**WSE**

**Women in Science and Engineering**

**WSE 187 Women in the Laboratory: Introduction to Science, Engineering, and Mathematics Research**

An introduction to and hands-on experience in doing research in mathematics, engineering, and several science disciplines within a group setting. The students rotate among four research environments: computer science, mathematics, social sciences, and natural sciences and engineering. Within each environment they are given background readings, instructed in the problem to be studied, jointly carry out a small experiment related to the problem, and discuss the social implications of the research problem. Students make presentations related to one of the projects in which they participate. Enrollment limited to first-year women in the WISE program.

3 credits

**WSE 242-H Social Dimensions of Science**

A study of social aspects of science in connection with specific projects conducted with professional scientists outside the University. The student research experience is placed in the context of current ideas on philosophical, economic, political, social, and psychological aspects of science. Students not in the WISE program must obtain permission to register for the course.

Prerequisite: One of the following: BIO 201, BIO 202, CHE 131, CHE 141, GEO 102/112, GEO 122, PHY 125, PHY 131/133, or PHY 141

3 credits