Mathematics, BS- w/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	Ethnic Studies GE	3	Areas 6
Any Approved	Arts GE	3	Area 3A
	Total	17	
Spring Freshman Courses	**Course or GE Title**	**Units**	**GE/Major**
MATH 150	Calculus I	4	Area 2, major
CST 231	Option for Computing Course	4	Major
Any Approved	Oral Communication GE	3	Area 1C
Any Approved	Biological Science (with Lab) GE	4	Area 5B & 5C
	Total	15	
Fall Sophomore Courses	**Course or GE Title**	**Units**	**GE/Major**
MATH 230 (fall only)	Elementary Linear Algebra	3	Major
MATH 320 (fall only)	Applied Probability & Statistics	4	Major
MATH 151	Calculus 2	4	Major
Any Approved	Civics/Service Learning GE	3	Area 4B, US2&3
	Total	14	
Spring Sophomore Courses	**Course or GE Title**	**Units**	**GE/Major**
Math 240 (spring only)	Elementary Differential Equations	3	Major
MATH 250 (spring only)	Multivariate Calculus	4	Major
Any Approved	Critical Thinking GE	3	Area 1B
Any Approved	US History GE	3	Area 4A, US1
Any Approved	Physical Science GE	3	Area 5A
	Total	16	
Fall Junior Courses	**Course or GE Title**	**Units**	**GE/Major**
MATH 300 (fall only)	Major Proseminar	3	GWAR, Major
MATH 322	Foundations of Modern Math	4	Major
MATH 374 (fall only)	Mathematical Modeling: MATH elective #1**	4	Major
MATH 361S (fall only)	Svc Learning: Math Tutors	4	UDSL, Major
	Total	15	
Spring Junior Courses	**Course or GE Title**	**Units**	**GE/Major**
MATH 420 (spring only)	Mathematical Analysis I	4	Major
MATH 330 (Spring only)	Advanced Linear Algebra	4	Major
Any Approved	UD Area 4 Social and Behavioral Sciences	3	Area 4 UDGE

	GE	3	
Elective or Minor Course		3	
	Total	14	
Fall Senior Courses	**Course or GE Title**	**Units**	**GE/Major**
MATH 326	History of Math: MATH elective #2**	4	Major
STAT 310 (fall only)	Data Visualization	3	Area 2 UDGE
Any Approved	UD C with World Culture & Languages GE	3	Area 3 UDGE WCL
MATH 410 (fall only)	Modern Algebra I	4	Major
	Total	14	
Spring Senior Courses	**Course or GE Title**	**Units**	**GE/Major**
MATH 400	Mathematics Capstone Seminar	4	Major
MATH 325 (spring only)	Number Theory: Math Elective #3**	4	Major
MATH 411 (spring only)	Modern Algebra II	4	Major
Elective or Minor Course		3	
	Total	15	
	Math 4-Year Pathway	**120**	