WOMEN'S STUDIES PROGRAM

Spring 1989

W.S. 204-3
WOMEN, SCIENCE AND TECHNOLOGY

We live in a society where an understanding of science and technology is increasingly important. This course offers a critical approach to such important issues as:

1. Women as scientific practitioners; barriers and rewards.
2. Effects of gender on scientific theory and practice.
4. How science is used to define women's 'nature'.
5. The 'new genetics', with an investigation of its general social implications and its specific implications for new reproductive technologies.

A continuing theme will be a comparison between the problems around the present practice of science and technology and the possibilities opened up by alternative approaches.

REQUIRED READING

* FERGUSEN, J., ed., Who Turns the Wheel (Science Council of Canada) (available at cost in class)

* CHING, H., ed., Proceedings: 1st Annual Conference for Women in Science, Technology and Engineering (Society for Canadian Women in Science and Technology)

* LOWE, M. & R. HUBBARD, Woman's Nature (Pergamon)

KELLER, E. A Feeling for the Organism (W.H. Freeman)

ALBURY, D. & J. SCHWARTZ, Partial Progress (Pluto)

WATSON, D. The Double Helix (Mentor)

* (selections from these books)

ASSIGNMENTS

30% Essay (10-12 pp)
15% Class Participation
25% Mid-term exam
30% Final (take-home) exam

This course may be applied to the certificate in Liberal Arts.

This course may be taken as a complementary studies elective for Engineering Science.