Department of Physics – *CLAS*

Bachelor of Science, AppliedConcentration Plan of Study *Catalog Year Fall 2025 – Present*

Name _____ Student Admin # _____

ENGL 1007 _____ MATH 1131Q _____ MATH 1132Q _____ 2nd W Course _____ Second language Competency _____ Required Credits 120 _____

Skills (six credits from two areas, different subjects): Communication and Dialog _____ Digital and Media Literacy _____ Leadership and Ethics _____

Major Required Courses **Credits**

___ PHYS 2300 3
___ PHYS 3101 3
___ PHYS 3201 3
___ PHYS 2501W 4
___ PHYS 3300 3

Advanced Lab Requirement

___ PHYS 3150 OR 3
___ PHYS 3501 OR 3
___PHYS 4150 4

6 Additional Credits from Advanced Lab List AND/OR from:

Course		Credits
___ PHYS 4210	OR	3
___ PHYS 4350	OR	3
___ PHYS 4140	OR	3

OR one of:

___ PHYS 4710, 4720, 4730, 4740 3

PHYS 2000-Level or Above Electives/Research

_____ _____
_____ _____

Total Required PHYS Credits 30

18 Credits of Relateds 2000-level or Above
Up to six credits may be in Physics

Course	Credits	
MATH 2110	4	_____
MATH 2410	3	_____
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	
_____	_____	

Topics of Inquiry: Six different subject area

TOI-1 Creativity *3 credits*	**TOI-2 Cultural Dimensions** *6 credits*	**TOI-3 Diversity** *6 credits*	**TOI-4 Environmental** *3 credits*	**TOI-5 Individual Values** *6 credits*	**TOI-6 Scientific & Empirical** *6 credits*	✓
					CHEM 1127Q	
					CHEM 1128Q	
					PHYS 1601Q or 1401Q or 1501Q	
					PHYS 1602Q or 1402Q or 1502Q	
					BIOL 1107 or 1108 or 1110	

PHYS 1201 + PHYS 1202 + PHYS 1230 can be used to fulfill calculus-based intro physics sequence