

Mathematics Subject Matter Preparation Transfer Pathway

This pathway assumes that students have completed an AS-T in Mathematics or 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 only)	Mathematics Tutors	5	UDSL, conc
Spring Junior Courses (15 units total)	Course or GE Title	Units	GE/Major
MATH 330 (spring only)	Advanced Linear Algebra	4	Major
MATH 325 or 326 or 329	Number Theory, History of Math, or College Geometry	4	Concentration
MATH or STAT UD elective	MATH or STAT elective- see catalog	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 325 or 326 or 329	Number Theory, History of Math, or College Geometry	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 325 or 326 or 329	Number Theory, History of Math, or College Geometry	4	Concentration
HCOM 343 353,369,393, HDFS 320,321; LS 310,362; PH417; or SBS 304,320,364	UD Social Science with Ethnic Studies	3	UDD, ES
Free electives	Free electives	2	Electives
MATH Subject Matter Preparation		60	