IME CONCENTRATIONS and COURSES

- Operations Research
  - IME 550 Operations Research I
  - IME 650 Operations Research II
  - IME 750 Linear programming
  - IME 850 Integer programming
  - IME 851 Stochastic processes
  - IME 930 Multiple Criteria Decision Making
  - IME 960B Network Optimization

- Systems
  - IME 556 Information Systems
  - IME 664 Engineering Management
  - IME 740 Anal. of Decision Processes
  - IME 764 Systems Engineering and Analysis
  - IME 865 Modeling and Analysis of Discrete Systems
  - IME 877 Foundations of Neural Networks

- Production and Supply Chain Analytics
  - IME 553 Production Systems
  - IME 565 Systems Simulation
  - IME 563 Facilities Planning and Design
  - IME 783 Supply Chain Management
  - IME 767 Lean Manufacturing
  - IME 825 Enterprise Engineering
  - IME 880K Advanced Facilities and Material Handling
  - IME 883 Supply Chain Engineering
  - IME 960C Modeling and computational methods in supply chains

- Quality and Reliability
  - IME 754 Reliability and Maintainability Engineering
  - IME 835 Applied Forecasting Methods
  - IME 864 Risk Analysis
  - IME 554 Stat. Quality Control
  - IME 755 Design of Experiments
  - IME 854 Quality Engineering

- Manufacturing Engineering
  - IME 758 Analysis of Manufacturing Processes
  - IME 768 Metal Machining: Theory and Applications
  - IME 775 Computer Integrated Manufacturing
  - IME 778 Machining of Composites
  - ME 737 Robotic and Control
  - ME 659 or EE 684 Mechanical Control Systems or Introductory Control System Concepts
  - ME 760 Fracture Mechanics
  - ME 762 Polymeric Composite Materials
  - AE 722 Finite Element Analysis of Structures I
  - EE 784 Digital Control Systems

- Human Systems Engineering
  - IME 549 Ergonomics
  - IME 749 Ergonomic Assessment Methods
  - BME 752 Applied Human Biomechanics
  - BME 757 Clinical Biomechanics Instrumentation
  - ME 709 Injury Biomechanics
  - PHS 808 Epidemiology
  - PHS 816 Environmental Health
  - PSY 920 Psychological Principles of Human Factors
  - PSY 921 Seminar in Human Factors