

	2022
Last 5-Year Review	2018-2019
Next 5-Year Review	2023-2024
Department Chair	Ayona Chatterjee
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Date Submitted	01 Octob3C Po 1684 695.6 > PROGRAM LEARNING

<i>PLO 1</i>	Apply biostatistical methodology to data to (a) produce descriptive statistics, probability models, and visual displays (b) select probability distributions to implement statistical inference (estimation and hypothesis testing), and (c) critique biostatistical models for uncertainty, likelihood, modeling and error analysis at the Master's level.
<i>PLO 2</i>	

**Instrument(s):**

We use specific assignments in the STAT 632 course, Linear and Logistic Regression to assess the Program Learning outcome.

**Sampling Procedure:** We sample by gathering data from all students who are enrolled in STAT 632.

**Sample Characteristics:** Since STAT 632 is a required course for the MS Biostatistics program, all students in their second semester take the course.

**Data Collection:** We use a project developed in STAT 632 – Linear and Logistic

2.	<i>Is it aligned to an ILO?</i>	No
3.	<i>If yes, list ILO.</i>	
4.	<i>Course name and number</i>	<u>BSTA 663 - Clinical Trials in the Pharmaceutical and Biomedical Industries</u>
5.	<i>SLO from course</i>	Derive basic theory and communicate to others results involving biostatistical data analysis;
6.	<i>Assessment activity</i>	Short projects including a written report
7.	<i>Assessment Instrument</i>	Rubric developed by the instructor
8.	<i>How data will be reported</i>	Quantitatively, proportions of students in each category from 1-5 (5 mastered)
9.	<i>Responsible person(s)</i>	BSTA 663 Instructor, Assessment Rep
10.	<i>Time (which semester(s))</i>	Spring 2023
11.	<i>Ways of closing the loop</i>	Included in end-of year report and internal assessment