Physics

**PHYS 214  Univ Physics: Quantum Physics**  credit: 2 hours.
Interference and diffraction, photons and matter waves, the Bohr atom, uncertainty principle, and wave mechanics. A calculus-based course for majors in engineering, mathematics, physics, and chemistry. Credit is not given for both PHYS 214 and PHYS 102. Prerequisite: PHYS 212.

For students in engineering, mathematics, physics and chemistry. Exams are given in the evening (during fall and spring semesters). PHYS 214 meets only during part of the term; check the meeting dates. Register for a lecture (A) section, a discussion (D) section and a laboratory (L) section. Engineering students must obtain a dean's approval to drop this course after the second week of instruction.

This course satisfies the General Education Criteria for a:
Quantitative Reasoning II
Nat Sci & Tech - Phys Sciences

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Physical Sciences, and Quant Reasoning II course.

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