

Name: _____

Student ID: _____

Core Courses – Undergraduate

| | | |
|---|----------------|----------------|
| _____ CSC 127A or ISTA 130 ⁵ | _____ MATH 129 | _____ MATH 223 |
| _____ MATH 122A & B or 125 | _____ MATH 215 | _____ MATH 323 |
| | | _____ MATH 355 |

Core Courses – Graduate

| | | |
|---------------------|----------------------|-------------------------------------|
| _____ STAT/MATH 564 | _____ STAT/MATH 571A | _____ STAT/ABE/CPH 688 ² |
| _____ 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.S. 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.S. students are still required to complete 6 units of application course work, and must also 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.S.

General/Applied option

_____ MATH 422
 _____ MATH 485
 _____ MATH 413

Probability/Statistics option

_____ MATH 425A
 _____ MATH 413
 _____ MATH 425B or 468

Application Courses³

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.⁴

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 |
| | | _____ 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 BS requirements for detailed information regarding Gen Eds, Foundations, Lab Science, Application Courses, and Minor requirements.

² A maximum of 3 units of Statistical Consulting (STAT/ABE/CPH 688) may be applied towards the Core M.S. course requirements.

³ At least six units of course work applying calculus or higher-level mathematics to a non-mathematical field must be completed for the B.S. For a list of approved application courses, see the math major B.S. requirements in the catalog.

⁴ The exam is offered each May and January, and has two parts: theory (covering STAT 564 and 566) and methodology (covering STAT 571A and 571B).

⁵ See the complete math major requirements for alternative programming courses.