Mathematics, BS- Pure and Applied Mathematics

2-Year Pathway 2026/27 Catalog

Assumes completion of
MATH 150, MATH 151, MATH 250, MATH 230/MATH 240 or MATH 265, and CST 231/CST319
as a part of the AD-T for Mathematics.

Fall Junior Courses	Course or GE Title	Units	GE/Major
MATH 300 (fall only)	Major Proseminar	3	GWAR, Major
MATH 322 (fall only)	Foundations of Modern Math	4	Major
Any Approved	UD Area 3 with World Culture & Languages GE if needed	3	Area 3 UDGE WCL
Any Approved	UD Area 4 Social and Behavioral Sciences GE	3	Area 4 UDGE US 1/2/3 if needed
Any missing lower-division major requirement or Free Elective or Minor Requirement	LD major req not completed previously (e.g. CST 319) or complete a Minor Course	3	Major/Minor/ Elective
	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
MATH 420 (spring only)	Mathematical Analysis I	4	Major
MATH 330 (Spring only)	Advanced Linear Algebra	4	Major
Math 329 (Spring Only)	College Geometry Elective #1**	4	Major
	Total	16	
Fall Senior Courses	**Course or GE Title**	**Units**	**GE/Major**
STAT 310 (fall only)	Data Visualization (GE)	3	Area 2 UDGE, Major
Math 320 (fall only)	Applied Probability & Statistics	4	Major
MATH 410 (fall only)	Modern Algebra I	4	Major
Math 374	Elective # 2: Math Modeling**	4	Major
	Total	15	
Spring Senior Courses	**Course or GE Title**	**Units**	**GE/Major**
Math 400	Capstone	4	Major
MATH 325 (spring only)	Number Theory: Math Elective #3**	4	Major
MATH 411 (spring only)	Modern Algebra II	4	Major
	Total	12	
	SDS 2-Year Pathway	**59**	