

Name: _____

Student ID: _____

Core Courses – Undergraduate_____ CSC 127A or ISTA 130⁴

_____ MATH 122A & B or 125

_____ MATH 129

_____ MATH 313 (formerly 215)

_____ MATH 223

_____ MATH 323

_____ MATH 355

Core Courses – Graduate

_____ STAT/MATH 564

_____ STAT/MATH 566

_____ STAT/MATH 571A

_____ STAT/MATH 571B

_____ STAT/ABE/CPH 688²**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

_____ CPH/EPID 684

_____ CPH/EPID 686

_____ MATH/STAT 563

_____ STAT/MATH 567A

_____ STAT/MATH 567B

_____ STAT/ECON 574B

_____ STAT/SOC 574C

_____ STAT/MATH/CPH 574E

_____ STAT 574S

_____ STAT/MATH 574T

_____ STAT 675

_____ STAT/CPH/EPID 687

Approved Graduate Elective courses: Consult the current edition of the Graduate Student Handbook for an updated list of available courses: <http://stat.bio5.org/sites/default/files/GradHandbook2013.pdf>

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/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.

