

Physics Minor

I. REQUIREMENTS (19- 20 hours)

Group A: Required courses

Course	Hrs	Subject
*PHYS 2311, 2341	3+1	Physics 1 + Lab
*PHYS 2321, 2351	3+1	Physics 2 + Lab
PHYS 3051	<u>3</u>	Modern Physics
	11 hrs	

*PHYS 2111, 2121, can be substituted for PHYS 2311, 2321

Group B: Electives

Choose 3 additional courses** to complete the hours required for the physics minor.

Course	Hrs	Subject
PHYS 3011	2	Advanced Physics Lab
PHYS 3111	3	Nuclear Physics
PHYS 3411	3	Optics
PHYS 3451	3	Math. Methods
PHYS 3471	3	Astrophysics
PHYS 3511	3	Solid State
PHYS 3531	3	Statistical Mechanics
PHYS 3551	3	Electronics
PHYS 3571	3	Computational Physics
PHYS 3731	3	Analytical Mechanics
PHYS 3751	3	Quantum Mechanics
PHYS 4111	3	Electricity and Magnetism 1
PHYS 4121	3	Electricity and Magnetism 2
PHYS 4151	3	Plasma Physics
PHYS 4901	3	Special Topics in Physics

***Substitutions*: A maximum of 3 external credit hours may be substituted, provided a grade of C or better is earned in the corresponding course. Substitutions which may be allowed are:

ENGR 2131 for PHYS 3731, or
ECCS 3111 for PHYS 4111, or
CHEM 3421 for PHYS 3531.