B.A.¹ (Mathematics)/M.S. (Statistics)  

Name: __________________________________               Student ID: _____________________

Core Courses – Undergraduate

_____ CSC 127A or ISTA 130⁴  _____ MATH 122A & B or 125  _____ MATH 215

_____ MATH 129  _____ MATH 223  _____ MATH 323

_____ MATH 215  _____ MATH 355

Core Courses – Graduate

_____ STAT/MATH 564  _____ STAT/MATH 571A  _____ STAT/ABE/CPH 688²

_____ STAT/MATH 566  _____ STAT/MATH 571B

Additional Coursework – Undergraduate

In addition to the undergraduate core courses listed above, students are required to select and complete either the General/Applied or the Probability/Statistics option for the B.A. degree, where 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 option. The Probability/Statistics option 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 General/Applied option.

B.A. students are still required to complete a minor. 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.

General/Applied option

_____ MATH 422

_____ MATH 485

_____ MATH 413

Probability/Statistics option

_____ MATH 425A

_____ MATH 413

_____ MATH 425B or 468

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 3 units of advanced statistical coursework, and at least 12 units selected from the list of approved elective courses. Students must also pass a Qualifying Exam at the Master’s degree level.³

Advanced Statistical Coursework – Select from:

_____ CPH/EPID 648  _____ STAT/MATH 567A  _____ STAT/MATH/CPH 574E

_____ CPH/EPID 684  _____ STAT/MATH 567B  _____ STAT 574S

_____ CPH/EPID 686  _____ STAT/ECON 574B  _____ STAT/MATH 574T

_____ MATH/STAT 563  _____ STAT/SOC 574C  _____ STAT 675

_____ CPH/EPID/CPH 687


¹See 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/CPH 688) may be applied towards the Core M.S. course requirements.

³The exam is offered each May and January, and has two parts: theory (covering STAT 564 and 566) and methodology (covering STAT 571A and 571B).

⁴See the complete math major requirements for alternative programming courses.