

Courses that are CAPITALIZED are considered "critical" to timely degree progression.

Course ID	Course Title	Credit hours	Core Requirement	Important Notes	Term Taken
Year One: Fall 12 week (12 credit hours)					
FRCL 10101	First Year Colloquium	4			
MATH19800	CALCULUS I	4	MM		
	Hiram Core Requirement	4			
Year One: Fall 3 week (3-4 credit hours)					
	Hiram Core Requirement	3-4			
Year One: Spring 12 week (12 credit hours)					
FSEM 10201	First Year Seminar	4			
MATH19900	CALCULUS II	4			
	Hiram Core Requirement	3-4			
Year One: Spring 3 week (3-4 credit hours)					
	Hiram Core Requirement	3-4			
Year Two: Fall 12 week (12 credit hours)					
MATH20000	CALCULUS III	4			
PHYS 21300	Fundamentals of Physics I	4	SM	See Note 1	
	Foreign Language Requirement (Elementary I)	4			
Year Two: Fall 3 week (3-4 credit hours)					
INTD XXXXX	Interdisciplinary Requirement	3-4			
Year Two: Spring 12 week (12 credit hours)					
PHYS 15000	Use of Test and Measurement Equipment	1			
PHYS 21400	Fundamentals of Physics II	4			
	Foreign Language Requirement (Elementary II)	4			
	Elective, Second Major, Minor Course	4			
Year Two: Spring 3 week (3-4 credit hours)					
INTD XXXXX	Interdisciplinary Requirement	3-4			
Year Three: Fall 12 week (12 credit hours)					
PHYS 22500	Introduction to Electronics	4		Every other odd year	
PHYS 32000	Modern Physics w/ Lab	4			
	Hiram Core Requirement	4			
Year Three: Fall 3 week (3-4 credit hours)					
MATH21800	Linear Algebra	3		Every other odd year	
Year Three: Spring 12 week (12 credit hours)					
PHYS 35000	Quantum Physics	4		Every other even year	
	Hiram Core Requirement	4			
	Elective, Second Major, Minor Course	4			
Year Three: Spring 3 week (3-4 credit hours)					
PHYS 44000	Physics Advanced Lab	3		Every other even year	
Year Four: Fall 12 week (12 credit hours)					
CPSC 17100	Introduction to Computer Science I or Elective, Second Major, Minor Course	4		Or can take 1 credit CPSC 17000 in spring	
	Elective, Second Major, Minor Course	4			
	Elective	4			
Year Four: Fall 3 week (3-4 credit hours)					
PHYS 33000	Mechanics	3		Every other even year	

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Course ID	Course Title	Credit hours	Core Requirement	Important Notes	Term Taken
Year Four: Spring 12 week (12-13 credit hours)					
CPSC 17000	Java Supplement	0-1		Take if CPSC 17100 not taken in Fall	
CPSC 17200	Introduction to Computer Science II	4			
PHYS 33500	Thermal Physics	4		Every other odd year	
PHYS 36000	Electromagnetic Theory	4		Every other odd year	
Year Four: Spring 3 week (3-4 credit hours)					
MATH24300	Differential Equations	3		Every other odd year	

Minimum Total Program Hours	Minimum Required Major GPA	Minimum Required Cumulative GPA
120	2.00	2.00

Hiram Core: Ways of Knowing Category	Qualifying Course(s) in Program	Fulfilled or Required	Term Taken
Creative Methods (CM)		Required	
Interpretive Methods (IM)		Required	
Modeling Methods (MM)	MATH 19800	Fulfilled	
Scientific Methods (SM)	PHYS 21300	Fulfilled	
Social and Cultural Analysis (CA)		Required	
Experiencing the World (EW)		Required	
Understanding Diversity (UD)		Required	
Meaning, Ethics and Social Responsibility (ES)		Required	
Interdisciplinary Requirement (INTD)		Required	

Note 1: PHYS 21300 may be taken in year 1 if the student is very strong in math and physics.

Foreign language requirement note: students placing out of the foreign language requirement should take an elective, second major or minor course.

PATHWAY NOTE: This is a recommended Major Pathway; individual pathways may vary. Advisor consultation is a vital part of timely graduation.