

Biostatistics Emphasis

Requirements / Prerequisites

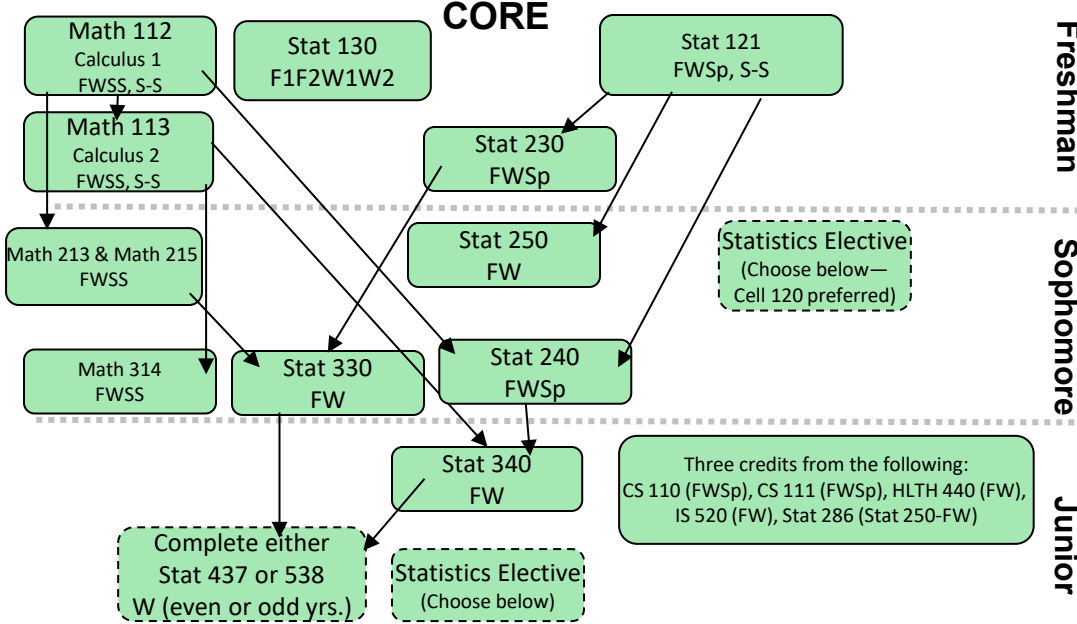
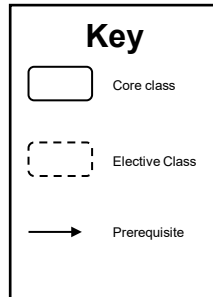
2025-2026 Academic Year

Major (55 Hours)

1. Complete Stats 121 and 130.
2. Complete the following courses: Stat 230, Stat 240, Stat 250, Stat 330, Stat 340, Stat 390
3. Complete the following courses: Math 112 and 113, 213, 215.
4. Complete 3 hours from the following: CS 110, CS 111, Hlth 440, IS 520, Stat 286.
5. Complete the following course: Math 314.
6. Complete 3 hours from the following: Stat 437 or Stat 538.
7. Complete 6 Elective hours from the following (Courses filling requirement 7 will not double count with requirement 6, 8, or 9): Bio 350, Cell 120, Cell 305, Chem 105, Chem 111, Hlth 345, Mmbio 240, PWS 340, Stat 437, Stat 538.
8. Complete 3 elective hours from the following (Courses filling requirement 8 will not double count with requirement 6, 7, or 9): Stat 234, Stat 251, Stat 274, Stat 281, Stat 286, Stat 348, Stat 381, Stat 386, Stat 395R, Stat 435, Stat 437, Stat 451, Stat 466, Stat 469, Stat 482, Stat 483, Stat 486, Stat 487, Stat 495R, Stat 496R, Stat 497R, Stat 531, Stat 538.
9. Complete 6 elective hours from the following (Courses filling requirement 9 will not double count with requirement 6, 7, or 8): Hlth 345, Math 341, Math 342, Stat 234, Stat 251, Stat 274, Stat 281, Stat 286, Stat 348, Stat 381, Stat 386, Stat 395R, Stat 435, Stat 437, Stat 451, Stat 466, Stat 469, Stat 482, Stat 483, Stat 486, Stat 487, Stat 495R, Stat 496R, Stat 497R, Stat 531, Stat 538.
10. *No more than 3 combined credit hours of Stat 496R, or Stat 497R may be counted toward this requirement.

