

TABLE I: Physics courses for Chemistry students pursuing the Chemical Physics Program

Course Number	Subject
Phys. 505	Physics of Fluids
Phys. 506	Experimental Methods
Phys. 507	Contemporary Optics
Phys. 508	Laser Physics
Phys. 511/512	Theoretical Physics
Phys. 521/522	Quantum Mechanics
Phys. 531/532	Classical Mechanics
Phys. 541/542	Electricity and Magnetism
Phys. 551	Statistical Mechanics
Phys. 555	Solid State Physics
Phys. 571/572	Math Methods in Physics
Phys. 574	Group Theory
Phys. 601/602	Adv. Atomic Theory
Phys. 605	Laser Spectroscopy
Phys. 606	Non-linear Optics
Phys. 610	Quantum Optics
Phys. 611	Adv. Quantum Mechanics and Field Theory
Phys. 671/672	Adv. Solid State Physics

TABLE II: Chemistry courses for Physics students pursuing the Chemical Physics Program

Course Number	Subject
Chem. 530	Chemical Bonding
Chem. 540	Nuclear and Radiochemistry
Chem. 570	Quantum Chemistry and Spectroscopy
Chem. 571	Adv. Quantum Chemistry and Spectroscopy
Chem. 572	Thermodynamics and Statistical Mechanics
Chem. 573	Chemical Kinetics and Transport
Chem. 595	Physical Chemistry of Polymers
Chem. 630	Selected Topics in Inorganic Chemistry
Chem. 670	Selected Topics in Physical Chemistry
Chem. 690	Selected Topics in Polymer Chemistry