Recommended Plan of Study for Statistics BS-MS. Emphasis track: Statistical Computing and Data Science.
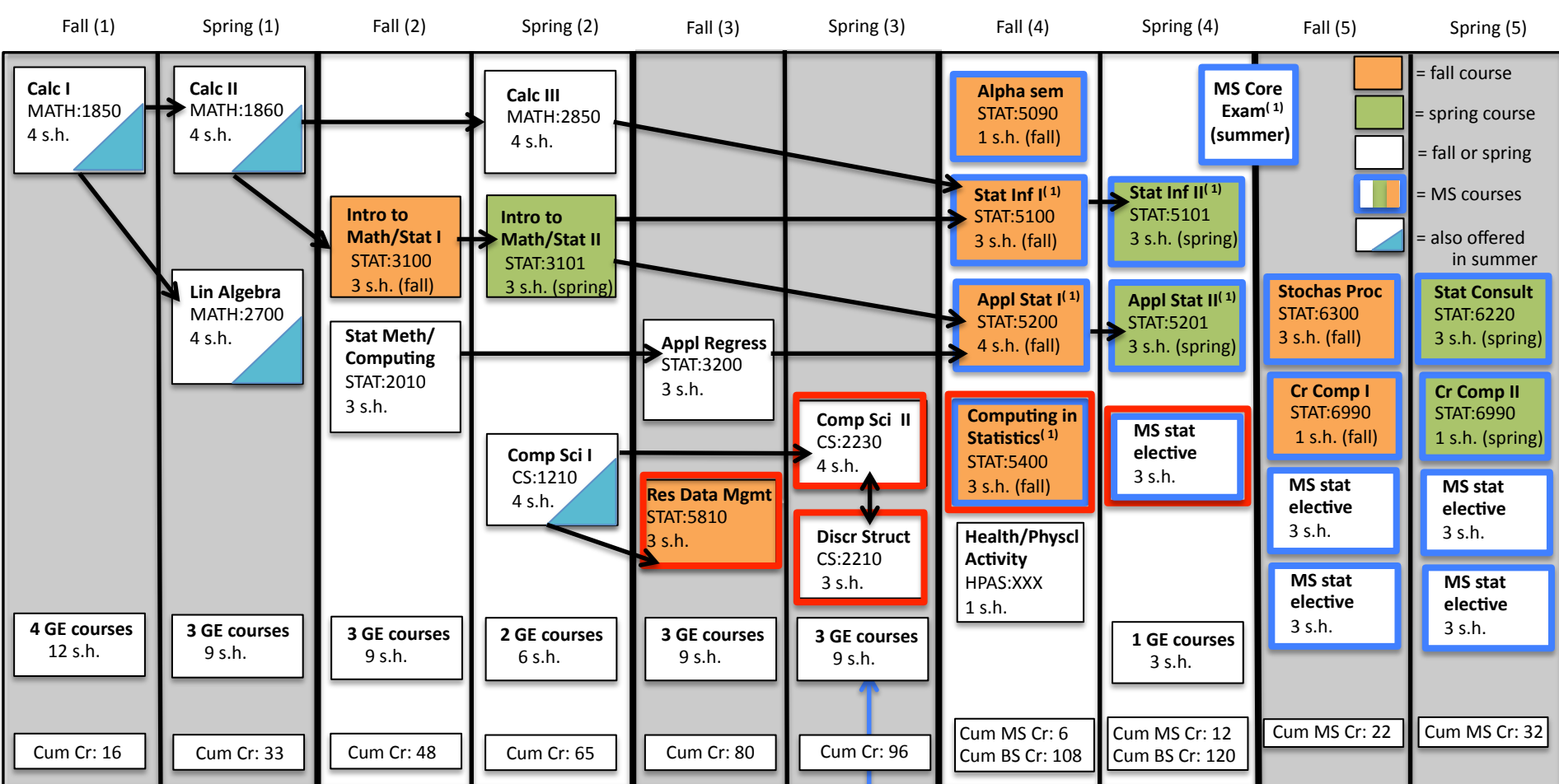
Fall (1)	Spring (1)	Fall (2)	Spring (2)	Fall (3)	Spring (3)	Fall (4)	Spring (4)	Fall (5)	Spring (5)

Legend:
- = fall course (orange)
- = spring course (green)
- = fall or spring (white)
- = MS courses (blue border)
- = also offered in summer (teal triangle)

Fall (1):
- Calc I — MATH:1850 — 4 s.h.
- 4 GE courses — 12 s.h.
- Cum Cr: 16

Spring (1):
- Calc II — MATH:1860 — 4 s.h.
- Lin Algebra — MATH:2700 — 4 s.h.
- 3 GE courses — 9 s.h.
- Cum Cr: 33

Fall (2):
- Intro to Math/Stat I — STAT:3100 — 3 s.h. (fall)
- Stat Meth/Computing — STAT:2010 — 3 s.h.
- 3 GE courses — 9 s.h.
- Cum Cr: 48

Spring (2):
- Calc III — MATH:2850 — 4 s.h.
- Intro to Math/Stat II — STAT:3101 — 3 s.h. (spring)
- Comp Sci I — CS:1210 — 4 s.h.
- 2 GE courses — 6 s.h.
- Cum Cr: 65

Fall (3):
- Appl Regress — STAT:3200 — 3 s.h.
- Comp Sci II — CS:2230 — 4 s.h.
- Res Data Mgmt — STAT:5810 — 3 s.h.
- Discr Struct — CS:2210 — 3 s.h.
- 3 GE courses — 9 s.h.
- Cum Cr: 80

Spring (3):
- 3 GE courses — 9 s.h.
- Cum Cr: 96

Fall (4):
- 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)
- Health/Physcl Activity — HPAS:XXX — 1 s.h.
- Cum MS Cr: 6 / Cum BS Cr: 108

Spring (4):
- MS Core Exam[1] (summer)
- Stat Inf II[1] — STAT:5101 — 3 s.h. (spring)
- Appl Stat II[1] — STAT:5201 — 3 s.h. (spring)
- MS stat elective — 3 s.h.
- 1 GE courses — 3 s.h.
- Cum MS Cr: 12 / Cum BS Cr: 120

Fall (5):
- Stochas Proc — STAT:6300 — 3 s.h. (fall)
- Cr Comp I — STAT:6990 — 1 s.h. (fall)
- MS stat elective — 3 s.h.
- MS stat elective — 3 s.h.
- Cum MS Cr: 22
- Total Cr: 130

Spring (5):
- Stat Consult — STAT:6220 — 3 s.h. (spring)
- Cr Comp II — STAT:6990 — 1 s.h. (spring)
- MS stat elective — 3 s.h.
- MS stat elective — 3 s.h.
- Cum MS Cr: 32
- Total Cr: 140

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 will 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.

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

Receive BS in Statistics at end of 4th year