



# Mechanical Engineering

The world-class faculty at the University of Wisconsin–Madison Department of Mechanical Engineering places an emphasis on teaching while conducting a broad range of research. As a student you will be immersed in hands-on learning — working in teams to design and build prototypes, solving real-world problems in real-world settings.

## *Program Overview*

Experience the Mechanical Engineering Thematic Track VISP Program! As a participant you are guaranteed enrollment in a cohesive set of senior-level courses in our department. You can complete your full-time course load either with additional mechanical engineering courses — or we will help suggest relevant courses to seek out in a related discipline.

VISP participants who successfully complete an academic year in our program and receive a grade of B or better in classes have the option to apply for preferred admission to the accelerated Master of Science in Mechanical Engineering degree program.

## *Student Support*

From the time you apply to the end of your stay, the VISP staff is here to assist you. As a VISP participant, you have full access to all of UW–Madison’s academic and student support services, such as libraries, computer labs, clubs and sports facilities. You are also encouraged to attend VISP-sponsored social and cultural events. Upon completion you will receive an official UW–Madison transcript.

## *Academics*

Participants are expected to be at the junior or senior level in their mechanical engineering curriculum. Students participate in the spring, summer and fall terms. Spots for VISP students will be reserved in the courses listed below, though students can add or remove courses according to their interests and academic needs. Design project credits are also available.

Spring	Summer	Fall
ME 368 Engineering Measurements & Instrumentation	ME 364 Heat Transfer	ME 370 Energy Systems Lab
ME 342 Design of Machine Elements	ME 418 Engineering Design with Polymers	ME 469 Internal Combustion Engines
ME 461 Thermal Fluid System Modeling		ME 440 Intermediate Vibrations

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