

# MAJOR IN PHYSICS

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(65 credits)

Code	Title	Credits
<b>Required Physics Courses (39 Credits)</b>		
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
PHY305	Computational Physics	3
PHY306	Mechanics 1	3
PHY307	Mechanics 2	3
PHY308	Modern Physics I	3
PHY309	Modern Physics II	3
PHY310	Modern Physics Laboratory	1
PHY313	Electricity and Magnetism	3
PHY322	Optics	3
PHY331	Quantum Physics	3
PHY422	Thermal Physics	3
PHY491	Physics Senior Project (3-6)	3
<b>Required Cognate Courses (26 Credits)</b>		
CHE201 & CHE211	General Chemistry I and General Chemistry I Lab	4
CHE202 & CHE212	General Chemistry II and General Chemistry II Lab	4
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT353	Calculus III	4
MAT341	Applied Mathematics I	3
MAT342	Applied Mathematics II	3
<b>Total Credits</b>		<b>65</b>