

PHYSICS (SECOND MAJOR)

The requirements for physics as a second major, for students in the colleges of engineering, arts and letters or business, consists of the physics and mathematics courses listed above for the physics major, except the chemistry sequence. To list physics as a second major on the transcript, the student must satisfy all of the requirements for a major in some department and college of the university.

Code	Title	Hours
PHYS 10411 & PHYS 11411	Physics A: Mechanics and Physics A Lab	4
PHYS 10422 & PHYS 11422	Physics B: Electricity & Magnetism and Physics B Lab ²	4
PHYS 20433	Physics C: Thermo & Relativity	3
PHYS 20444	Physics D: Modern	3
MATH 10550 & MATH 10560 & MATH 20550	Calculus I and Calculus II and Calculus III ³	11.5
PHYS 20430	Intro Circuitry & Electronics	1.5
PHYS 23411	Sophomore Seminar	1
PHYS 20451 & PHYS 20452	Mathematical Methods in Physics I and Mathematical Methods in Physics II	7
PHYS 20454	Intermediate Classical Mechanics	3
PHYS 30471	Electricity & Magnetism	3
PHYS 50602	Particle Physics and Cosmology (A Modern Physics Course)	3
or PHYS 50501 Introduction to Condensed Matter Physics		
or PHYS 50701 Introduction to Nuclear Physics		
PHYS 41441	Modern Physics I Laboratory	3
PHYS 30461	Thermal Physics	3
PHYS 40453	Introduction to Quantum Mechanics I	3
Total Hours		53