

Le Moyne College									
Physics Major, typical program for B.S. with Concentration in Pre-Engineering (Civil with Geotechnical focus)***									
(as of 2016-17 Academic Year)									
Revised October 2022									
	CREDIT	FIRST-YEAR		SOPHOMORE		JUNIOR		SENIOR	
		F	S	F	S	F	S	F	S
MAJOR REQUIREMENTS									
PHYSICS									
PHY 105*	3	3							
PHY 103*	1	1							
PHY 106*	3		3						
PHY 104*	1		1						
PHY 201	3			3					
PHY 203	3				3				
PHY 231	1				1				
PHY 303	3							3	
PHY 321*	3				3				
PHY 331	1					1			
PHY 311	4			4					
PHY 333	3						3		
PHY 307	3					3			
PHY 308/XX	3						3		
PHY 401*	3								3
PHY 405*	3								3
PHY 431	1						1		
PHY 476	3							3	
MAJOR SUPPORT									
MATHEMATICS									
MTH 145*	4	4							
MTH 146*	4		4						
MTH 245*	4			4					
MTH 304*	4				4				
OTHER SCIENCES									
CHM 151*	4					4			
CORE REQUIREMENTS									
ENGLISH/SOC SCI/HIST/RELIG/PHILOS									
COR 100	3	3							
WRT 101	3	3							
HST 110	3	3							
HST 111	3		3						
PHL 110	3		3						
PHL 210	3			3					
EAC 1	3					3			
EAC 2	3						3		
ENG 210	3				3				
ENG 310	3					3			
IDS	3							3	
THE	3						3		
REL	3							3	
(SOC)	3		3						
COR 400	3								3
VPA	1								1
ADDITIONAL MASTERS PREREQUISITES*									
ENGINEERING									
ECS 221**	3			3					
CEE 325**	3				3				
CEE 331**	3					3			
CEE 332**	3						3		
CEE 337**	4							4	
CEE 338**	3								3
ELECTIVES									
PHY 3XX/4X	3								3
TOTAL CREDITS	133	17	17	17	17	17	16	16	16

* Satisfies pre-requisites for admission to masters program. 3.0 GPA in math/science/eng & overall also req'd

** Taken at Syracuse University

*** So long as pre-reqs (*-ed courses) are satisfied, students with B.A. degrees may also enter the M.S. program

PHY 3XX/4XX courses, except PHY 311, 331, 431, & 476, are offered in alternate years, so students graduating in odd-numbered years follow a program with the 3rd and 4th years of PHY courses interchanged.