

Physics Minor

The 18 semester hours required for a minor in Physics are selected with a view toward contributing to the individual student's educational goals.

Most physics minors take one of the following tracks

A physics minor is appropriate for several majors, including mathematics, chemistry, computer science, and engineering.

A comprehensive minor in physics is available for doctoral degree students majoring in curriculum and instruction. This program is recommended for community and senior college teachers of science and for school supervisors. (See Doctor of Education degree program, Department of Curriculum and Instruction (<http://www.tamuc.edu/academics/colleges/educationHumanServices/departments/curriculumInstruction/doctoralProgram/default.aspx>.)

PHYS 2425	University Physics I	4
PHYS 2426	University Physics II	4
PHYS 333	Wave Motion, Acoustics, and Optics	4
Plus 6 sh from:		6
PHYS 317	Mathematical Methods for Physics and Engineering	
PHYS 319	Computational Physics with Python	
PHYS 321	Modern Physics	
PHYS 335	Advanced Physics Laboratory	
PHYS 411	Classical Mechanics	
PHYS 412	Electricity and Magnetism	
PHYS 414	Thermodynamics and Kinetic Theory	
PHYS 420	Quantum Mechanics	
PHYS 371	Science and Math Education Theory and Practice	
PHYS 345	Teaching and Learning Physics	
Total Hours		18