STATISTICS (STAT)

Updated February 7, 2024

Chair: Professor N. Rampersad; Professors: M. Ghahramani, S. Hossain; Associate Professors: G. Pokharel, Z. Mashreghi; Assistant Professors: L. Wickramasinghe; Instructors: S. Khan, M. Nasri

DEGREES/PROGRAMS OFFERED

3-Year BA
3-Year BSc
3-

REQUIREMENTS FOR A 4-YEAR BA/BSc IN STATISTICS

ADMISSION REQUIREMENT	30 credit hours previously completed in BA/BSc
GRADUATION REQUIREMENT	120 credit hours

RESIDENCE REQUIREMENT

Degree:	60 credit hours
Major:	30 credit hours

GENERAL DEGREE REQUIREMENT

Humanities:	12 credit hours in Humanities

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STAT-3104(3)	Analysis of Variance and Covariance
STAT-3105(3)	Time Series and Forecasting
STAT-3302(3)	Survey Sampling II
STAT/MATH-3412(3)	Introduction to Operations Research
STAT-3501(3)	Simulation
STAT-3904(3)	Statistical Computing II
STAT-4401(3)	Probability Theory
STAT-4501(3)	Spatial Statistics
STAT-4601(3)	Statistical Design of Experiments

If STAT-3102(3), STAT-3104(3) or STAT-3105(3) is taken as a core course, it cannot be used towards the 9 additional credit hours requirement.

Students who have not obtained a grade of at least C in both STAT-1301(3) Statistical Analysis I (OR STAT-1401(3) Statistics I for Business and Economics OR STAT-1501(3) Elementary Biological Statistics I) AND STAT-1302(3) Statistical Analysis II (OR STAT-2001(3) Elementary Biological Statistics II) are advised not to proceed in a Statistics major.

Students are advised to take MATH-1103(3) Introduction to Calculus I AND MATH-1104(3) Introduction to Calculus II OR MATH- 1101(6) Introduction to Calculus in their first year; MATH-1201(3) Linear Algebra I in their first or second year; and MATH-2105(3) Intermediate Calculus I, MATH-2106(3) Intermediate Calculus II, AND MATH-2203(3) Linear Algebra II in their second year.

Students planning to go on to gradu [illegible]