**B.A.**¹ (Mathematics)/M.S. (Statistics)  
**Catalog: 2015**

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 331
- MATH 355

### Core Courses – Graduate

- STAT/MATH 564
- STAT/MATH 566
- STAT/MATH 571A
- 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
- CPH/EPID 684
- CPH/EPID 686
- MATH/STAT 563
- STAT/MATH 567A
- STAT/MATH 567B
- STAT/ECON 574B
- STAT/SOC 574C
- STAT/MATH/CPh/CPh 574E
- STAT/MATH 574S
- STAT/MATH 574T
- STAT 675
- STAT/CPH/EPID 687


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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.

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

³ 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).

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