MECHANICAL ENGINEERING
GRADUATE MAJOR (MENG, MS, PHD)

The School of Mechanical, Industrial, and Manufacturing Engineering
offers graduate programs leading to the Master of Engineering, Master of
Science, and Doctor of Philosophy degrees. Master's degree candidates
may pursue thesis or nonthesis options; students in the nonthesis option
must complete additional course work where an individual project may be
included.

The mechanical engineering field is diverse, therefore, research activities
in the school encompass a broad range of technical endeavors. Areas
of research include applied mechanics, solid mechanics, biomechanics,
dynamics, stress analysis, design, systems and control, energy, applied
thermodynamics, heat transfer, fluid mechanics, metallurgy, and materials
science.

In addition, research activities have been directed toward areas of current
interest and need, including wind energy, microscale energy conversion,
combustion, composite materials, superconductors, advanced materials,
impact dynamics, mechatronics, microscale fluid mechanics, diagnostics
in design, design for manufacture and computer-aided design and
manufacturing, design and control of complex systems.

Major Code: 3210