BYU Statistics: Math 112 **Data Science Emphasis** Calculus 1 Key FWSS, S-S Requirements / Prerequisites Core class Math 113 2018-2019 Academic Year Calculus 2 Major (50 Hours) **FWSp** FWSS, S-S No more than three hours of credit below C- is allowed for Elective Class major courses. Complete the following course: Stat 121 Stat 240 Complete the following courses: Math 112 and 113. Prerequisite **FW** Complete the following courses: Stat 123, Stat 124, Stat 223, Stat 224, Stat 230, Stat 240, Stat 330, Stat 340 Complete the following courses: CS 142, CS 235, Stat 420, Stat **Stat 330** Complete 3.0 elective hours selected from the following courses: **FW** Stat 125, Stat 126, Stat 226, Stat 234, Stat 251, Stat 274, Stat 377, Stat 381, Stat 435, Stat 437, Stat 451, Stat 462, Stat 466, Stat 469, Stat 475, Stat 477, Stat 495R, Stat 496R, Stat 497R, Stat 531. Stat 538. **Stat 340** Complete 6 Elective hours selected from the following courses: IS FW 515, IS 520, Math 313, Math 341, Math 342, Stat 125, Stat 126,

Stat 226, Stat 234, Stat 251, Stat 274, Stat 377, Stat 381, Stat 435, Stat 437, Stat 451, Stat 462, Stat 466, Stat 469, Stat 475, Stat 477, Stat 495R, Stat 496R, Stat 497R, Stat 531, Stat 538.

*No more than 3 credit hours of Stat 495R, Stat 496R, or Stat 497R may be counted toward this requirement.

*Courses taken in requirement 5 will not also fill requirement 6.

Minor (19 Hours)

1. Complete one of the following: Stat 121, or Stat 201.

Stat 125

Pre-Reg: Stat 123 or 124

_ _ F2W2

Stat 126

Pre-Reg: Stat 125

_ F1W1.

Stat 226

Pre-Reg: Stat 125

F1W1

Stat 234

Pre-Req: Stat 121 or

201

Stat 251

Pre-Reg: Stat 123,

Stat 240. & Math 113

FW

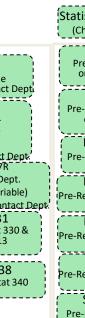
Stat 274

Pre-Req: Math 112

FW

2. Complete Math 112, Stat 123, Stat 124, Stat 230, Stat 240, Stat 330.

Select 3.0 credit hours from the following:



CORE Guide only-please Stat 121 **Freshman** consult MyMAP for **FWSS** full requirements. Please Note: When Taught is subject to Stat 230 change. Soph CS 142 **FWSp** CS 235 FWSp, Su odd yrs **Stat 123** Stat 223 F1, F2, W1, W2 F1, F2, W1, W2, Sp. Stat 420 **Stat 124** Stat 224 Pre-Req: Stat 123, F1, F2, W1, W2 F1, F2, W1, W2, Sp Stat 223. & Stat 330 Junior Stat 421 Statistics Elective Statistics Elective (Choose below) (Choose below) Statistics Elective Select 6.0 credit hours (Choose below) from the following: 15 515 Stat 226 Stat 477 Stat 435 Stat 475 Pre-Req: IS 201 Pre-Req: Stat 125 Pre-Reg: Stat 330 or Pre-Req: Stat 340 W Pre-Req: Stat 274 or equivalent F1W1_ Stat 511 _FJW . Stat 234 IS 520 Stat 437 Stat 495R Pre-Reg: Stat 121 or Pre-Req: IS 201 or Pre-Req: None Pre-Req: Stat 330 & equivalent 201 When Taught: Contact Dept **Stat 340** FW Stat 496R When Taught: Contact Dept Math 313 Stat 251 Stat 451 Pre-Reg: Dept. Pre-Req: Math 112 Pre-Reg: Stat 123, Pre-Req: Stat 330 Consent (up to FWSS_ Stat 240 & Math 113 (Concurrent with 340) 3 credits) Math 341 FW When taught: Contact Dept. When Taught: See Dept. Pre-Req: Math 113, 290 Stat 274 Stat 462 Stat 497R Pre-Reg: Dept.

Stat 462 Stat 377 Stat 495R Pre-Reg: Stat 201 or Pre-Reg: Stat 274 Pre-Reg: None Stat 240 & Stat 330 When Taught: Contact Dept Stat 381 Stat 496R Stat 466 Pre-Reg: Stat 223, Pre-Req: Dept. Pre-Req: Stat 340 or Stat 224, & Stat 330 Consent (up to 201 W/consent 3 credits) Stat 435 When taught: Contact Dept. Stat 469 Pre-Req: Stat 330 or Stat 497R Stat 511 Pre-Req: Stat 330 & Pre-Reg: Dept. Stat 340 Consent (Variable) Stat 437 When Taught: When_taught:_Contact Dept. Pre-Req: Stat 330 & Pre-Req: Math 112 Pre-Req: Stat 201 or _Contact Dept. _ Stat 531 Math 342 **Stat 340** Stat 240 & Stat 330 Consent (Variable) Pre-Req: Stat 330 & **Stat 475** Pre-Reg: Math 313, 341 When Taught: See Dept? Math 313 When taught: Contact Depta **Stat 377** Pre-Req: Stat 274 _____<u>FW</u>____ Stat 125 Stat 451 **Stat 466** Stat 531 Pre-Reg: Stat 274 Pre-Reg: Stat 251 & Stat 330 Pre-Req: Stat 340 or Pre-Req: Stat 330 & Stat 538 Stat 477 Pre-Req: Stat 123 or 124 Math 313 (Concurrent with 340) 201 W/consent Pre-Req: Stat 340 Pre-Req: Stat 340 E2W2 Stat 381 When Taught: See Dept. Stat 126 Pre-Reg: Stat 223, **Stat 538** Stat 469 Pre-Req: Stat 125 Stat 224, & Stat 330 Pre-Req: Stat 330 & 340 Pre-Req: Stat 340 F1W1 When Taught: Contact Dept. Updated 09/06/2018