



The Bachelor of Science (B.S.)¹ in Statistics and Data Science For Catalog Year 2021

(for the B.A. plan, see the back of this page)

THIS IS A SAMPLE PROGRAM. EACH STUDENT SHOULD CONSULT A DEPARTMENT ADVISOR TO PREPARE A PROGRAM THAT FITS THEIR INDIVIDUAL BACKGROUND AND ACADEMIC NEEDS.

	<u>Fall Semester</u>		<u>Spring Semester</u>
Freshman Year			
MATH 122A & B or 125	5/3	MATH 129	3
ENGL 101 or 107 or 109H	3	ENGL 102 or 108	3
Tier I INDV (150)	3	Second Language	4
Second Language	4	CSC 110 or ISTA 130	4
DATA 195M ²	1	Tier I TRAD (160)	3
Total	16/14	Total	17
Sophomore Year			
MATH 223	4	DATA 363	3
MATH 313	3	Tier I INDV (150)	3
Lab Science ³	4	Lab Science ³	4
Tier I TRAD (160)	3	Tier II Indiv	3
Tier II Arts	3		
Total	17	Total	13
Junior Year			
DATA 375	3	Stat major elective ⁴	3
MATH 464	3	MATH 466	3
Minor Course [†]	3	Minor Courses [†]	6
Tier II Humanities	3	Elective Course	3
Elective Course	3		
Total	15	Total	15
Senior Year			
DATA 467	3	DATA 498A	3
Minor Courses [†]	6	Minor Course [†]	3
Elective Courses	6	Elective Courses	6/8
Total	15	Total	12/14

This degree program requires at least 120 total units, including 42 upper division units (300-400 level)

¹Application Courses Requirement: For the B.S. degree, students must complete at least 6 units of course work outside the Mathematics Department that require calculus or statistics as a corequisite or prerequisite. See the current official catalog requirements for a list of available courses.

² DATA 195M is an optional one-unit colloquium for new majors. Other programs, including Honors, ASEMS, and more, may require 1 unit colloquia in certain semesters.

³ The BS degree in Statistics is science-intensive. One of the following sequences of lab science courses is required: CHEM 141/143 & 142/144; CHEM 151 & 152; CHEM 161/163 & 162/164; MCB 181R/181L & ECOL 182R/182L; PHYS (141 or 161H) & (142 or 241 or 162H or 261H); GEOS 251 & (302 or 304 or 308 or 322); PSIO 201 & 202.

⁴ For major elective course options, see the major handbook, website, or an academic advisor.

[†] To declare your minor, contact an advisor from the appropriate department.

NOTES: Second-semester proficiency in a second language is required for the BS degree. One Tier I or Tier II course may fulfill the Diversity requirement. See advisor if you have questions regarding the Mid-Career Writing Assessment requirement.



The Bachelor of Arts (B.A.) in Statistics and Data Science For Catalog Year 2021

(for the B.S. plan, see the back of this page)

THIS IS A SAMPLE PROGRAM. EACH STUDENT SHOULD CONSULT A DEPARTMENT ADVISOR TO PREPARE A PROGRAM THAT FITS THEIR INDIVIDUAL BACKGROUND AND ACADEMIC NEEDS.

<u>Fall Semester</u>		<u>Spring Semester</u>	
Freshman Year			
MATH 122A & B or 125	5/3	MATH 129	3
ENGL 101 or 107 or 109H	3	ENGL 102 or 108	3
Tier I INDV (150)	3	CSC 110 or ISTA 130	4
Second Language	4	Tier I INDV (150)	3
DATA 195M ¹	1	Second Language	4
Total	16/14	Total	17
Sophomore Year			
MATH 223	4	DATA 363	3
MATH 313	3	Tier I TRAD (160)	4
Tier I NATS (170)	3	Tier I NATS (170)	3
Tier I TRAD (160)	3	Second Language	4
Second Language	4		
Total	17	Total	14
Junior Year			
DATA 375	3	Stat major elective ²	3
MATH 464	3	MATH 466	3
Minor Course [†]	3	Minor Course [†]	3
Tier II Humanities	3	Tier II Natural Science	3
Elective Course	3	Elective Course	3
Total	15	Total	15
Senior Year			
DATA 467	3	DATA 498A	3
Tier II Indiv	3	Minor Courses [†]	6
Tier II Arts	3	Elective Course	2/4
Minor Courses [†]	6		
Total	15	Total	11/13

This degree program requires at least 120 total units, including 42 upper-division units (300-400 level)

¹ DATA 195M is an optional one-unit colloquium for new majors. Other programs, including Honors, ASEMS, and more, may require 1 unit colloquia in certain semesters.

² For major elective course options, see the major handbook, website, or an academic advisor.

[†] To declare your minor, contact an advisor from the appropriate department.

NOTES: Fourth-semester proficiency in a second language is required for the BA degree.

One Tier I or Tier II course may fulfill the Diversity requirement.

See an academic advisor if you have questions regarding the Mid-Career Writing Assessment requirement.