CBMG - CELL BIOLOGY & MOLECULAR GENETICS

CBMG626 Quantitative Modeling for Experimental Biologists (2 Credits)
A toolkit for understanding processes through the generation of useful models constrained by data. Topics explored include Simulations, Information Theory, Dynamical Systems, and Control Theory.
**Prerequisite:** BIOL705; or permission of the instructor.
**Recommended:** Some familiarity with programming (NetLogo, R and/or Python) is helpful.

CBMG688 Special Topics in Cell Biology and Molecular Genetics (1-4 Credits)
Presentation and discussion of fundamental problems and special subjects in the topics of Cell Biology and Molecular Genetics.
Formerly: MICB688.

CBMG699 Special Problems in Cell Biology and Molecular Genetics (1-3 Credits)
Emphasis is placed on research and discussion of current problems in the area of Cell Biology and Molecular Genetics.
**Repeatable to:** 10 credits if content differs.
Formerly: PBI0699.

CBMG789 Seminar in Cell Biology and Molecular Genetics (2 Credits)
Cell Biology and Molecular Genetics Department Seminar.
**Repeatable to:** 4 credits if content differs.
Formerly: MICB789.

CBMG799 Masters Thesis Research (1-6 Credits)
Master’s Thesis Research in Cell Biology and Molecular Genetics.

CBMG898 Pre-Candidacy Research (1-8 Credits)
Pre-candidacy Research.

CBMG899 Doctoral Dissertation Research (1-8 Credits)
Doctoral Dissertation Research.