

# Course Schedule - Fall 2008

## Physics

486 **Quantum Physics I** credit: 4 hours.

Atomic phenomena integrated with an introduction to quantum theory; evidence for the atomic nature of matter and the properties of the Schrodinger equation, single particle solutions in one dimension, the hydrogen atom, perturbation theory, external fields, and atomic spectroscopy of outer electrons. Prerequisite: MATH 285; PHYS 214; credit or concurrent registration in MATH 415.

Register for a lecture and a discussion section.

CRN	Type	Section	Time	Days	Location	Instructor
32793	lecture	A	09:00 AM - 10:20 AM	TR	room 136 Loomis Laboratory	Vishveshwara, S
32784	discussion-recitation	D1	07:00 PM - 07:50 PM	W	room 137 Loomis Laboratory	De Gottardi, W
32787	discussion-recitation	D2	08:00 PM - 08:50 PM	W	room 137 Loomis Laboratory	De Gottardi, W