

LIBERAL STUDIES: Humanities/Social Science *(Revised February 2015)*

Physics Program Sequence B

Required credits: 18-20

Introductory Level Courses: 4 credits

PHYS 00220 Introductory Mechanics (4 cr.) *(prerequisite Calculus I)*

Advanced Level Courses: 11-12 credits

PHYS 00222 Introductory Electricity & Magnetism (4 cr.) *(prerequisites Calculus II concurrently and PHYS 00220)*

PHYS 00300 Modern Physics (4 cr.) *(prerequisites Calculus II and PHYS 00222)*

*And choose **one** course from:*

PHYS 00310 Analytical Mechanics (4 cr.)

PHYS 00320 Electricity and Magnetism I (4 cr.)

PHYS 00410 Quantum Mechanics (4 cr.)

PHYS 00430 Statistical Physics (3 cr.)

PHYS 00340 Optics and Light (4 cr.)

Senior Level Capstone: 3-4 credits

*Choose **one** course from:*

PHYS 00440 Advanced Laboratory (4 cr.) *(prerequisite PHYS 00300)*

PHYS 00250 Physics Research (3 cr.)