

Statistics and Data Science, BS-PreCalculus

4-Year Pathway 2026/27 Catalog

Fall Freshman Courses	Course or GE Title	Units	GE/Major
MATH 130	Precalculus	5	Area 2, major
Any Approved	Any First Year Seminar with GE	3	e.g FYS + Area 3B
Any Approved	English Composition GE	3	Area 1A
Any Approved	Biological Science (with Lab) GE	4	Area 5B & 5C
	Total	15	
Spring Freshman Courses	Course or GE Title	Units	GE/Major
MATH 150	Calculus I	4	Area 2, major
MATH 170	Discrete Mathematics	4	Major
Any Approved	Oral Communication GE	3	Area 1C
Any Approved	Civics/Service Learning GE	3	Area 4B, US2&3
	Total	14	
Fall Sophomore Courses	Course or GE Title	Units	GE/Major
MATH 151	Calculus 2	4	Major
MATH 230 (fall only) or MATH 265 (fall only)	Elementary Linear Algebra	3	Major
MATH 320 (fall only)	Applied Probability & Statistics	4	Major
CST 231 or CST 319 (fall only)	Option for Computing Course	4	Major
	Total	15	
Spring Sophomore Courses	Course or GE Title	Units	GE/Major
STAT 210 (spring only)	Statistical Computing with R	1	Major
MATH 250 (spring only)	Multivariate Calculus	4	Major
Any Approved	Critical Thinking GE	3	Area 1B
Any Approved	Arts GE	3	Area 3A
Any Approved	Physical Science GE	3	Area 5A
	Total	14	
Fall Junior Courses	Course or GE Title	Units	GE/Major
MATH 300 (fall only)	Major Proseminar	3	GWAR, Major
STAT 310 (fall only)	Data Visualization (GE)	3	Area 2 UDGE
STAT 330 (even years), 335 (odd years), or other option	STAT elective #1	4	Major
Any Approved	Ethnic Studies GE	3	Areas 6
Any Approved	US History GE	3	Area 4A, US1
	Total	16	
Spring Junior Courses	Course or GE Title	Units	GE/Major
MATH 362S (spring only)	Svc Lrn for Math/Stat Consultants	4	UDSL, Major
STAT 410 (spring only)	General Linearized Models	4	Major
STAT 320 (even years) or 325 (odd years), or other option	STAT elective #2	4	Major
Any Approved	UD Area 4 Social and Behavioral Sciences GE	3	Area 4 UDGE

	Total	15	
Fall Senior Courses	Course or GE Title	Units	GE/Major
STAT 420 (fall only)	Statistical Theory I	4	Major
STAT 211,330,335,440 MATH 322,374,375,420,494 or Approved Minor Course	Specialization Course #1 not taken previously	4	Major
Any Approved	UD Area 3 with World Culture & Languages (GE)	3	Area 3 UDGE WCL

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

***Students who start in Precalculus will replace elective units with MATH 130: Precalculus (5 units)**

Approved Minors

Mathematics Minor (recommended courses included on Specialization list)

Computer Science Minor (recommend CST 238, 383, and 463)