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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Nat Sci & Tech - Phys Sciences, and Quantitative Reasoning II course.

| 38330 | Lecture               | A2      | 10:00 AM - 10:50 AM| MWF  | 141 - Loomis Laboratory | Wagner, L  |

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| 38331 | Lecture               | A3      | 11:00 AM - 11:50 AM| MWF  | 141 - Loomis Laboratory | Wagner, L  |

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| 59008 | Discussion/Recitation | D2A     | 08:00 AM - 09:50 AM| T    | 143 - Loomis Laboratory | Dahmen, K  |

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| 38332 | Discussion/Recitation | D2B     | 08:00 AM - 09:50 AM| T    | 147 - Loomis Laboratory | Chang, Y   |

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| 38340 | Discussion/Recitation | D2E     | 10:00 AM - 11:50 AM| T    | 143 - Loomis Laboratory | Mickalide, H|

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| 38334 | Discussion/Recitation | D2F     | 10:00 AM - 11:50 AM| T    | 147 - Loomis Laboratory | Agrawal, S |

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