B.A.¹ (Math or SDS)/M.S. (Statistics)                                      Catalog: 2019
Name: ___________________________________________            Student ID: __________

**CORE COURSES – UNDERGRADUATE (MATH MAJOR)**

_____ MATH 122A & B or 125  
_____ MATH 129  
_____ MATH 129  
_____ MATH 223  
_____ MATH 313  
_____ MATH 323  
_____ MATH 355  

**CORE COURSES – UNDERGRADUATE (SDS MAJOR)**

_____ MATH 122A & B or 125  
_____ MATH 129  
_____ MATH 223  
_____ DATA 363  
_____ MATH 313  
_____ DATA 375  

**CORE COURSES – GRADUATE**

_____ STAT/MATH 564  
_____ STAT/MATH 566  
_____ STAT/MATH 571A  
_____ STAT/MATH 571B  
_____ STAT/ABE/BIOS 688 ²

**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.A. students are still required to 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.A.

**Applied emphasis**

_____ MATH 422  
_____ MATH 485  
_____ MATH 413

**Prob/Stats 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](https://stat.arizona.edu/coursework-degree-ms)

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¹ See the official undergraduate BA requirements for detailed information regarding Gen Eds (including Natural Science), Foundations (including Language), 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.