Minor (18 Hours)

1. Complete one of the following: Stat 121, or Stat 201.
2. Complete one of the following: CS 110, CS 111, Stat 250.
3. Complete: Stat 230
4. Complete either Stat 220 or Stat 330.
5. Complete 6 hours from the following: Stat 234, Stat 240, Stat 250, Stat 251, Stat 281, Stat 286, Stat 340, Stat 348, Stat 381, Stat 386.



F=Fall, W=Winter, Sp=Spring, Su=Summer, S-S=Spring-Summer, SS=Spring & Summer.

Choose 3 Credit Hours of Electives Requirement 8

Choose any class from Requirement 9 except Hlth 345, Math 341, Math 342, Stat 395R, Stat 496R, Stat 497R

*Note: No more than 3 credit hours of Stat 496R or Stat 497R may be counted toward this major.

Choose 6 Credit Hours of Electives Requirement 9

Choose 6 Credit Hours of Electives Requirement 7

- Bio 350
Pre-req: Cell 120 or Bio 130 or MMBio 121
EW
- Cell 120
FWSp
- Cell 305
Pre-Req: Cell 210 or 220; Chem 101 or equiv.
FWSp
- Chem 105
Pre-Req: Math 110
FWSS
- Chem 111
Pre-Req: Math 110
F
- Hlth 345
Pre-Req: HLTH 313
W
- MMBIO 240
Pre-Req: Bio 130, Cell 120 or MmBIO 121
FWSp
- PWS 340
Pre-Req: MMBIO 240, Chem 481, or Chem 381,
FW
- Stat 437
Pre-Req: Stat 330 & Stat 340
W Even Years
- Stat 538
Pre-Req: Stat 330 & Stat 340
W Odd Years

Choose 3 Credit Hours of Electives Requirement 8

- Hlth 345
Pre-req: Hlth 313
W
- Math 341
Pre-Req: Math 113 & Math 290
FWSu
- Math 342
Pre-Req: Math 213 & Math 314, & Math 341
FW
- Stat 234
Pre-Req: Stat 121, or 201
F
- Stat 251
Pre-Req: Stat 240, Stat 250, Math 113
EW
- Stat 274
Pre-Req: Math 112
FW
- Stat 281
Pre-Req: Stat 121 or Stat 201
W
- Stat 286
Pre-Req: Stat 250
FW
- Stat 348
Pre-Req: Stat 240, Stat 330, & Stat 250
F
- Stat 381
Pre-Req: Stat 223, Stat 224, & Stat 330
Contact Department

Note: Courses only count once towards the major.

Choose 6 Credit Hours of Electives Requirement 9

- Stat 386
Pre-req: Stat 121 & CS 110 or 111
F
- Stat 395R
Contact Department
- Stat 435
Pre-Req: Stat 330 & Stat 340
Contact Department
- Stat 437
Pre-Req: Stat 330, & Stat 340, W even years
- Stat 451
Pre-Req: Stat 251 & 330, and 340
W
- Stat 466
Pre-Req: Stat 251, Stat 330, & Stat 340
F
- Stat 469
Pre-Req: Stat 330 & Stat 340
W
- Stat 482
Pre-Req: Stat 286, Stat 330, Stat 340
Contact Department
- Stat 483
Pre-Req: Stat 482
Contact Department
- Stat 486
Pre-Req: Stat 330 & 340 & 386
W

Senior Year Electives

- Stat 390
Pre-Req: Stat 330
FW
- Stat 487
Pre-Req: Stat 330 & 340 & 386
F
- Stat 495R
Pre-Req: None
Taught: Contact Dept.
- Stat 496R
Pre-Req: Dept.
Consent (up to 3 hours)
Taught: Contact Dept.
- Stat 497R
Pre-Req: Dept.
Consent (up to 3 hours)
Taught: Contact Dept.
- Stat 531
Pre-Req: Stat 330, 340 & Math 213
Contact Department
- Stat 538
Pre-Req: Stat 330 & Stat 340
W Odd Years