BYU Statistics: Applied Statistics and Analytics Emphasis

Requirements / Prerequisites

2026-2027 Academic Year

Major (55 Hours)

1. Complete the following courses: Stat 121 and Stat 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, Math 113, Math 213, Math 215.
4. Complete 3 hours from the following: CS 110, CS 111, HLTH 440, IS 520, Stat 286.
5. Complete 6.0 Elective hours selected from the following. Stat 435, Stat 437, Stat 451, Stat 466, Stat 469, Stat 482, Stat 483, Stat 486, Stat 487, Stat 495R, Stat 531, Stat 538.
6. Complete 15.0 Elective hours from the following: IS 515, IS 520, Math 314, Stat 234, Stat 251, Stat 274, Stat 281, Stat 286, Stat 344, Stat 346, 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, 495R, Stat 496R*, Stat 497R*, Stat 531,Stat 538.

*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.

Key

- Core class
- Elective Class
- Prerequisite
- Take Concurrently

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

Note: Courses only count once towards the major.

CORE

Guide only—please consult MyMAP for full requirements.

Please Note: When Taught is subject to change.

Freshman

- Math 112 Calculus 1 FWSS, S-S
- Stat 121 FWSp, S-S
- Stat 130 F1F2W1W2
- Math 113 Calculus 2 FWSS, S-S
- Stat 230 FWSp

Sophomore

- Stat 250 FW (see advisor)
- Math 213 Pre-req: Math 112 FWSS
- Math 215 Additional Pre-Req: Math 112 FWSS
- Stat 240 FWSp
- Stat 330 FW

Junior

- Stat 340 FW
- Three credits from the following: CS 110 (FWSP), CS 111 (FWSp), HLTH 440 (FW), IS 520 (FW), Stat 286 (Stat 230-FW)
- Statistics Elective (Choose below)
- Stat 390 FW
- Statistics Elective (Choose below)

Senior

- Statistics Elective (Choose below)
- Statistics Elective (Choose below)
- Statistics Elective (Choose below)
- Statistics Elective (Choose below)
- Statistics Elective (Choose below)

Requirement 6: Select 15.0 credit hours from the following

Choose any course from requirement 5 or any course from Requirement 6

- IS 515 Pre-Req: IS 201 or equivalent FW
- Stat 251 Pre-Req: Stat 240, Stat 250, Math 113 FW
- Stat 344 Pre-req: Stat 240 & Stat 274 F
- Stat 448 Pre-req: Stat 240, 250, & Stat 330 W
- IS 520 Pre-Req: IS 201 or equivalent FW
- Stat 274 Pre-Req: Math 112 FW
- Stat 346 Pre-req: Stat 340 & Stat 274 F
- Stat 496R Pre-Req: Dept. Consent (up to 3 credits) When taught: Contact Dept.
- Math 314 Pre-Req: Math 113 FWSS
- Stat 281 Pre-Req: Stat 121 or 201 W
- Stat 381 Pre-Req: Stat 223, Stat 224, & Stat 330 W
- Stat 497R Pre-Req: Dept. Consent (Variable) When taught: Contact Dept.
- Stat 234 Pre-Req: Stat 121 or 201 F
- Stat 286 Pre-Req: Stat 230 FW
- Stat 386 Pre-req: Stat 121 & CS 111 FW
- Stat 395R FW

Requirement 5: Select 6.0 credit hours from the following:

- Stat 435 Pre-Req: Stat 330 & Stat 340 Contact Department
- Stat 437 Pre-Req: Stat 330 & Stat 340 W
- Stat 451 Pre-Req: Stat 251 & Stat 330 & Stat 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 When Taught: Contact Dept.
- Stat 531 Pre-Req: Stat 330 & Stat 340 & Math 213 F
- Stat 538 Pre-Req: Stat 330 & Stat 340 F

Updated 8/11/2026