

OBSTETRICS AND GYNECOLOGY

Chair: Jonathan S. Berek

Courses given in Gynecology have the subject code OBGYN. For a complete list of subject codes, see Appendix.

The Department of Obstetrics and Gynecology does not offer degrees; however, qualified medical, graduate, or undergraduate students with an interest in basic research in reproductive biology may apply to arrange individual projects under the supervision of the faculty. The focus for the Division of Reproductive Biology is the study of the molecular and cellular biology of male and female reproductive organs.

COURSES

OBGYN 78Q. Darwin's Evolution and Genomic Revolution—Stanford Introductory Seminar. Preference to sophomores. Topics include evolution based on fossil and genetic evidence, mechanisms of natural selection, the impact of genomic revolution on the study of gene evolution, new gene discovery, human-accelerated selection, Darwinian medicine, and the social implications of evolution.

3 units, Win (Hsueh, A)

OBGYN 199. Undergraduate Research in Reproductive Biology—Investigations sponsored by individual faculty members. Prerequisite: consent of instructor.

1-18 units, Aut, Win, Spr, Sum (Staff)

OBGYN 202. Assisted Reproductive Technologies—(Same as DBIO 202.) Primary literature in basic and clinical science, and demonstrations of assisted reproductive technologies (ART). Techniques include in vitro fertilization covering micromanipulation procedures such as intracytoplasmic sperm injection and the culture of blastocysts, using mouse gametes, and pre-embryos. Class only may be taken for 1 unit. 2 units includes papers and attendance at clinical demonstrations. 3 units includes a term paper. Prerequisite: DBIO 201 recommended, or consent of instructors.

1-3 units, Win (Porzig, E; Behr, B)

OBGYN 399. Graduate Research - Reproductive Biology—Investigations sponsored by individual faculty members. Prerequisite: consent of instructor.

1-18 units, Aut, Win, Spr, Sum (Staff)