CHPH - CHEMICAL PHYSICS

CHPH618 Special Projects in Chemical Physics (1-3 Credits)
Independent reading and study covering chemical physics subject areas not available in other courses.
Restriction: Permission of instructor.
Repeatable to: 6 credits.

CHPH707 Advanced Laboratory - Photon Correlation Spectroscopy of Soft Matter (3-4 Credits)
The course is based at the Photon Correlation Spectroscopy facility, also known as Dynamic Light Scattering (DLS). The DLS has three state-of-the-art instruments for the characterization of nano-and meso-scale heterogeneities in soft-matter materials, such as nanoparticles, polymers, protein molecules in solution, gels, and microemulsions.
Repeatable to: 3 credits.

CHPH709 Seminar in Chemical Physics (1 Credit)
Current research and developments in chemical physics.

CHPH718 Special Topics in Chemical Physics (1-3 Credits)
A discussion of current research problems in chemical physics.
Repeatable to: 99 credits if content differs.

CHPH799 Master's Thesis Research (1-6 Credits)
CHPH898 Pre-Candidacy Research (1-8 Credits)
CHPH899 Doctoral Dissertation Research (1-8 Credits)