

## Mathematics B.S. (no concentration) Transfer Pathway 2022-2023

This pathway assumes that students have completed 60 units including Calculus I & II, Multivariate Calculus, Discrete Math, Differential Equations/Linear Algebra, and Computer Programming, as well as all CSU lower-division GE and American Institutions requirements.

Fall Junior Courses (17 units total)		Course or GE Title	Units	GE/Major
MATH 300		Major Proseminar	4	GWAR, Major
MATH 320		Applied Probability & Statistics	4	Major
MATH 322		Foundations of Modern Math	4	Major
MATH 361S** (fall) or MATH/STAT* elective #1		Mathematics Tutors or Major elective	5	Conc (UDSL)
Spring Junior Courses (15 units total)		Course or GE Title	Units	GE/Major
MATH 330 (spring only)		Advanced Linear Algebra	4	Major
MATH 362S** (Spring) or MATH/STAT* elective #1		Math Consultants or Major elective	5	Conc (UDSL)
MATH/STAT elective #2		See catalog for course list	4	Concentration
SPAN 340 or 350 or JAPN 340 or 350		UD C with World Culture & languages	3	UDC, WCL
Fall Senior Courses (15 units total)		Course or GE Title	Units	GE/Major
MATH 410 (fall only)		Modern Algebra I	4	Major
MATH 420 (fall only)		Mathematical Analysis	4	Major
MATH/STAT elective #3		See catalog for course list	4	Concentration
STAT 310 or any UDB		Data Visualization	3	UDB
Spring Senior (13 units total)		Course or GE Title	Units	GE/Major
MATH 400		Capstone Seminar	4	Major
MATH 411 or 421		Modern Algebra II or Math Analysis II	4	Concentration
HCOM 343 353 <sup>#</sup> , 369 <sup>#</sup> , 391, or SBS 304, 320, 322, 350 <sup>#</sup> , 364		UD Social Science <sup>#</sup> course also covers US History	3	UDD
Free elective		Free elective	2	Elective
<b>MATH (No concentration) Transfer:</b>			<b>60</b>	

\*Must complete either MATH 411 or MATH 421

\*\*Must complete either MATH 361s or MATH 362S

### Students with catalog rights to GE catlo