Department of Statistics and Biostatistics, CSCI

ASSESSMENT PLAN: MS Statistics

Date Updated: 4/25/2019

PROGRAM MISSION
CSUEB Missions, Commitments, and ILOs, 2012

PROGRAM LEARNING OUTCOMES (PLOs)	
Stu	o

7. Assessment Instrument	Departmental Rubric for written communication
8. How data will be reported	Quantitatively, proportions of students in each category from 1-5 (5 mastered)
9. Responsible person(s)	STAT 632 Instructor, Assessment Rep
10. Time (which semester(s))	Spring 2019
11. Ways of closing the loop	Included in end-of year report and internal assessment
Year 2: 2019-2020	
1. Which PLO(s) to assess	PLO 6
2. Is it aligned to an ILO?	No
3. If yes, list ILO.	
4. Course name and number	STAT 692 – Comprehensive Exam
5. SLO from course	and theory, concepts, and terminology at a level that supports lifelong learning of related methodologies.
6. Assessment activity	Written Comprehensive Exam
7. Assessment Instrument	Grades from exam
8. How data will be reported	Quantitative, proportions of students in each category from 1-5 (5 mastered)
9. Responsible person(s)	STAT 692 instructor, Assessment Rep
10. Time (which semester(s))	Fall and Spring
11. Ways of closing the loop	Included in end-of year report and internal assessment of PLOs.
Year 3: 2020-2021	
1. Which PLO(s) to assess	PLO 1
2. Is it aligned to an ILO?	Yes
3. If yes, list ILO.	Quantitative Reasoning
4. Course name and number	STAT 692 – Comprehensive Exam
5. SLO from course	statistical methodologies, including a) descriptive statistics and graphical displays, b) probability models for uncertainty, stochastic processes, and distribution theory, c) hypothesis testing and confidence intervals, d) ANOVA and regression models

Year 4: 2021-2022	
1. Which PLO(s) to assess	PLO 2 & PLO 3 & 4
2. Is it aligned to an ILO?	No
3. If yes, list ILO.	
4. Course name and number	ST.