BYU
Data Science

Requirements / Prerequisites
2026-2027 Academic Year

Major (74.5 Hours)

1. Complete the following four courses: CS 111, DS 115, DS 180, Math 112, Stat 121.
2. Complete Math 113, Math 213, Math 215.
3. Complete the following courses: Stat 230, Stat 240, Stat 251, Stat 330.
4. Complete the following courses: CS 235, CS 240, CS 452.
4. Complete the following courses: CS 270, CS 404, Math 380, PHSCS 383, Stat 281, Stat 386.
5. Complete 12 hours from the following: Bio 364, CS 462, CS 473, CS 474, CS 482, CS 483, CS 574, CS 575, CS 580, Econ 398, Econ 484, Econ 588, Geol 230, Geol 531, Math 404, Math 510, Math 522, PHSCS 580, Stat 250, Stat 340, Stat 448, Stat 486, Stat 496R.
6. Complete 3 hours from the following: CS 473, CS 474, CS 483, CS 497R, Math 399R, Math 404, Math 522, PHSCS 492R, PHSCS 497R, Stat 486, Stat 496R, Stat 497R.

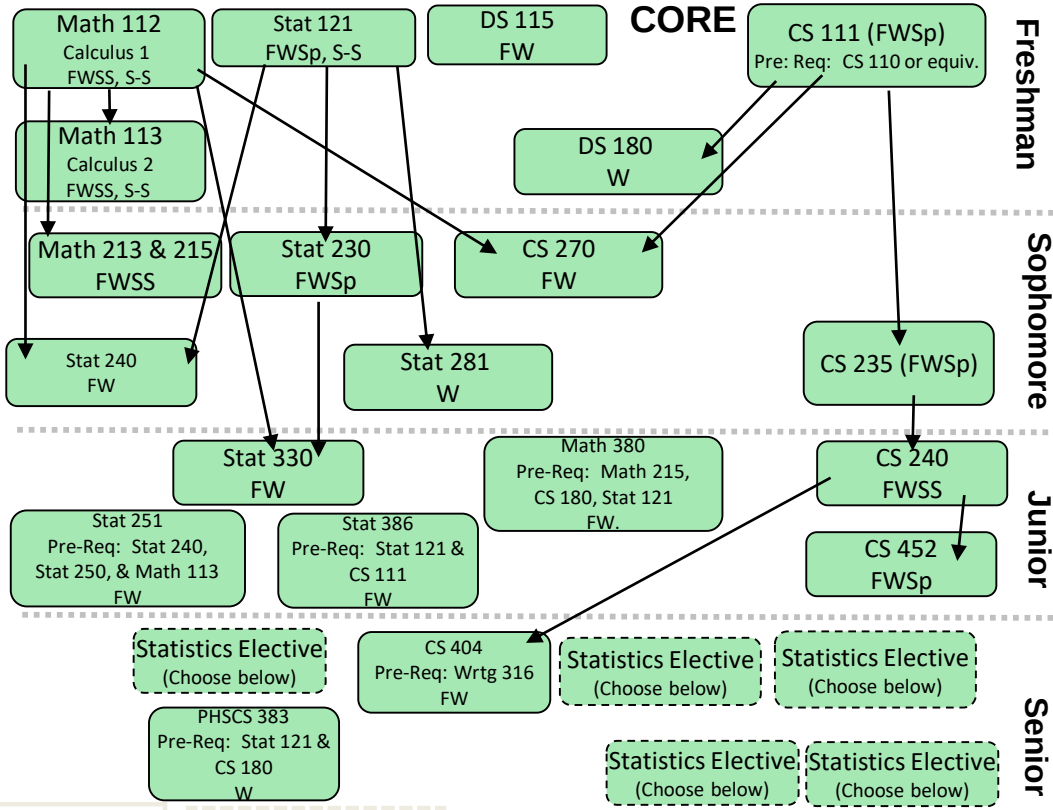
Key

- Core class
- Elective Class
- Prerequisite

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

Guide only—please consult MyMAP for full requirements.

Please Note: When Taught is subject to change.



Requirement 6
Select 12.0 credit hours from the following:

- Bio 364 — Pre-Req: CS 240 & MMBIO 240 — F
- CS 462 — Pre-Req: CS 324 — See Department
- CS 473 — Pre-Req: Math 213 & Math 215 & CS 270 — FW
- CS 474 — Pre-Req: CS 312 or Math 320 — FW
- CS 482 — Pre-Req: CS 240 & CS 312 — F
- CS 483 — Pre-Req: CS 482 — W
- CS 574 — Pre-Req: C S 312 — F
- CS 575 — Pre-Req: Math 213 — W
- CS 580 — Pre-Req: Math 213 & Math 215 — F
- Econ 398 — Pre-Req: Econ 388 — Contact Dept.
- Econ 484 — Pre-Req: Econ 388 & Econ 380 — Contact Dept.
- Econ 588 — Pre-Req: Econ 388 — Contact Dept.
- Geol 230 — Pre-Req: Geol 111 — F
- Geol 531 — Pre-Req: Stat 121 — F
- Math 404 — Pre-Req: Math 402 & Math 403 — FW
- Math 510 — Pre-Req: Math 410 — Contact Dept.
- Math 522 — Pre-Req: Math 213, Math 215, Math 314, CS 111 — Contact Dept.
- PHSCS 580 — Pre-Req: Math 213 & Math 215 — F
- Stat 250 — Pre-Req: Stat 121 — FW
- Stat 340 — Pre-Req: Stat 240 & Math 113 — FW
- Stat 448 — Pre-Req: Stat 240, Stat 330, & Stat 250 — F
- Stat 486 — Pre-Req: Stat 330 & 340 & 386 — FW
- Stat 496R — Pre-Req: Dept. Consent (up to 3 credits) — Contact Dept.

Requirement 7
Select 3.0 credit hours from the following:

- CS 473 — Pre-Req: Math 213 & Math 215 & 270 — FW
- CS 474 — Pre-Req: CS 312 or Math 320 — FW
- CS 483 — Pre-Req: CS 482 — W
- CS 497R — Pre-Req: Research Agreement — FWSS
- Math 399R — Pre-Req: Internship Application — Contact Department
- Math 404 — Pre-Req: Math 402 & Math 403 — FW
- Math 522 — Pre-Req: Math 213, Math 215, Math 314, CS 111 — Contact Dept.
- PHSCS 492R — Pre-Req: Approved Project — FWSS
- PHSCS 497R — Pre-Req: Advisor Approval — FWSS
- Stat 486 — Pre-Req: Stat 330 & 340 & 386 — FW
- Stat 496R — Pre-Req: Dept. Consent (up to 3 credits) — Contact Dept.
- Stat 497R — Pre-Req: Dept. Consent (Variable) — Contact Dept.

Note: All Courses only count once towards the major.

Updated 8/31/2026