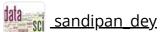
<u>Help</u>



Unit 0: Introduction and Course

Comparison of STAT110x on edX

<u>Course</u> > <u>Orientation</u>

> Introduction to the Course > and Other Versions

Comparison of STAT110x on edX and Other Versions

STAT110x on edX is inspired by Prof. Joe Blitzstein's residential Harvard course, Stat 110. Prior versions of the on-campus course lectures are available from stat110.net on YouTube and iTunes U. The following list and table outline the similarities and differences between this course and the previous online versions.

Reviewing the materials on <u>stat110.net</u> is not required for this course, but feel free to refer to it as an additional reference.

Similarities

Professor: Joe Blitzstein

• Perspective on soul of statistics: Conditioning

• Discrete distributions covered: Bernoulli, Binomial, Geometric, Negative Binomial, Hypergeometric, Poisson

• Continuous distributions covered: Uniform, Normal, Exponential, Cauchy

• Multivariate distributions covered: Multinomial, Multivariate Normal

• Cost: Free access to all content

Differences

	STAT110 on YouTube or iTunes U	STAT110x on edX
Additional Continuous distributions covered	Gamma, Beta	None
Corresponding material in the book (Blitzstein and Hwang)	most of chapters 1-11	most of chapters 1-5, 7, 9, 10, 11
Readings	none	extensive readings adapted from Blitzstein and Hwang included
Certificate available	none	ID-Verified Certificate available from edX for \$99 USD before the registration deadline

Animations	none	yes, one per unit
Lecture capture videos	yes, about 27 hours total	none
Interactive Simulations	none	yes, at least one per unit
Discussion Forums	none	yes (open through the end of the course, then read-only)
Practice problems	available via <u>stat110.net</u> , ungraded	integrated, with automated grading
Availability outside of the United States	lecture videos may not be available in countries where YouTube or iTunes cannot be accessed	available in all countries that can access <u>edX.org</u>

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