

Mathematics B.S. (no concentration) Transfer Pathway

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 | 4 | Conc (UDSL) |
| MATH/STAT elective #2 | See catalog for course list | 4 | Concentration |
| STAT 310 or any UDB | Data Visualization | 3 | UDB |
| 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 |
| SPAN 340 or 350 or JAPN 340 or 350 | UD C with World Culture & languages | 3 | UDC, WCL |
| 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 343 353,369,393, HDFS 320,321; LS 310,362; PH417; or SBS 304,320,364 | UD Social Science with Ethnic Studies | 3 | UDD, ES |
| Free elective | Free elective2 | 2 | Elective |
| MATH (No concentration) Transfer: | | 60 | |