BYU Statistics: Biostatistics Emphasis

Requirements / Prerequisites

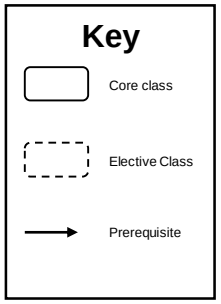
2026-2027 Academic Year

Major (55 Hours)

1. Complete Stats 121 and 130.
2. Complete the following courses: Stat 230, Stat 240, Stat 330, Stat 340, Stat 390, Stat 430.
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 381, Stat 386, Stat 435, Stat 437, Stat 448, Stat 451, Stat 466, Stat 469, Stat 482, Stat 483, Stat 486, Stat 487, Stat 495R, 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 381, Stat 386, Stat 395R, Stat 435, Stat 437, Stat 448, 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 (18-20 Hours)

1. Complete one of the following: Stat 121, or Stat 201.
2. Complete one of the following: Stat 230.
3. Complete: Math 112 and Stat 330 or CS 111 and Stat 220, or IS 303 and Stat 220.
4. Complete one of the following: Stat 234, Stat 240, Stat, 281, Stat 286, Stat 386, Stat 448..
5. Complete one course from the following: Bio 264, CS 270, Econ 388, Fin 400, Geog 322, GSCM 412, HLTH 313, IS 302, IS 315, IS 355, MKTG 411, MSB 325, PHSCS 383, POLI 300, PSYCH 308, PWS 274, Stat 234, Stat 240, Stat 250, Stat 251, Stat 281, Stat 286, Stat 340, Stat 381, Stat 386, Stat 448, Stat 486, Stat 487, STRAT 412.



CORE

Freshman

Math 112 Calculus 1 FWSS, S-S

Stat 130 F1F2W1W2

Stat 121 FWSp, S-S

Math 113 Calculus 2 FWSS, S-S

Stat 230 FWSp

Sophomore

Math 213 & Math 215 FWSS

Stat 330 FW

Statistics Elective (Choose below—Cell 120 preferred)

Stat 240 FWSp

Three credits from the following: CS 110 (FWSp), CS 111 (FWSp), HLTH 440 (FW), IS 520 (FW), Stat 286 (Stat 250-FW)

Math 314 FWSS

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

Junior

Stat 340 FW

Statistics Elective (Choose below)

Statistics Elective (Choose below)

Stat 390 Pre-Req: Stat 330 FW

Statistics Elective (Choose below)

Complete either Stat 437 (W) or 538 (F)

Stat 430 Pre-req: Stat 330 & Math 213 FW (only winter this year)

Statistics Elective (Choose below)

Senior

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 FW

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, or 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

Stat 538 Pre-Req: Stat 330 & Stat 340 F

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.

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 FW

Stat 274 Pre-Req: Math 112 FW

Stat 281 Pre-Req: Stat 121 or Stat 201 W

Stat 286 Pre-Req: Stat 230 FW

Stat 381 Pre-Req: Stat 223, Stat 224, & Stat 330 W

Stat 386 Pre-req: Stat 121 & CS 110 or 111 FW

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 448 Pre-Req: Stat 240, Stat 330, & Stat 250 W

Stat 451 Pre-Req: Stat 251 & 330, and 340 W

Stat 466 Pre-Req: Stat 251, Stat 330, & Stat 340 (not taught this year)

Stat 469 Pre-Req: Stat 330 & Stat 340 F

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 FW

Stat 487 Pre-Req: Stat 330 & 340 & 386 or CS 270 F (not this year)

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 F

Stat 538 Pre-Req: Stat 330 & Stat 340 F

Note: Courses only count once towards the major.

Guide only—please consult MyMAP for full requirements. Please note: When Taught is subject to change.

Updated 8/14/2026