Recommended Plan of Study for Statistics BS-MS.

**Emphasis track: Statistical Computing and Data Science.**

**Fall (1)**
- Calc I MATH:1850 4 s.h.
- Calc II MATH:1860 4 s.h.
- Lin Algebra MATH:2700 4 s.h.
- Stat Meth/Computing STAT:2010 3 s.h.
- Intro to Math/Stat I STAT:3100 3 s.h. (fall)
- Intro to Math/Stat II STAT:3101 3 s.h. (spring)
- CS:2210 3 s.h.
- CS:2230 3 s.h.
- STAT:5400 3 s.h.

**Spring (1)**
- Calc III MATH:2850 4 s.h.
- Comp Sci I CS:1210 4 s.h.
- Res Data Mgmt STAT:5810 3 s.h.
- Comp Sci II CS:2230 4 s.h.
- Discr Struct CS:2210 3 s.h.
- Health/Physcl Activity HPAS:XXX 1 s.h.

**Fall (2)**
- Alpha sem STAT:5090 1 s.h. (fall)
- Stat Inf I \(^1\) STAT:5100 3 s.h. (fall)
- Appl Stat I \(^1\) STAT:5200 4 s.h. (fall)
- Computing in Statistics \(^1\) STAT:5400 3 s.h. (fall)

**Spring (2)**
- Stat Inf II \(^1\) STAT:5101 3 s.h. (spring)
- Appl Stat II \(^1\) STAT:5201 3 s.h. (spring)
- Health/Physcl Activity HPAS:XXX 1 s.h.
- MS stat elective 3 s.h.

**Fall (3)**
- Health/Physcl Activity HPAS:XXX 1 s.h.
- One GE course 3 s.h.

**Spring (3)**
- Cum MS Cr: 12 Cum BS Cr: 120
- Cum MS Cr: 22
- Total Cr: 140

**Fall (4)**
- Alpha sem STAT:5090 1 s.h. (fall)
- Stat Inf I \(^1\) STAT:5100 3 s.h. (fall)
- Stat Inf II \(^1\) STAT:5101 3 s.h. (spring)
- Health/Physcl Activity HPAS:XXX 1 s.h.
- MS stat elective 3 s.h.

**Spring (4)**
- Cum MS Cr: 22
- Total Cr: 140

**Fall (5)**
- Health/Physcl Activity HPAS:XXX 1 s.h.
- MS stat elective 3 s.h.

**Spring (5)**
- Cum MS Cr: 32
- Total Cr: 140

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In the BS core requirements, STAT:5201 can be used in place of the undergraduate equivalent STAT:3210 taken in the 4th year. For the SCDS track, students take 5 courses (stat electives) beyond the 10 BS core courses to fulfill the BS requirements. Four of the five electives will be STAT:5810, CS:2210, and CS:2230, and STAT:5400. The 5th elective must be taken by the end of the 4th year (stat electives shown with a red box above).

No more than 12 s.h. can cross-count toward the BS and MS s.h., and these courses must be taken after applying to MS program (so, they usually occur in the 4th year of study).

Cross-counted courses in the diagram above are STAT:5100, STAT:5101, STAT:5400, and the 4th year MS stat elective.

\(^1\)These five courses are covered on the MS Final Examination taken during the summer between the 4th and 5th year.

Apply by Feb. 15 to be considered for assistantship in spring of 4th year.

**Receive BS in Statistics at end of 4th year.**

Apply to 3+2 MS program at 80 credits and gpa of 3.25