

Anoka-Ramsey Community College

BIOL 1108: Biology of Women

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: Goal 07 - Human Diversity, Goal 03 - Natural Science

(Cross-listed with WGST 1108)

(MnTC Goals 3 and 7)

This course studies the biological aspects of being a woman. Analysis of assumptions concerning women's biology and women's health care, including the importance of taking a responsible role in personal health care, will be addressed. The course explores female and male reproductive anatomy and physiology, sexual development, issues related to women's health and disease, pregnancy and birth, contraception and infertility, menopause, and other topics. It also includes a reproductive anatomy and physiology-based lab-like experience. Open to both women and men.

B. COURSE EFFECTIVE DATES: 06/01/1998 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Structure and function of female (and male) reproductive anatomy
2. Sex determination and sexual development
3. Theories of onset, causes, and changes that occur with puberty in the female (and male)
4. Physiological relationship of the endocrine system with the female (and male) reproductive system(s)
5. Menstrual cycle, including normal physiology, history of societal views and abnormal occurrences, including treatments
6. Ovarian cycle, including meiosis and oocyte development, ovulation and post-ovulatory events
7. Female and male sexual response (including the history of research in this area and stereotypes of female v male sexuality)
8. Processes of fertilization, pregnancy, labor, and delivery, including current delivery options
9. Current contraception methods (and the history of using women for testing of contraceptives)
10. Infertility, including causal theories, types, and current treatment methods and options
11. Causes, symptoms, and treatment methods of various female reproductive system disorders and diseases, including cancers, eating disorders, STDs, etc.
12. Reasons for and expected results from basic procedures that occur during gynecological examination
13. Causal theories, indicators, history of treatment vs. non-treatment, and changing societal views of menopause
14. Scientific method and its relationship to medical information regarding women
15. The role that the Women's Health Movement played in changing the views of the medical profession and women toward each other
16. History of the treatment of women by the medical profession and how recent changes in the system are benefitting women

D. LEARNING OUTCOMES (General)

1. Identify myths and stereotypes related to women's biology in the major content areas
2. Illustrate an understanding of issues relating to women's biology through personal interviews, journaling, book reports, current article analyses, personal experience writing projects, analyses of internet resources regarding women's health, or other similar projects
3. Demonstrate an understanding of major areas of course content

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

Goal 07 - Human Diversity

1. Understand the development of and the changing meanings of group identities in the United States' history and culture.
2. Demonstrate an awareness of the individual and institutional dynamics of unequal power relations between groups in contemporary society.
3. Analyze their own attitudes, behaviors, concepts and beliefs regarding diversity, racism, and bigotry.
4. Describe and discuss the experience and contributions (political, social, economic, etc.) of the many groups that shape American society and culture, in particular those groups that have suffered discrimination and exclusion.

Goal 03 - Natural Science

1. Demonstrate understanding of scientific theories.
2. Communicate their experimental findings, analyses, and interpretations both orally and in writing.
3. Evaluate societal issues from a natural science perspective, ask questions about the evidence presented, and make informed judgments about science-related topics and policies.

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted