B.S.¹ (Math or SDS)/M.S. (Statistics)  

CORE COURSES - UNDERGRADUATE (MATH MAJOR)  
_____ MATH 122A & B or 125  _____ MATH 223  _____ MATH 323  
_____ MATH 129  _____ MATH 313  _____ MATH 355  

CORE COURSES – UNDERGRADUATE (SDS MAJOR)  
_____ MATH 122A & B or 125  _____ MATH 223  _____ DATA 363  
_____ MATH 129  _____ MATH 313  _____ DATA 375  

CORE COURSES – GRADUATE  
_____ STAT/MATH 564  _____ STAT/MATH 571A  _____ STAT/ABE/BIOS 688²  
_____ STAT/MATH 566  _____ STAT/MATH 571B  

SUPPORTING PROGRAMMING COURSE: _____ CSC 110 or ISTA 130³  

ADDITIONAL COURSEWORK – UNDERGRADUATE  
In addition to the undergraduate core courses listed above, Math majors are required to select and complete either the Applied or the Probability/Statistics emphasis for the B.A. degree. For either the Math major or the SDS major, the STAT/MATH 564 and STAT/MATH 566 graduate core courses will substitute for the MATH 464 and MATH 466 sequence. The courses listed below complete the selected emphasis/major. The Probability/Statistics emphasis is the most appropriate for students who intend to complete a Ph.D. in Statistics; students who do not plan to pursue graduate studies in Statistics beyond the accelerated M.S. degree may select the Applied emphasis of the Math major OR the SDS major. 
B.S. students are still required to complete 6 units of application course work, and must also complete a minor outside the Math Department. Students must earn a minimum of 108 total units of undergraduate credit (30 upper-division undergraduate units); 12 units of graduate credit taken during the Senior year will supplement to reach the 120 total units and 42 upper-division units required for the B.S.  

Applied emphasis  
_____ MATH 422  
_____ MATH 485  
_____ MATH 413  

Probability/Statistics emphasis  
_____ MATH 425A  
_____ MATH 413  
_____ MATH 425B or 468  

SDS Major  
_____ DATA 467  
_____ DATA 469  
_____ DATA elective  

ADDITIONAL COURSEWORK – GRADUATE  
For the M.S. degree, students must complete at least 30 units of graduate-level coursework (graded C or better), including: 15 units of core courses listed above, at least 12 units selected from the list of approved elective courses, and at least 3 units of advanced statistical coursework OR completion of an MS thesis. 

Consult the Statistics GIDP website for a current list of available courses: 
https://stat.arizona.edu/coursework-degree-ms  

¹See the official undergraduate BS requirements for detailed information regarding Gen Eds, Foundations, Lab Science, Application Courses, and Minor requirements.  
²A maximum of 3 units of Statistical Consulting (STAT/ABE/BIOS 688) may be applied towards the Core M.S. course requirements.  
³See the complete math major requirements for alternative programming courses. The SDS major requires a Python course.  
⁴At least six units of course work applying calculus or higher-level math/stats to a non-mathematical/statistical field must be completed for the B.S. For a list of approved application courses, see the major-specific B.S. requirements in the catalog.