

Statistics B.S. 4-Year Pathway 2023-2024

Fall Freshman Courses (16 units total)	Course or GE Title	Units	GE/Major
FYS 143,145, 146, 147, or 148	Any first year Seminar with C2	3	FYS+ C2
MATH 150*	Calculus I	4	B4, major
HCOM 120 or 125, SBS 110, or (CAD 102 +CAD 90)	Reading and Writing course	3	A2
CST 274 or HCOM 251 or 265 or SBS 111	Missing GE depending on FYS taken	3	US1, DGSS
HDFS 200, KIN 161, KIN 263, PSY 210	Area E Lifelong Lrng &Self-Devel	3	E
Spring Freshman Courses (15 units total)	Course or GE Title	Units	GE/Major
MATH 151	Calculus 2	4	Major
MATH 170	Discrete Mathematics	4	Major
HCOM 110	Fundamentals of Speaking & Listening	3	A1
ENVS 201 or BIO 106	Life Science with lab	4	B2 & B3
Fall Sophomore Courses (14 units total)	Course or GE Title	Units	GE/Major
Any C1 GE course	Arts General Education course	3	C1
MATH 265 (fall only)	Differential Equations & Linear Algebra	4	Major
HCOM200, HCOM202, BIO131 or ENSTU131	Critical Thinking GE	3	A3
SL210S, ED212S, GS280S, HCOM260S, SBS212S	Civics/Service Learning GE course	3	DCSL, US2&3
Spring Sophomore Courses (16 units total)	Course or GE Title	Units	GE/Major
CST 231 or CST 319	Problem-Solving & Programming	4	Major
MATH 250 (typically spring)	Multivariate Calculus	4	Major
GE area C1 or C2 course	Additional C1 or C2 Arts or Humanities	3	C1 or C2
HCOM 220, 224, 229, 243, 246, or 247, or SBS 249 or SPAN 260	GE area F (ethnic Studies)	3	F
Physical Science (B1) GE	Any GE area B1 course	3	B1
Fall Junior Courses (16 units total)	Course or GE Title	Units	GE/Major
MATH 300	Major Proseminar	4	GWAR, Major
MATH 320	Applied Probability & Statistics	4	Major
STAT 310 or 330 (even) or 335 (odd) or 440	STAT elective #1	4	Stat elect #1
STAT 310 or any UDB	Data Visualization or any UDB	3	UDB
Elective or STAT 210	Statistical Computing with R	1	Major
Spring Junior Courses (13 units total)	Course or GE Title	Units	GE/Major
MATH 362S (Spring only)	Svc Lrn for Math/Stat Consultants	5	UDSL, conc
STAT 410 (spring only)	General Linearized Models	4	Major
STAT 320 (even) or STAT 325 (odd)	STAT elective #2	4	Major
Fall Senior Courses (15 units total)	Course or GE Title	Units	GE/Major
STAT 420 (fall only)	Statistical Theory I	4	Major
STAT 310,330,335,440 MATH 322,374,375, 420	Math/Stat Elective #1 not taken previously	4	Math/Stat Elec #1
Free elective	Elective	4	Elective
SPAN 340 or 350 or JAPN 340 or 350	UDC with World Culture & languages	3	UDC, WCL
Spring Senior (15 units total)	Course or GE Title	Units	GE/Major
MATH 400	Capstone Seminar	4	Major
STAT 421 (spring only)	Statistical Theory II	4	Concentration
Any upper-division GE area D	Integrated Social Sciences UDD	3	UDD
STAT 320,325,335,440, or MATH 322, 330, ,374,375,420	MATH/STAT Elective #2 not taken previously	4	Math/Stat Elec #2
Statistics 4-Year Pathway		120	

*Students must complete an online placement to enroll in MATH 150. Contact the MATH advisor for information about the Calculus placement.