

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		Units
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		Units
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		Units
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		Units
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		Units
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		Units
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.