

# 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	Physics A: Mechanics	4
& PHYS 11411	and Physics A Lab	
PHYS 10422	Physics B: Electricity & Magnetism	4
& PHYS 11422	and Physics B Lab <sup>2</sup>	
PHYS 20433	Physics C: Thermo & Relativity	3
PHYS 20444	Physics D: Modern	3
MATH 10550	Calculus I	11.5
& MATH 10560	and Calculus II	
& MATH 20550	and Calculus III <sup>3</sup>	
PHYS 20430	Intro Circuitry & Electronics	1.5
PHYS 23411	Sophomore Seminar	1
PHYS 20451	Mathematical Methods in Physics I	7
& PHYS 20452	and Mathematical Methods in Physics II	
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
<b>Total Hours</b>		<b>53</b>