MATHEMATICS (7-12)

47-48 credits

Code	Title	Credits
Required Mathematics Courses (36 Credits)		
MAT251	Calculus I	4
MAT252	Calculus II	4
MAT353	Calculus III	4
MAT260	Introduction to Proof	3
MAT331	Axiomatic Geometry	3
MAT304	Foundations of Algebra	3
MAT363	Combinatorics	3
or MAT381	Probability and Statistics I	
MAT362	Linear Algebra	3
MAT303	Foundations of Analysis	3
MAT431	Real Analysis I	3
MAT441	Abstract Algebra I	3
Required Cognate Courses (11-12 Credits)		
CPS104	Visual Programming	3-4
or CPS210	Computer Science I: Foundations	
PHY201 & PHY211	General Physics 1 and Physics 1 Laboratory	4
PHY202 & PHY212	General Physics 2 and General Physics 2 Lab	4
Total Credits		**47-48**