STATISTICS (BS)

Statistics

Suggested Four-Year Flowcharts are planning guides and do not represent a required course sequence. Courses may be completed in a different order, provided requisite requirements are satisfied.

First Year		
Term 1		**Units**
DATA/STAT 1000	Statistical and Data Literacy (2) [1]	3
STAT 1510	Statistics I	3
MATH/DATA 1264	Calculus for Data Science I	4
General Education Requirement (1A)		3
General Education Requirement (1C)		3
	Units	**16**
Term 2		
DATA/STAT 1810	Introduction to Statistical Computing with R	3
STAT 3520	Statistics II	3
MATH/DATA 1265	Calculus for Data Science II	4
General Education Requirement (1B)		3
General Education Requirement		3
General Education Requirement		1
	Units	**17**
Second Year		
Term 1		
STAT 3540	Statistical Methods for Study Design and Analysis	4
DATA/STAT 3820	Intermediate Statistical Computing with R	3
MATH 1151	Linear Algebra	3
General Education Requirement		3
General Education Requirement		3
	Units	**16**
Term 2		
STAT 2610	Introduction to Probability and Simulation	3
STAT 3530	Applied Linear Models	4
CSC 1001 & 1001L	Fundamentals of Computer Science and Fundamentals of Computer Science Laboratory	4
General Education Requirement		3
General Education Requirement		3
	Units	**17**
Third Year		
Term 1		
DATA/STAT 3800 or DATA 3301	Introduction to Statistical Computing with SAS and SQL or Introduction to Data Science	3-4
STAT 4610	Probability Theory	3
STAT Electives List A		3
General Education Requirement		3
General Education Requirement		3
	Units	**15**
Term 2		
STAT 4366	Statistical Communication, Collaboration, and Consulting	5
STAT 4620	Statistical Theory	3
STAT Elective List B		3
General Education Requirement		3
	Units	**14**
Fourth Year		
Term 1		
STAT 4460	Senior Project: Statistics Capstone	2
STAT Elective List A		3
STAT Elective List A		3
General Education Requirement		3
Free Elective [2]		1-2
	Units	**13**

Term 2		
STAT Elective List B		3
STAT Elective List B		3
General Education Requirement		3
Free Elective [2]		3
	Units	**12**
	Total Units	**120**

1 Required in Major or Support: also satisfies General Education (GE) requirement.

2 If a General Education (GE) course is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.