

Le Moyne College										
Physics Major, typical B.A. program										
(as of 2013-14 Academic Year)										
Revised 4-20-17										
CREDIT	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR			
	F	S	F	S	F	S	F	S		
<b>MAJOR REQUIREMENTS</b>										
<b>PHYSICS</b>										
PHY 105	General Physics I (calc.) *	3	3							
PHY 103	General Physics Lab I *	1	1							
PHY 106	General Physics II (calc.) *	3		3						
PHY 104	General Physics Lab II *	1		1						
PHY 201	Fields and Waves	3		3						
PHY 203	Foundations of Modern Physics	3			3					
PHY 231	Foundations Lab	1			1					
PHY 303	Classical Electr/magn Theory I	3						3		
PHY 321	Analytical Mechanics I	3							3	
PHY 331	Atomic & Nuclear Physics Lab	1				1				
PHY 307	Quantum Mechanics I	3				3				
PHY 476	Physics Capstone	3						3		
<b>MAJOR SUPPORT</b>										
<b>MATHEMATICS</b>										
MTH 145	Calculus I	4	4							
MTH 146	Calculus II	4		4						
MTH 245	Calculus III	4			4					
<b>CORE REQUIREMENTS</b>										
<b>ENGLISH/SOC SCI/HIST/RELIG/PHILOS</b>										
COR 100	First Year Seminar	3	3							
WRT 101	Critical Writing	3	3							
HST 110	World Civilization I	3	3							
HST 111	World Civilization II	3		3						
PHL 110	Introduction to Philosophy	3		3						
PHL 210	Moral Philosophy	3			3					
EAC 1	Encountering Another Culture/	3			3					
EAC 2	Foreign Language	3				3				
ENG 210	Major Authors	3			3					
ENG 310	Literature & Culture	3				3				
IDS	Interdiscip. NatSci/SocSci/Math	3				3				
THE	Theology	3					3			
REL	Religious Studies	3						3		
(SOC)	Social Science	3							3	
COR 400	Senior Seminar: Transformations	3							3	
VPA	Visual & Performing Arts	1						1		
DIV	Diversity	0								
<b>ELECTIVES</b>										
Elective I	Major Elective	3					3			
Elective II	Major Elective	3							3	
Elective III	Technical Elective**	3				3				
Elective IV	Technical Elective**	3					3			
Elective V	Technical Elective**	3					3			
Elective VI		3		3						
Elective VII		3			3					
Elective VIII		3			3					
Elective XIX		3				3				
Elective X		3					3			
Elective XI		3						3		
Elective XII		3							3	
<b>TOTAL CREDITS</b>		122	17	14	16	16	16	15	13	15

0

\* Alternatively, PHY 105/6 & 103/4 could be taken during the sophomore year

\*\* See list of approved technical electives