The University Curriculum Committee recommends approval of the following:

1. New Courses

**BIMS 320. Biomedical Genetics. (3-0). Credit 3.** Fundamental genetic principles as applied to biomedical science; Mendelian inheritance, linkage and genetic mapping, mutagenesis and pedigree analysis; molecular basis of gene function and inherited disease; gene therapy and genetic counseling. Credit cannot be given for both GENE 301 and GENE 320. Prerequisite: Junior or senior classification. Cross-listed with GENE 320.

**BIMS 405. Mammalian Genetics. (3-0). Credit 3.** Comparative mammalian genetic systems with emphasis on laboratory animals; organization and expression of mammalian genes; development and use of genetically defined animals in biomedical and genetic research. Prerequisites: GENE 301 or GENE 320; junior or senior classification. Cross-listed with GENE 405.

**BIMS 421. Advanced Human Genetics. (3-0). Credit 3.** A rigorous, analytical approach to genetic analysis of humans including diagnosis and management of genetic disease in humans; transmission of genes in human populations; human cytogenetics; the structure of human genes; human gene mapping; molecular analysis of genetic disease; genetics screening and counseling. Prerequisites: GENE 320; BICH 410 or 440; junior or senior classification. Cross-listed with GENE 421.