

Name: _____

Student ID: _____

CORE COURSES - UNDERGRADUATE

_____ MATH 122A & B or 125
 _____ MATH 129

_____ MATH 223
 _____ MATH 313

_____ MATH 323
 _____ MATH 355

CORE COURSES – GRADUATE

_____ STAT/MATH 564
 _____ STAT/MATH 566

_____ STAT/MATH 571A
 _____ STAT/MATH 571B

_____ STAT/ABE/CPH 688²

SUPPORTING PROGRAMMING COURSE: _____ CSC 110 or ISTA 130³

ADDITIONAL COURSEWORK – UNDERGRADUATE

In addition to the undergraduate core courses listed above, students are required to select and complete either the Applied or the Probability/Statistics emphasis 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 emphasis. 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.

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.

Applied emphasis

_____ MATH 422
 _____ MATH 485
 _____ MATH 413

Probability/Statistics emphasis

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

Application Courses⁴

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.⁵

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.arizona.edu/graduate-program> (see resources list)

¹See the official undergraduate BS requirements for detailed information regarding Gen Eds, Foundations, Lab Science, Application Courses, 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.

³See the complete math major requirements for alternative programming courses.

⁴At 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.

⁵The exam is offered each May and January, and has two parts: theory (covering STAT 564 and 566) and methodology (covering STAT 571A and 571B).

