

## REPLACING STAT 320-1 BY AN EQUIVALENT COURSE

Students cannot receive credit for both STAT 320-1 and any of the following courses: STAT 383, MATH 310-1, MATH 311-1, MATH 314, MATH 385, EE 302, or IEMS 202.

Although in some cases not ideal, any of these seven courses *can* be used to satisfy the STAT 320-1 requirement for the Statistics Major or Minor (subject to the WCAS “no double counting rule”).

*These courses may omit one or more of the following topics covered in STAT 320-1.* Students who take these courses and then go on to take STAT 320-2 will need to independently learn an omitted topic.

- . (1) Inclusion/Exclusion formula.
- . (2) The following special distributions: Poisson, Negative binomial, Hypergeometric, Gamma, Beta, Cauchy, Zeta.
- . (3) The Poisson approximation to the binomial.
- . (4) Moment generating functions.
- . (5) Chebyshev's Inequality.

(December 19, 2019)