluid Mechanics
Wind Energy

SYSTEMS ENGINEERING

BIOMEDICAL ENGINEERING
APPLICATIONS
Biomedical, Chemical, & Environmental
Energy Conversion Materials
Energy Storage & Environment
Geophysics
High-field Laser Science
Medical Physics
Nanotechnology
Natural Resources & Sustainability
Optical Science
Plasma Science
Quantum Electronics & Information
Solid State Opto-electronics
Spintronics
Syndrornost Radiation Studies
Thin Films & Nanostructures

BIOMATERIALS & DEVICES

CHEMICAL ENGINEERING

COMPUTER SCIENCE & ENGINEERING
Artificial Intelligence
Chip Design, Architecture & Emerging Devices
Computers & Runtime Systems
Database Systems & Data Mining
Human-Computer Interaction
Networking, Operating Systems & Distributed Systems
Robotics
Secure, Trustworthy & Reliable Systems
Software Engineering
System & Software Development

MECHANICAL ENGINEERING

MATERIALS ENGINEERING

CIVIL & ENVIRONMENTAL ENGINEERING

CIVIC & ENVIRONMENTAL ENGINEERING

ELECTRICAL & COMPUTER ENGINEERING

ENGINEERING SUSTAINABLE SYSTEMS

ENGINEERING SUSTAINABLE SYSTEMS

INDUSTRIAL & OPERATIONS ENGINEERING

INTEGRATIVE SYSTEMS + DESIGN

MACROMOLECULAR SCIENCE & ENGINEERING

MECHANICAL ENGINEERING

NAVAL ARCHITECTURE & MARINE ENGINEERING

NUCLEAR ENGINEERING & RADILOGICAL SCIENCES

ROBOTICS

TAUBER INSTITUTE FOR GLOBAL OPERATIONS

UNIVERSITY OF MICHIGAN