

**Degree Plan for Mathematics (B.A.)  
3+2 Data Science Track (Starting in an odd year)**

	Fall	Spring
<b>First Year</b>		
UNV101: University Seminar I (3 credits) & FYT100: First Year Transitions (1 credit)	X	
MTH195: Calculus I (4 Credits)	X	
CSC103: Computer Programming I (3 credits)	X	
Core Course (3 credits)	X	
Core Course (3 credits)	X	X
UNV102: University Seminar II (3 credits)		X
MTH196: Calculus II (4 Credits)		X
MTH173: Discrete Mathematics (3 Credits)		X
CSC104: Computer Programming II (3 credits)		X
<b>Second Year</b>		
RTS225: Quest for the Ultimate (3 credits) <i>or</i> PHL225: Quest for the Good Life (3 credits) ( <i>one each semester</i> )	X	X
MTH203: Calculus III (4 Credits)	X	
MTH211: Linear Algebra (3 Credits)	X	
PHY205: Principles of Physics I (4 Credits)	X	
Core Course (3 Credits)	X	X
MTH213: Differential Equations (3 Credits)		X
PHY206: Principles of Physics II (4 Credits)		X
Core Course (3 Credits)		X
<b>Third Year</b>		
STA341: Statistical Theory I (3 Credits)	X	
MTH421: Abstract Algebra (3 Credits)	X	
DSA201: Introduction to Data Science and Analytics (3 Credits)	X	
Elective in Business, Biology, CSC, Cybersecurity or DSA (3 Credits)	X	X
Core Course (3 Credits)	X	X
Core Course (3 Credits)		X
STA342: Statistical Theory II (3 Credits)		X
DSA202: Data Analysis and Visualization (3 Credits)		X