

STATISTICS SPECIALIZATION

This specialization builds on the core to provide a deeper training in the fundamental area of statistics. It provides an excellent preparation for graduate work in statistics, and is also good training for the student who wants to pursue a career involving statistics.

Year 2 (30 units total)

Core Requirements	Math 2X03 - Advanced Calculus I
	Math 2XX3 – Advanced Calculus II
	Math 2C03 – Differential Equations
	Math 2R03 – Linear Algebra II
	Stats 2D03 – Probability Theory
Specialization	Stats 2MB3 – Statistical Methods
Electives	12 units

Year 3 (30 units total)

Core Requirements	Math 3A03 – Real Analysis I
	Math 3X03 – Complex Analysis I
	6 units level II, III, IV Mathematics and Statistics, of which at least 3 must be level III, IV
Specialization	Stats 3A03 – Regression and Design of Experiments
	Stats 3D03 – Mathematical Statistics I
	3 units from Stats 3CI3 – Computational Inference, Stats 3S03 – Survey Sampling, Stats 3U03 – Stochastic Processes
Electives	9 units

Year 4 (30 units total)

Basic Requirements	15 units from Levels III, IV Mathematics and Statistics
Specialization	6 units Level IV Statistics
Electives	9 units